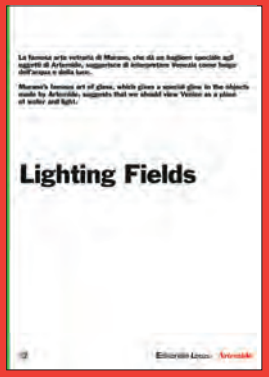
Artemide®
ARCHITECTURAL

With 3 product lines, Artemide offers a complete range of lighting equipment. These can be integrated to resolve the lighting engineering needs with all types of application, both indoor and outdoor.

Artemide
Design

Artemide
Architectural

Danese
Environmental Light



Artemide
Lighting Fields

Alphabetical index

Indoor

146 37 Cube
572 Absolu
298 Algoritmo
62 Airlite
594 Bolero
30 Cata
110 Caelum
446 Chocolate
396 Eggboard
460 Esprit
190 Everything
436 Gradian
418 Grafa
288 Hide
390 Incipit
132 Java
274 Java downlight
480 Kalifa
596 Kalifa recessed
576 Kao
216 Luceri
600 Leb
560 Mouette
508 Nota Bene
268 Nothing downlight
358 Nothing 86
554 Ourea 156
156 PAD
174 PAD 80
410 PAD System
244 Parabola
608 Pixel Mesh
82 Picto
258 Rastaf
586 Solar
604 Starled
468 Surf
520 Tagora
502 Talo
264 Toplite
106 Tracks
584 Tray
568 Twist
442 Uglare19
278 Zeno UP
284 Zeno Up Frosted

Outdoor

790 Aglaia
738 Aria
788 Basolo
764 Calumet
790 Catilina
678 Cariddi
854 Cariddi pole
682 Cefiso
850 Cefiso pole
804 Chilone
798 Ciclope
784 Cuneo
652 Dedalo
616 Diamante
778 Dioscuri
758 Effetto
690 Ego downlight
658 Ego spot
710 Ego walk/drive over
664 Epulo
814 Eraclea
742 Faci
670 Falange
824 Granito
840 Hila
790 Illo
844 Indicta
816 Ippolito
644 Label Light
632 LineaLed
818 Logico Garden
726 Megara
734 Microled
656 Minispot
782 Mitasi
768 Molla
774 Niki
792 Nuda
674 Obice
770 Pantarei
752 Percorso
822 Piroscafo
838 Poto
856 Provoca
828 Reeds
648 Riga
620 Spike
860 Solar Tree
848 Sostituto pole
680 Sostituto spot
628 Superspike
810 Tetragono
834 Tolomeo XXL

Indoor typological index

CEILING

30
Cata

390
Incipt

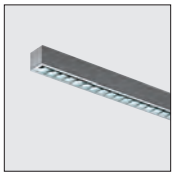
600
Leb

30
Cata

436
Gradian

604
Starled

156
PAD


480
Kalifa

82
Picto

508
Nota Bene

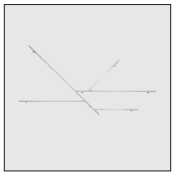
62
Airlite

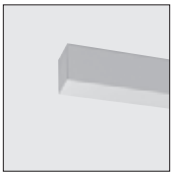
520
Tagora

174
PAD 80

554
Ourea 156

298
Algoritmo


576
Kao


358
Nothing 86

584
Tray

CEILING RECESSED - SEMI RECESSED

146
37 Cube

244
Parabola

298
Algoritmo

156
PAD

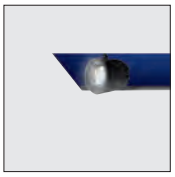
258
Rastaf

442
Uglare19

62
Airlite

264
Toplite

520
Tagora


110
Caelum

268
Nothing downlight

586
Solar

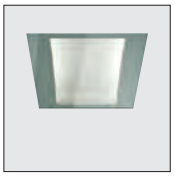
132
Java

274
Java downlight

594
Bolero

174
PAD 80

278
Zeno Up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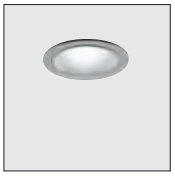
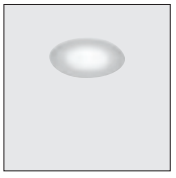
Kalifa recessed


190
Everything


284
Zeno Up Frosted

600
Leb

216
Luceri

288
Hide

TRACK

30
Cata

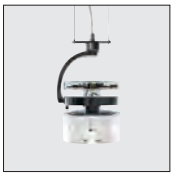
156
PAD

82
Picto

62
Airlite

106
Tracks

SUSPENSION



30
Cata

62
Airlite

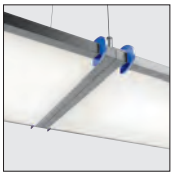
298
Algoritmo

358
Nothing 86

390
Incipit

396
Eggboard

410
Pad System



418
Grafa

456
Chocolate

480
Kalifa

502
Talo

508
Nota Bene

460
Esprit

468
Surf

520
Tagora

554
Ourea 156

560
Mouette

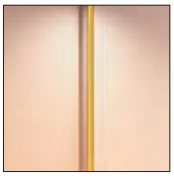
568
Twist

572
Absolu

576
Kao

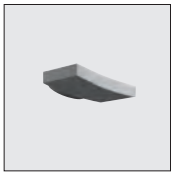
584
Tray

WALL



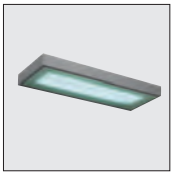
298
Algoritmo

468
Surf

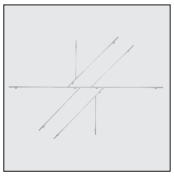


476
Surf wall

458
Chocolate wall

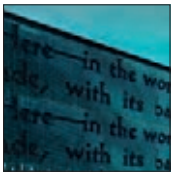


498
Kalifa wall



576
Kao

600
Leb



608
Pixel Mesh

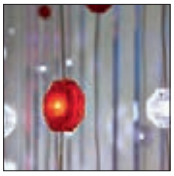
FLOOR

446
Chocolate

480
Kalifa

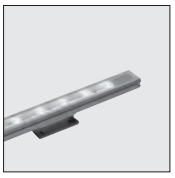
Outdoor typological index

SUSPENSION



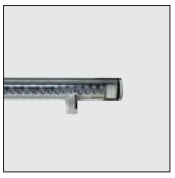
616
Diamante

LINEAR PROFILE



620
Spike

628
Super Spike



644
Label Light

648
Riga

652
Dedalo

WALL - CEILING

770
Pantarei

798
Ciclope

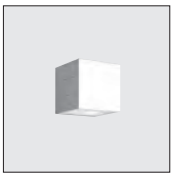
664
Epulo

774
Niki

840
Hila

670
Falange

778
Dioscuri



758
Effetto

682
Cefiso

782
Mitasi

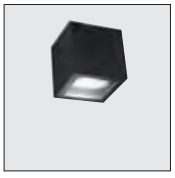
764
Calumet

680
Sostituto Spot

790
Illo

768
Molla

678
Cariddi



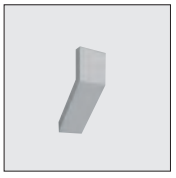
788
Basolo

784
Cuneo

856
Provoca wall

810
Tetragono

674
Obice



804
Chilone

658
Ego Spot

WALL RECESSED

738
Aria

742
Faci

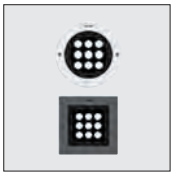
746
Faci Vetro

752
Percorso

792
Nuda

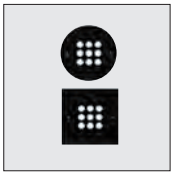
798
Ciclope

CEILING RECESSED



690
Ego downlight

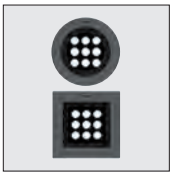
690
Ego Flat downlight



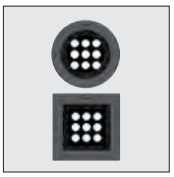
706
Ego Vetro downlight

738
Aria

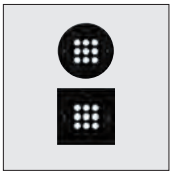
GROUND RECESSED



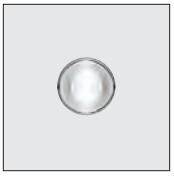
710
Ego drive/walk-over



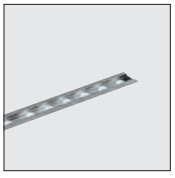
710
Ego Flat walk-over



722
Ego Vetro walk-over

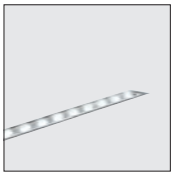


734
Microled



626
Spike Incasso

632
LineaLed drive-over



638
LineaLed WW drive-over

726
Megara

FLOOR - BOLLARD

656
Minispot

792
Nuda

818
Logico Garden

814
Eraclea

816
Ippolito

810
Tetragono

828
Reeds

822
Piroscafo

790
Catilina

790
Aglaia

804
Chilone

798
Ciclope

824
Granito

658
Ego Spot

664
Epulo

670
Falange

682
Cefiso

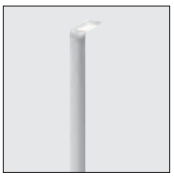
680
Sostituto spot

678
Cariddi

834
Tolomeo XXL

POLE

838
Poto



840
Hila

844
Indicta

848
Sostituto pole

850
Cefiso pole

854
Cariddi pole

856
Provoca

860
Solar Tree

Indoor light performance index

PROJECTOR

30
Cata

156
PAD

82
Picto

62
Airlite

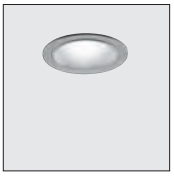
110
Caelum

132
Java

DOWNLIGHTING

174
PAD

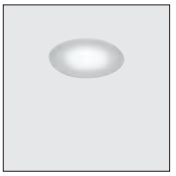
274
Java downlight



190
Everything

278
Zeno Up

216
Luceri Led



284
Zeno Up Frosted

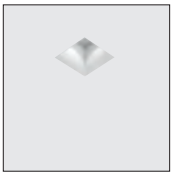
238
Luceri Fluo

288
Hide

244
Parabola

258
Rastaf

264
Toplite



268
Nothing downlight

PROFESSIONAL LIGHTING

298
Algoritmo

446
Chocolate floor

358
Nothing 86

456
Choccolate

390
Incipit

490
Kalifa

396
Eggboard

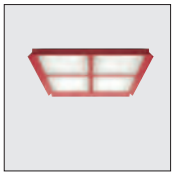
480
Kalifa floor

410
Pad System

460
Esprit

418
Grafa

468
Surf



436
Gradian

502
Talo

442
Uglare19

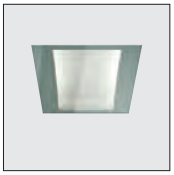
508
Nota Bene

GENERAL LIGHTING

520
Tagora

594
Bolero

554
Ourea 156



596
Kalifa recessed

560
Mouette

568
Twist

572
Absolu

576
Kao

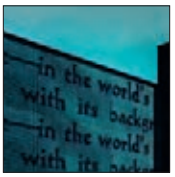
584
Tray

586
Solar

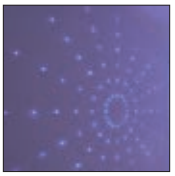
SIGNAL LIGHTING

600
Leb

SCENOGRAPHIC LIGHTING



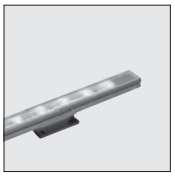
608
Pixel Mesh



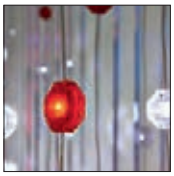
604
Starled

Outdoor light performance index

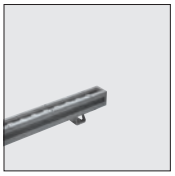
SCENOGRAPHIC LIGHTING



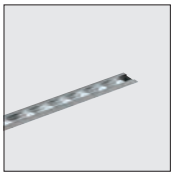
620
Spike



616
Diamante

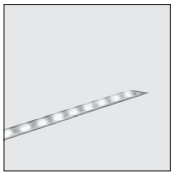


628
Super Spike



626
Spike incasso

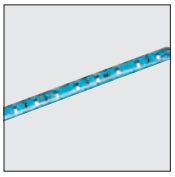
632
LineaLed drive-over



638
LineaLed WW drive-over

644
Label Light

648
Riga



652
Dedalo

ACCENT LIGHTING

656
Minispot

674
Obice

658
Ego spot

664
Epulo

670
Falange

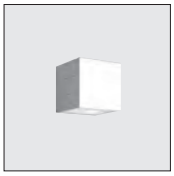
682
Cefiso

680
Sostituto Spot

678
Cariddi

GRAPHIC LIGHTING

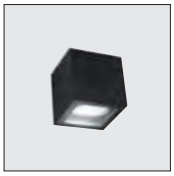
764
Calumet



758
Effetto

768
Molla

784
Cuneo



788
Basolo

824
Granito

INDICATOR LIGHTING

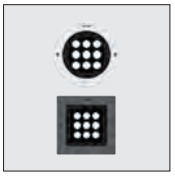
738
Aria

742
Faci

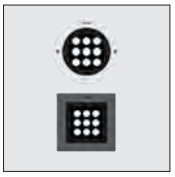
746
Faci Vetro

752
Percorso

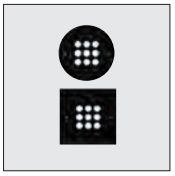
DOWNLIGHTING



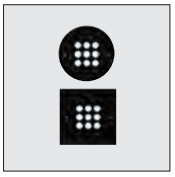
690
Ego downlight



690
Ego Flat downlight



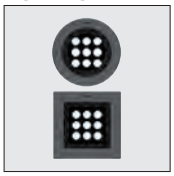
706
Ego Vetro downlight



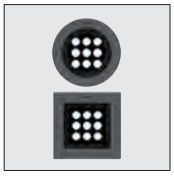
706
Ego Vetro Flat downlight

738
Aria

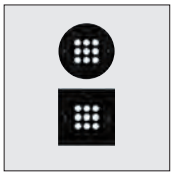
WALK / DRIVE-OVER LIGHTING



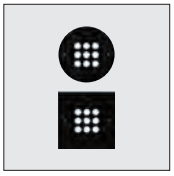
710
Ego drive-over



710
Ego Flat walk-over



722
Ego Vetro walk-over



722
Ego Vetro Flat walk-over

726
Megara

734
Microled

GENERAL LIGHTING

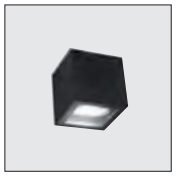
770
Pantarei

774
Niki

778
Dioscuri

782
Mitasi

790
Illo



788
Basolo

810
Tetragono

804
Chilone

798
Ciclope

840
Hila

PATH LIGHTING

792
Nuda

818
Logico Garden

814
Eraclea

816
Ippolito

810
Tetragono

828
Reeds

822
Piroscafo

790
Catilina

790
Aglaia

804
Chilone

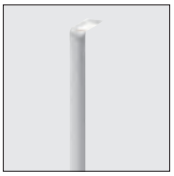
798
Ciclope

838
Poto

PLACES AND STREET LIGHTING

850
Cefiso pole

848
Sostituto pole



840
Hila

844
Indicta

856
Provoca

854
Cariddi pole

860
Solar Tree

834
Tolomeo XXL

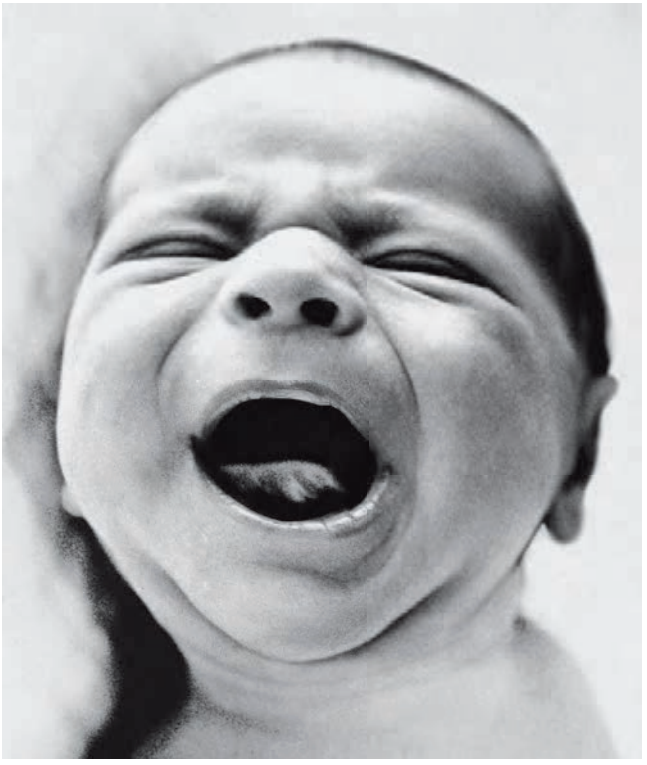
Light is a daily presence in our lives.

he relationship between people, light and the environment has always been central to Artemide vision and has been developed over the years. The research subjects range from the individuals' well-being and perception of spaces, to tackling the issues associated with environmental sustainability.

The Human Light is a light able to follow the individuals' flow of behaviours and emotions. It is designed to help achieving psychological well-being and offering new qualities, emotions and awareness to our lives while developing an innovative and responsible vision of the future.

With The Human Light, light becomes a mouldable raw material, an active tool to support the Self, a way of resuming motivations and sensations. Self-awareness in the relationship between people and light must be interpreted not only as flexible management of light within reach, but above all as a priority in the design process.

ADV Campaign, 1998



Life will be better with the right light

Artemide®
THE HUMAN LIGHT.

Artemide's research activity is constantly committed to developing and adopting lighting systems that pursue the objective of maximum energy efficiency. All project choices focus on a sole objective: to improve people's quality of life and their relationship with the environment. In the sphere of a policy of the reduction of energy consumption and being ahead of the regulatory requirements, there are four areas of action into which Artemide's commitment is specifically translated:

Eco-Effectiveness

Maximum attention is given to design and manufacturing processes: responsible use of resources, thorough choice of processes and technologies with a view to achieving energy balance.

Long term

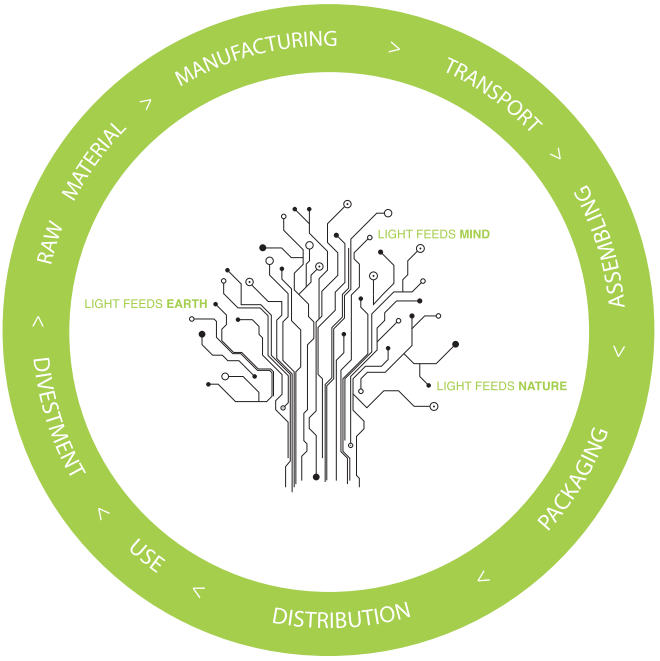
Designing thinking to the long term through a careful planning of the entire product life cycle, promoting internal technical training using the experience accrued in sustainability research (LCA, analysis of technologies, of processes, etc.) developed with university research centres.

Responsible Consumption

Spreading culture and offer tools for an informed choice (TCO, LENI) and a rational use of light in terms of energy saving and affordability.

Quality

Quality is an essential choice for a more lasting relationship with the product and a crucial requirement in the search for authentic environmental innovation.



LCA (Life Cycle Assessment)

LCA is a strategic approach used to assess the potential environmental impact of a product during all stages of its life cycle: selection of raw materials, processing, transport and assembly, packaging, distribution, usage, disposal and recycling.

Artemide. The Innovation

1 . CATA
Innovation Patent n. MI2012A000605
The Projector based on LED technology is developped on the optical catadioptric principle with double collimating mirrors and light guiding system.

2 . PAD
Innovation Patent n. MI2010A000609
The Projector is based on LED technology with a system that integrates both optical and electronics. It integrates the active special power supply together with the optical system. The projector uses a thermal conductive back in heat exchange function and also uses a diffuser with integrated light emission lenses.

3 . ALGORITMO SYSTEM CONTROLLED EMISSION
Innovation Patent n. MI2013A001711
Algoritmo controlled emission is patented by Artemide and is the smallest lighting fixture conform to UGR and luminance. A dedicated optical system made by a grid and an array lens produces a controlled emission with UGR < 19 and luminance < 3000 cd/m^2 @ 65° and over.

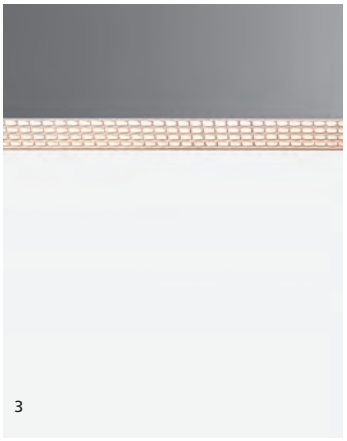
We find ourselves at a time when the evolution of technology offers interesting opportunities for the development of generations of conceptually new products. Nevertheless, in the field of light today technological progress is no longer accessible to everyone; it is more complex and requires skilful interpreters: the designer's creativity must necessarily be measured against that of a specialist team. For this reason, over the years Artemide has equipped itself with a research and development structure where there is space for the most diverse and specialist technical expertise, accredited laboratories and certified quality systems.

On one hand, innovation is delivered in the use of LEDs and energy-saving light sources, by using materials and innovative production techniques with attention devoted to efficiency and the quality of the performance. On the other hand, research and technological innovation are understood in a humanistic sense with the aim of continually making a contribution towards the quality of life for people and the planet. Artemide's project is both research and culture, starting from the gathering of constant technological innovation and a cultural approach.

The numerous patents for inventions that accompany the development of Artemide's products and the international awards in the field of innovation and sustainability are testament to the persistence of their projects for the future. Innovation is made of people, of their culture and skills, but above all it comes from continuous experimentation and from a shared vision. It is also with a view to this, that the project has been put in place for a new Campus and Laboratory of thought. This building is in the construction phase and can also be seen as a expression of the efforts and the desire of a company to grow according to a holistic and multi-disciplinary approach, pursuing the principles of sustainability and energy efficiency, with the emphasis on research and experimentation.

1

2


3

By changing colour or temperature,light builds emotions and relationships.

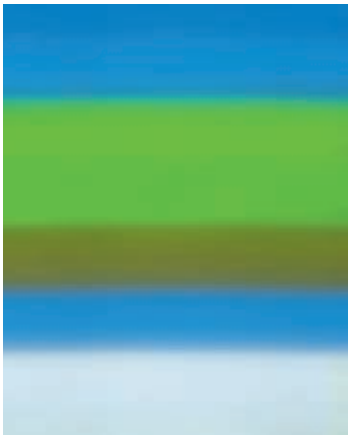
The light radiations reaching our eyes are transformed into electric impulses and transmitted to the brain via the optic nerve. From here a series of inputs are originated and transmitted to the entire body. In particular, when the impulses reach the hypothalamus they determine an increase in serotonin, a neurotransmitter that controls moods. When the impulses reach the epiphysis we have a reduction in melatonin, a hormone sensitive to the day-night cycle.The consequence of these neurophysiological reactions is a significant mood swing depending on the quantity and quality of light to which an individual is exposed.

Designing light for people means outreaching the purely functional aspects of lighting and embracing a broader dimension, with a new attention towards perceptive experience. Artemide's knowledge and awareness on this topic led to the implementation of innovative lighting systems. This is associated with the research developed from the 1990s to the present day with universities, research centres and experts in various scientific disciplines (medicine, biology, psychology, anthropology).

Metamorfosi, A.l.s.o. and Tunable White combine technological innovation and attention to people and their psychological needs.They are not products, but ways of creating tunable light settings in order to experience the relationship with light through a conscious and direct interaction.

Psychological light

Physiological light



Artemide has always provided high quality products. As a result, we are glad to inform you that from April 1st 2015 we will offer to all our end users world-wide (private consumers only) a free 5-year extended warranty, valid only if the product is successfully registered online within two months from the date of purchase.

Conditions for the 5-year extended warranty are as follows:

- Being an end user (private consumer);
- Purchasing the ARTEMIDE product after April 1st 2015;
- Registering the product online within 2 months from the date of purchase;
- The product must be new (not second-hand);
- Being the first owner of the product (the warranty is not transferable).

Following successful online activation and claim, the extended warranty will entitle the private customer to a free repair or replacement when the product is determined to be faulty due to manufacturing defect, as stated on its terms and conditions.

cloud.artemide.com/5-years-warranty

Artemide TCO®

Artemide develops lighting solutions that integrate architectural and living spaces, always with a keen eye on sustainability, sharing expertise and knowledge with architects and lighting planners.

Artemide is sensitive not only to the needs of human beings, but also to the environment, offering a new service aimed at energy saving and to help in reducing costs.

This service is called **Artemide TCO - Total Cost Ownership** and it is one of the latest generation calculation tools. Beginning from precise estimates of installation and usage costs, it offers solutions for controlling equipment and installations that require a targeted consumption of energy.

With its 55 **Lighting Consultancy Centres** worldwide, Artemide offers customers a complete service to support lighting engineering plans, beginning a constant dialogue with its partners.

It is also possible to download the Dialux and Luxart calculation programs, Eulumdat data, 2D and 3D images of products from the **artemide.com** website, together with all the technical information necessary to implement your own independent lighting engineering project.

Artemide TCO is a professional tool for the implementation of energy performance and economic evaluations of your lighting projects.

1_Project
Enter general information (town, building type, etc.) adding qualitative details such as how the area is occupied and the supply of natural daylight.

2_Solution
Create two or more simple alternative project solutions while defining suitable manual or automatic control systems, such as presence detectors and light sensors, for each fixture.

3_Energy
Artemide TCO compares alternative solutions, clearly displaying thorough energy results compliant to EN 15193 standards, CO2 emissions and energy saving percentages.

4_TCO
Artemide TCO compares alternative lighting solutions also through intuitive charts and graphs, displaying TCO details and ROI spread over time.

5_Report
Finally, you can generate and export a .pdf recap project report which can be customized with your logo, details and a selection of the energy performance and economic information you would like to highlight.

$$TCO = €_{system} + €_{maintenance} + (W_{l,t} + W_{p,t}) \cdot €_{kWh}$$

TCO: Total Cost Ownership
$W_{l,t}$: absorbed energy with lamps on $P_N \cdot t_d \cdot (F_d \cdot F_o \cdot F_c) + P_n \cdot t_n \cdot (F_o \cdot F_c)$ $_{[kWh]}$
$W_{p,t}$: absorbed parasitic energy with lamps off $P_{pc} \cdot [t - (t_d + t_n)] + P_{em} \cdot t_e$ $_{[kWh]}$

tco.artemide.com

Artemide. The Network

Headquarters

1 Artemide Group, Pregnana Milanese, Milan, Italy
2 Artemide Communication and Marketing Department, via Canova 34 - Milan, Italy

European and North American Production Facilities

1 Artemide Pregnana Milanese, Milan, Italy
3 Artemide Telgate, Bergamo, Italy
4 Artemide Glass Factory, Vetrofond Srl, Venice, Italy
5 Artemide Architectural Sas, Saint Florent, France
6 A&A - Paks, Hungary
7 Artemide Manufacturing North America Montreal, Canada

Worldwide Subsidiaries and Affiliated Companies

8 Artemide Italia, Milan, Italy
9 Artemide Illuminazione, Zurich, Switzerland
10 Artemide Handelsgesellschaft, Vienna, Austria
11 Artemide France, Paris, France
12 Artemide Gmbh, Fröndenberg, Germany
13 Artemide Deutschland, Fröndenberg, Germany
14 Artemide SA, Barcelona, Spain
15 Artemide GB, London, United Kingdom
16 Artemide Scandinavia, Copenhagen, Denmark
17 Artemide Agency, Moscow, Russia
18 Artemide Inc, Hicksville - New York, USA
19 Artemide Ltée, Quebec -Montreal, Canada
20 Edimetra, Buenos Aires, Argentina
21 Artemide Middle East, Dubai, UAE
22 Artemide HK Ltd, Hong Kong
23 Artemide Trading Shanghai, Shanghai, China
24 Artemide Japan, Tokyo, Japan
25 Artemide Lighting India, Mumbay, India

Principal Distributors

Africa

26 Arrakis Sarl, Morocco
27 Spazio Lighting (Pty) Ltd, South Africa

America

28 Cynthron Comercial e Importadora e Servicios LTDA, Brasil
29 Interdesign, Chile
30 Inversiones Jam, Dominican Republic
31 Scultura Luminosa, Mexico
32 Trios Lighting, Uruguay

Asia

33 Lightcraft Sdn. Bhd, Malaysia
34 Million Lighting Company Private Limited, Singapore
35 T&S Trading Ltd, South Korea
36 Bravocasa Co., Ltd, Taiwan
37 Ornare Imports Pty Ltd, Australia
38 ECC Lighting, New Zealand

Europe

39 Artemide Hellas, Greece
40 Horas, Benelux
41 Foton Illuminaçao Ltda, Portugal

Middle East

42 Al Hassan Electricals Co. L.L.C., Oman
43 Cesar Debbas & Fils S.A.L., Lebanon
44 Light Technologies Co.Ltd, Saudi Arabia
45 Spaces & Concepts, Kuwait

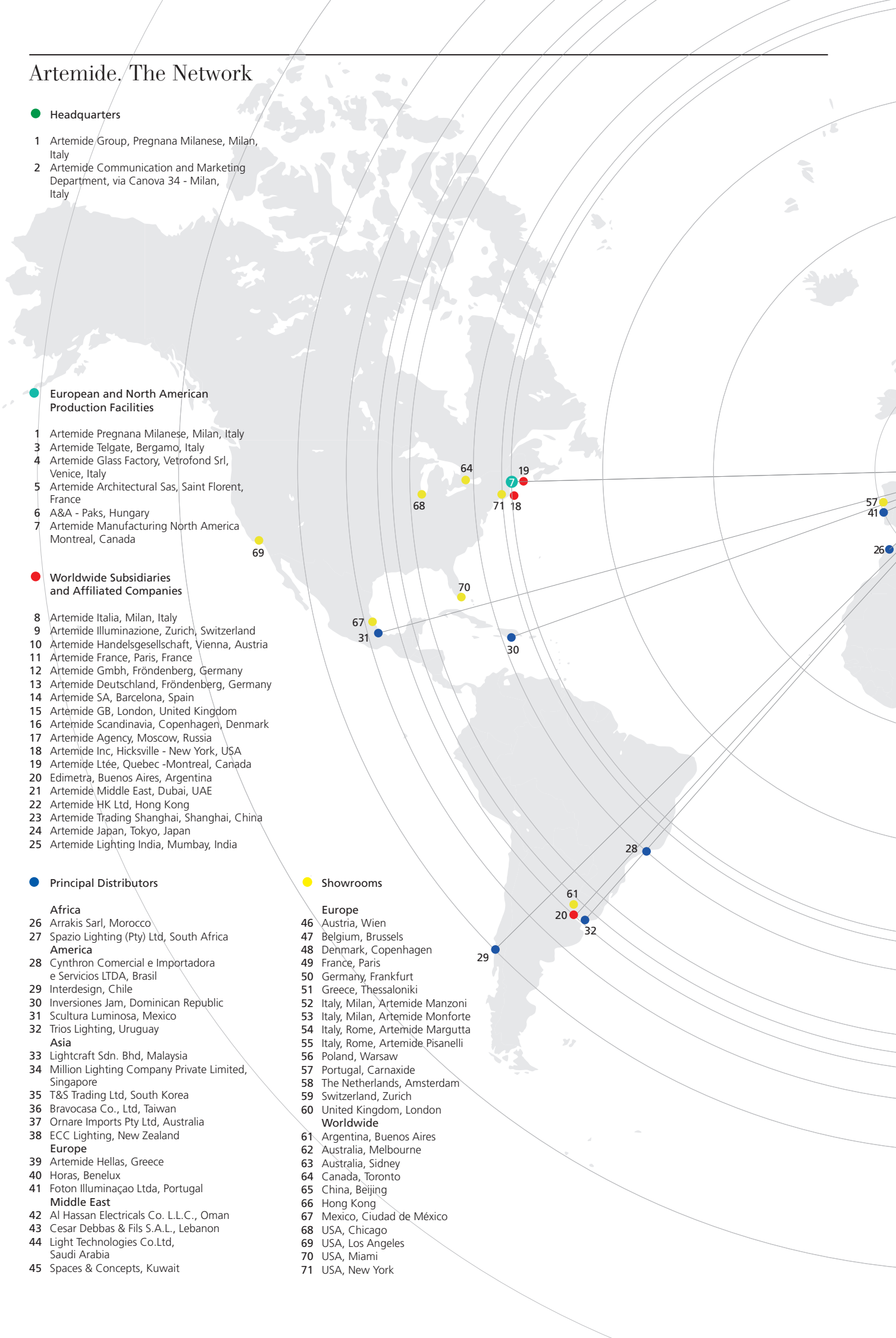
Showrooms

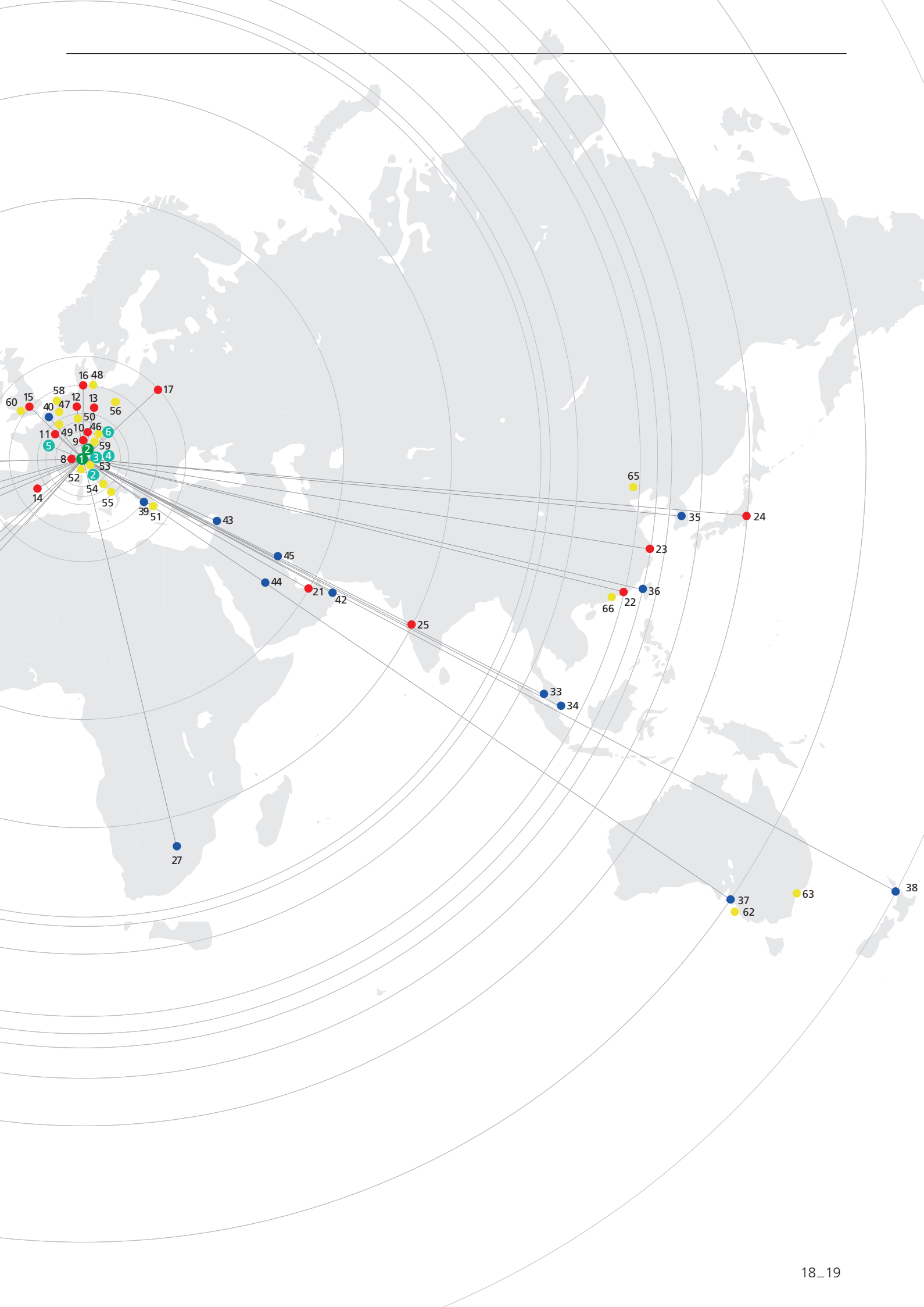
Europe

46 Austria, Wien
47 Belgium, Brussels
48 Denmark, Copenhagen
49 France, Paris
50 Germany, Frankfurt
51 Greece, Thessaloniki
52 Italy, Milan, Artemide Manzoni
53 Italy, Milan, Artemide Monforte
54 Italy, Rome, Artemide Margutta
55 Italy, Rome, Artemide Pisanelli
56 Poland, Warsaw
57 Portugal, Carnaxide
58 The Netherlands, Amsterdam
59 Switzerland, Zurich
60 United Kingdom, London

Worldwide

61 Argentina, Buenos Aires
62 Australia, Melbourne
63 Australia, Sidney
64 Canada, Toronto
65 China, Beijing
66 Hong Kong
67 Mexico, Ciudad de México
68 USA, Chicago
69 USA, Los Angeles
70 USA, Miami
71 USA, New York

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A

Accuracy (of measurement)
Approximate agreement between the result of a measurement and the actual value of the item being measured. It is a qualitative term: the term "precision" should not be used as a synonym.

Active cooling
System composed of one or more radiators made of a conductive materials, plus a fan or another element conveying air on the radiator.

Adjustable dowsers
Adjustable, removable partitions applied on a projector, able to screen its light as required.

Ampere (A)
The SI base unit used to measure the intensity of electric current.

Angle of inclination
Angle of inclination calculated upward from the horizontal of a lighting fixture.

Anti-dazzle grid
Element usually with square or hexagonal grid (other geometric shapes could be applied) able to cut unrequired, dazzling light rays that can cause glare. Its finish is usually black or aluminium. The shaped section allows the reflected light to be deviated towards specific angles, so that the dazzle effect is removed.

Asymmetric lens shield tube
Accessory located in front of a projector, able to cut unrequired, dazzling light rays that can cause glare.

Axial intensity
Lighting intensity emitted by any lighting device on its own main axis.

B

Backup Lighting
Part of the emergency lighting provided to ensure that an exit can be identified efficiently and used if the normal lighting system does not work.

Beam
in a projector, or in a rotosymmetrical / X-Y type device, it is double the angle made by the direction of the axial luminous intensity and the direction where intensity is ½ of the axial.

BIN
A term used in the LED industry to define selections of: Colour (the BIN defines a variable area of the chromaticity diagram). Luminous Flux (the BIN defines the amount of luminous flux emitted). Vf (the BIN specifies the maximum and minimum values of the voltage drop applied across the LED terminals).

Black body
It is an ideal object absorbing all incident electromagnetic radiations. Being black, it is neither reflecting nor transmitting any energy. The black body produces electromagnetic radiation as a consequence of its temperature.

C

Candela
SI unit of luminous intensity: the candela (cd) is the luminous intensity, in a given direction, of a light source that emits monochromatic radiation at a frequency of 540 THz and whose energy intensity in that direction is equal to 1/683 W per steradian.

Candela per square metre (m-2)
SI unit of luminance.

Catadiottric optic
Optical system usually mixed (refractive + reflective) on which reflection takes place, both because of the TIR principle and because of the use of mirrors.

CCT
Acronym of Correlated Color Temperature. It is expressed by the colour temperature in Kelvin degrees of a specific colour while in proximity of the black body curve in the different cromatic diagrams.

Cd/klm
Measurement unit of the luminous intensity. It is expressed in candles and is referred to the luminous flux installed, expressed in Kilo lumens.

Chromatic Rendering Index
Index evaluated by the ability to render a series of 14 colours, chosen using Munsell chromatic system, compared to a reference source depending on the colour temperature. If the colour temperature is below 5,000K, the reference source is the black body spectrum with the same colour temperature. If the CRI is higher, then the chosen reference source is a series D illuminant with colour temperature similar to the one of the source chosen.

Chromaticity diagram
Plane diagram in which the points, defined by the respective trichromatic coordinates, represent the chromaticity of colour stimuli.

Cold white
White colour of a light source with colour temperature greater than 5000 Kelvin.

Collimation lens
A lens directing the light rays incident on itself to the parallel optical axis of the lens itself.

Color temperature
It is the temperature of the black body producing a spectral emission with chromatic features similar to the source itself. The colours emitted by heating the black body are, starting from the lowest temperatures, red (up to 1,800K), orange (between 1,800 and 2,200K), warm white (between 2,200 and 3,500K), neutral white (between 3,500 and 5,000K), cold white (from 5,000K to infinity).

Color tolerance
Color difference inside a chromatic section of a lighting source (e.g. LED), usually produced by the manufacturer and identified with an acronym.

Colourimetry
Measurement of colours, based on a set of conventions.

Connector
Connecting element between two components of a system. It can be mechanical, electrical or electronic.

Cones
Photoreceptors of the retina containing pigments that are flexible in light which are the basis of the photopic vision process.

Constant current
See also definition of 'current'. Current supplied by an electrical device that is kept at a constant level. Constant current power supplies distribute a specific current within certain tension limits. These can vary from zero to a maximum value, or from a minimum to a maximum value.

Constant tension
See also definition of 'tension'. Tension supplied by an electrical device, kept at a constant level until its maximum power level is reached.

Contrast
Subjective adjustment of the difference in appearance of two parts of a visual field (observed simultaneously or in succession).

Current
Electrical charge flux (usually negative) passing through a surface during a time unit. It is a fundamental magnitude in the International System. It is measured in Ampere.

Cut off
In a photometric solid, it is the angle or the angles in which a net distinction between light and dark can be perceived. It is calculated in respect to the main axis of the device.

D

Dali
Digital Addressable Lighting Interface. Protocol managing a system of light fittings through a signal transmitted by a single pair of wires. The DALI system can manage single or groups of light fittings included in the same system. Also, it can switch on and off and create scenaries with light fittings belonging to a same system.

Dali-SwitchDim
Compactibility of the power supply to work on a DALI protocol only or also through the SwitchDim function. In this last case, the load dimming is made through a simple push-to-make switch at the supply voltage.

Dark light
Device showing a luminance lower than 3,000 cd/m2 in every 'C' plan for 'gamma' values equals or higher than 65°. It is calculated in respect to the main axis of the device. This value was originally 1,000 cd/m2, now it is increased to 3,000 cd/m2 for most devices.

Dialux
Light design software. Used to obtain all types of lighting calculations and related documentation in accordance with the legal regulations in force in various countries, as well as visualisations and animations for a realistic rendering of a project.

Diaphragm
element modulating the amount of luminous flux passing through an optic system.
A so called 'vignetting' phenomenon takes place if openings of other elements interfear with the above.

Diffraction
Deviation of the direction of propagation of radiation, determined by its wave nature, which occurs when the waves are restricted by obstacles.

Diffused lighting
Lighting in which the light on the work surface or on an object does not come from any particular direction.

Diffuser
Optical element, transparent or opaque, able to diffuse its incident light rays in the surrounding space.

Diffusion
Phenomenon whereby the spatial distribution of a beam of radiation changes when the beam is deflected in multiple directions, by a surface or a medium, without changes of frequency in its monochromatic components.

Dimmable
Light fittings that can adjust their light intensity.

Direct glare
Glare produced by light sources in the visual field.

Direct lighting
Lighting by devices that distribute the light intensity in such a way that 90-100% of the luminous flux goes directly onto the work surface, assuming that this surface is not infinite.

Dispersion
The white light that falls on the face of a prism, is dispersed and flows out from the opposite face with the spectral components separated. This occurs because the index of refraction of a given material is a function of wavelength and therefore different colours (different wavelengths) are refracted at different angles.

DMX
DMX512, often abbreviated DMX (Digital Multiple X) is a communications protocol used mainly to control scene lighting [and] for control from computers or central units of complex lighting systems with moving or conventional lights. Each DMX512 cable can transmit up to 512 8-bit values between 0 and 255, so that a cable can control up to 512 separate devices. Since DMX only supports 512 channels, there may be situations where separate DMX universes are needed. A DMX universe is a single line connecting the controller and all the devices associated with that cable. Most recent DMX consoles support more than one DMX universe, each of which must be wired independently. A DMX cable is made up of at least three poles for the transmission of signals.

Downlight
Device with direct emission, generally mounted in plasterboard ceilings.
It is used in corridors (where no glare control is needed) and in workplaces (where conformity to standard UNI 12464 with regard to direct glare and glare on video terminals must be ensured). They are usually installed in the room in a regular grid so that the lights are spaced evenly at 1.8 x 1.8 metres or 2.4 x 2.4 metres.

E

Efficacy
Ratio between the luminous flux of a lighting device and its power in watts. It is expressed in lumen/W.

Efficiency
Optical output; percentage ratio between the output luminous flux of the light fitting and the flux emitted by the light source. (See LOR)

Electrical connector
An electrical connector such as an electrical component, or an area of a printed circuit board, whose function is to electrically connect two or more electrical components exclusively by means of operations of a mechanical type (therefore without requiring electric welding).

Electrified track
Power supply system with voltage or low tension. Electrical conductors are located inside the track.

Electromagnetic wave
Electromagnetic energy carrier in single packs or 'quantums' of energy, with a defined energy value. It moves in a straight line at approximate 300,000 Km/s. It has associated magnetic and electrical fields varying in time following a sine law.

Elliptical reflector
Ellipsoidal mirror (rotational or not) that, with a light source on the first focus, can replicate its image on the second focus (if rotational ellipsoid) or on a specific area of the optical axis (if non rotational ellipsoid).

Emergency lighting
Lighting intended for use when a general lighting system fails due to a power failure.

Emission angle
See Beam.

EN 12464
Standard that defines lighting technology features such as average illumination, uniformity, colour rendering and UGR for interiors. This standard also defines the maximum luminance of a device to be used in environments where there are video terminals.

F

Field of Vision
Of the eye or eyes. Angular width of the space in which an object can be when the observer looks at an object directly in front of him. The field can be monocular or binocular.

Filter
Optic element that can totally or partially select the wave lengths of a light source spectrum. In case of a total selection (net cut of the wave lengths between certain values), it is called a bandpass filter.

Flood
Term to identify a 2 ½ theta opening between 15 and 20° in a projector.

Fluorescent source
Discharge lamp of the low pressure mercury type in which most of the light is emitted by a layer of fluorescent material excited by the ultraviolet radiation of the discharge.

Fresnel lens
Element allowing construction of large optics and small focal distance without the obstruction, the thickness and the weight of the material used to produce a spheric conventional lens of equivalent diottric power. The result is obtained dividing the spheric lens into a series of concentric circular sections, called Fresnel rings. For each zone the thickness of the lens is limited, while the continuous curve is transformed into a series of surfaces of non-continuous with the same curvature.

G

General Lighting
Essentially uniform lighting of an area or a volume that does not take into account specific local needs.

Glare
Visual condition in which there is discomfort or reduction of vision, caused by an unsuitable distribution or degree of brightness or too much contrast in space and time.

Goniophotometer
Instrument for the measurement of photometric magnitudes, for measuring the angular distribution of a magnitude of brightness emitted by a light source, a lighting fixture, a medium or a surface.

H

Halogen source
Lamp containing a tungsten filament and a small amount of one or more halogen gases for the purposes of cyclic regeneration of the filament.

Hybrid optic
Optical system in which both mirrors and lenses are used. More generally, both reflective and refractive elements are employed.

I

Illuminance uniformity factor (on a given plane)
Measurement of the variation of illuminance on the plane concerned, expressed as: ratio between the minimum and maximum illuminance; ratio between the minimum and average illuminance.

Illumination
Photometric value showing the quantity of luminous flux for surface area. Common measurement units are lux (lumen / m2) used in the international system, and foot-candle (lumen/ft2) in the United States.

Localised illumination
Illumination designed to light an area with greater brightness in specific positions, such as where a very accurate visual task is being carried ou.

Incandescent source
Lamp in which the light is produced using an element brought to incandescence by the passage of electric current, which emits radiation in the visible range.

Infrared radiation
Optical radiation having a wavelength greater than those of visible radiation.

Insulating class
homogeneous grouping defined by the IEC (International Electrotechnical Commission), indicating the technical features applicable to an electric device in order to reduce electrical hazards in case of fault. Class I electrical devices: the protection is based on the mains insulation and on a additional security measures. This is made by the connection of the conducting parts accessible to a protection conductor (protection earthing/ grounding system) falling under the fixed electrical system. Class II electrical devices: also known as double insulation devices, are manufactured so that the earthing/grounding system is not required. In this case an eventual fault cannot cause the user to come into contact with dangerous electrical tensions. Class III electrical devices: the protection against electrocution is due to the use of SELV (Safety Extra-Low Voltage) security tension. The device is operated either by a battery or by a SELV transformer.

International System of Units
Abbreviated to "SI system" or sometimes just "SI", this is the set of units of measure agreed on by all countries that have signed the Metre Convention.

IP
International Protection (or protection class IP) is a code summing up the level of protection of an electrical appliance in case of accidental or intentional contact with a human body or with objects, and also the protection against contact with water. IPXX: the first digit shows the protection against the contact with solid bodies and the contact with dangerous parts. The second digit shows the protection against the contact with liquids.

Iso-illuminance curve, isolux curve
Locus of points belonging to a surface at which the light intensity has the same value.

K

Kelvin
The kelvin (K) is a unit of measurement of temperature that is one of the seven base units of the International System of Units. In lighting, it is the measurement of the colour of light. See colour temperature.

L

Lambert surface
Ideal surface that reflects the energy coming from one direction equally in all directions, and thus its luminance remains the same even if the viewpoint is different. It is therefore an ideal diffusing surface.

LED
Acronym of Light Emitting Diode. The LED is an electronic device made by the union of two elements composed of semiconductor material (typically silicon). The two elements are "doped", meaning that specific materials are added to them so that one has mainly negative charges (electrons) and the other one has mainly positive charges (holes). The passage of electrical current through the "junction" of the two elements causes the electron-hole recombination to occur, and this produces the phenomenon of the spontaneous emission of light at a given wavelength. The LED is therefore a monochromatic light emitter; white LEDs are blue LEDs which, through their radiation, excite phosphors which in turn, according to the same phenomenon of spontaneous emission, convert part of the blue radiation into others of the visible spectrum.

Lens
Optical element producing convergence or divergence of light rays on itself, thanks to refraction.

Life cycle
See Service Life.

Light
Portion of electromagnetic waves spectrum that are visible to the human eye.

Light guide
Transparent optical element transporting light by means of TIR effect, e.g. optic fibre.

LOR (Efficiency)
Acronym for Light Output Ratio. It is a percentage value obtained by the ratio between the luminous flux of a device and the luminous flux installed.

Louvre screen
Screen whose shielding elements are lamellae made of opaque or translucent material.

Lumen
SI unit of luminous flux. The lumen (lm) is the luminous flux emitted in a unit solid angle by a uniform point source having a luminous intensity of 1 candela.

Luminaire
Generic term to indicate a lighting device.

Luminance
Photometric valuee showing the luminous power of a light source for solid angle unit and for surface unit. It is used to define how bright a surface is at a certain angle. In the International System it is measured in candles per square metre (cd/m2), in the United States in foot-lambert.

Luminous flux
Photometric value showing the amount of light emitted by a light source. It comes from the radiant flux (W) and is expressed in lumen.

Luminous intensity
photometric value expressing the lighting power of a source for solid angle unit. It is an essential value in the International System; it is used to define how bright a specific point is at a certain angle. It is measured in candles (cd).

Lux (lx)
SI unit of illuminance. Illumination produced on a surface with an area of 1 square metre by a luminous flux of 1 lumen uniformly distributed on this surface.

LV (Low Voltage)
Components (electrified plates, optional extensions, cables and feeding kits) with 3-wire cables (+, -, signal) and 48VDC feeding tension. Feeding unit and control interfaces are needed in addition. Generally used for RGB LEDs, with the exception of Stand Alone versions.

M

MacAdam Ellipse
In CIE chromatic diagrams, these are elliptical areas defining the ability of the human eye in perceiving colour differences from the centre of the elliptical area. E.g., a Step3 MacAdam Ellipse means that on average the human eye is able to perceive 3 different colours from the centre to the border of the ellipse.

Mean daylight factor
Ratio, expressed as a percentage, between the average illuminance of the room and the illumination under the same time conditions on an external horizontal surface that receives light from the sky.

Mesopic vision
Intermediate vision between photopic and scotopic vision.

Metal Halide
A light source that produces light, directly or indirectly, by an electric discharge through a gas, a vapour metal or by a mix of different gases or vapours.

Minimum/average illuminance
In a illumination (lux) or luminance (cd/m2) map, it is the ratio between the lower and the average value observed.

Monochromatic radiation
Radiation characterised by a single wavelength. By extension, radiation characterised by a light waveband so limited that it can be defined by the indication of a single wavelength.

Monochromatism
Electromagnetic radiation in which the energy is concentrated in a single wavelength. Strictly speaking, monochromatic spectra are only emitted by lasers, but in reality those emitted by LEDs are also defined as monochromatic radiations, even if they are not exactly so.

Multi lens optic
Optical system made of more lenses, used to make very precise projections. MV (Medium Voltage): components (electrified plates, optional extensions, cables and feeding kits) with 7-wire cables (Neutral, Direct Line, Indirect Line, Auxiliary Line, Earth, DALI1 and DALI2) and 230 VAC feeding tension. If dimming is required, an external DALI circuit complete with DALI power supply, group controller and scene controller is needed. Used for feeding and dimming fluorescent lamps, white LEDs, spot groups and RGB Stand Alone LED versions.

MV (Medium Voltage)
Components (electrified plates, optional extensions, cables and feeding kits) with 7-wire cables (Neutral, Direct Line, Indirect Line, Auxiliary Line, Earth, DALI1 and DALI2) and 230 VAC feeding tension. If dimming is required, an external DALI circuit complete with DALI power supply, group controller and scene controller is needed. Used for feeding and dimming fluorescent lamps, white LEDs, spot groups and RGB Stand Alone LED versions.

MWL (My White Light)
See Tunable White.

N

Neutral white
White colour of a light source with a colour temperature between 3500 and 5000 Kelvin.

O

Ohm's Law
In physics, Ohm's Law, whose name comes from the German physicist Georg Simon Ohm, expresses the constitutive law of proportionality between the electric potential difference across a conductor and the intensity of the electric current passing through it. The constant of proportionality is the electrical resistance. Denoting the electric potential difference at the terminals of an electrical conductor with V, and the electric current passing through it with I, Ohm's law states that V = R.I, where R is the electrical resistance characteristic of the conductor. It is a constant, regardless of the value of the current. The current comprises an ordered movement of electrons, driven by an electric field, which have kinetic energy. The work done on them by the field in the unit of time is given by the power. When the flow of charges passes through a resistor, part or all of the kinetic energy of the charges is transferred to the material. This phenomenon is called the Joule effect, and the power transferred to the material is given by: P (W) = V (v) . I (A)

Optics
Part of physics that studies the phenomena connected with the emission, propagation and detection of light.

Optical radiation
Electromagnetic radiation having a wavelength between the X-ray transition region (≈≅1 mm) and the radio waves transition region (≈≅1 mm).

P

Passive cooling
System composed of one or more radiators making sure that a light source (usually LED) is working at an adequate temperature. This system is based entirely on the shape and mass of the radiators.

Photon
From the Greek "Phos, photos" which means light, the photon or quantum of light is the elementary particle of energy making up electromagnetic radiation.

Photometric solid
Spatial representation of the light intensity radiated by any lighting body

Photometry
from greek FOTOS (light) and METRIA (measurement). Branch of physics studying the measurement of photometric values. These are related to the portion of electromagnetic waves spectrum that are visible to the human eye. Photometric values are obtained by radiometric valuess through integration of the radiometric spectrum, calculated on the photopic V curve (lambda) multiplied by 683.

Photopic vision
Vision that occurs when the eye adapts to luminance levels greater than 3-4 candelas per square metre. The cones are considered the main active elements of vision in these conditions.

Planck's law
Planck's law is a law of physics devised by German physicist Max Planck, stating that the energy associated with electromagnetic radiation is transmitted in indivisible packets called quanta, each of which is associated with a single photon.

PMMA
Acronym for Poly Methyl MethAcrylate, a plastic material with transparency and appearance very similar to those of glass; it was initially marketed by German company Rohm under the trade name "Plexiglas". It is widely used in the automotive sector (rear lamp covers of cars and motorcycles) and in lighting.

Polycarbonate
Plastic material with excellent properties of mechanical resistance, especially to bending. It is used instead of glass or PMMA, where good impact resistance and good flexibility are required. It is sensitive to ultraviolet light, which is why it is often treated with paint that can filter the rays.

Power
The power is defined as the work (W) performed in a unit of time (t). According to the principle of equality between work and energy, power measures the amount of energy exchanged in the unit of time, in any transformation process, whether this is mechanical, electrical, thermal or chemical. Measured in watts (W).

Power supply
A power supply is an electrical device that changes the output electrical tension from AC alternate to DC continuous. The electrical power can be adapted in this way so that other electrical equipment can be used. Through a transformer, the level of output tension and current, and therefore power, are modified.

Primary optics
Elements that are first intercepted by light in an optical system.

Profile spot
projector with optic elements able to 'shape' the projection, obtaining a net distinction between light and dark in the projected light profile.

Projector
Optic device able to transfer lighting energy from a source to a projection plan. The transfer can be made replicating the image such as in cinema projectors (imaging optic) or without replicating the image such as in the illuminators (non imaging optic).

R

Radiant energy
Energy emitted, transferred or received as radiation. Measured in joules, j = W.S

Radiation
Emission or transportation of energy in the form of electromagnetic waves or particles.

Radiometry
From latin RADIUS (ray) and greek METRIA (measurement). Branch of physics studying measurement of radiometric magnitudes related to electromagnetic energy, such as radiating flux (W), radiating intensity (W*sr-1), radiation (W*m-2), radiance (W*sr-1*m-2).

Reflection
Physical phenomenon that occurs when a ray of light projects onto a mirror surface. The angle between the incident ray and the perpendicular to the incident point are equal to the angle between the reflected ray and the perpendicular to the incident point.

Reflectance
Ratio between the luminuous flux reflected by a surface and the luminous flux incident on the surface.

Reflective Screen
Screen in which the shielding depends mainly on the phenomenon of refraction.

Reflector
Optic element able to reflect light. This term includes all elements treated with vacuum-sealed aluminium and producing a specular surface. It is a fact though that also all opaque elements are to some extent reflectors.

Refraction
physical phenomenon that occurs when a ray of light projects onto a border between two mediums with a different refraction index (or with two different densities). The refraction law, also known as Snell law, is defined as follows: n*sen(i) = n'*sen(i'). n and n' are refraction indexes of the first and second medium; "i" and " i ' " are the angles relative to the perpendicular of, respectively, the incident ray and the refracted ray.

Remote Control
Infrared remote control for light management.

Retrofit
Light source using an advanced technology replacing an obsolete one with the same mechanical features.

Retroreflector
Optical device designed to deflect the rays that fall on it towards the source of the light. The rays undergo two refractions and a reflection in variously shaped elements.

RGB
Acronym for RED – GREEN – BLUE, used to identify systems with multi-coloured light sources which, through additive synthesis, can create all the colours of the visible range and their possible combinations, including white.

Rods
Photoreceptors of the retina in which pigments are sensitive to scotopic vision. Rods are considered not to play any role in the discrimination of colour stimuli.

S

Security lighting
Part of the emergency lighting system designed to ensure the safety of persons.

Saturation
Attribute of a visual sensation that allows you to judge the proportion of pure chromatic colour in the total sensation.

Scotopic vision
Vision that occurs when the eye adapts to luminance levels less than a few hundredths of a candela per square metre; the rods are considered the main active components of the eye in this condition. The spectrum appears not coloured.

Screen
Part of a lighting device consisting of translucent or opaque elements, geometrically arranged in such a way as to hide the lights from the observer at certain angles.

Secondary optics
In an optical system, these are elements that are intercepted by light in the second place. LED power supplies are created especially for the piloting of LED load. There are two main groups: the constant current power supplies regulate directly the current of the LED load, while the constant tension power supplies create a continuous tension through which other devices controlling LED loads can be operated.

Sensitivity
Quotient between the response Y of a detector and its excitation X.

Service Life
Time period from the first time a light source is switched on and a specific percentage of its estimated life span (e.g. 70%). LED manufacturers estimate the life cycle through tests lasting less than its determined life span. E.g L70 (6K)>36,000 hours means that the light source will produce a luminous flux higher than 70% of its initial luminous flux after 36,000 hours. Also, this estimate was performed through a test of 6,000 hours.

Solid angle
Solid angle subtended at the centre of a sphere by a cap with an area that is numerically equal to the square of the radius. Measured in steradian, sr.

Source
Any element able to product an electromagnetic radiation.

Spectrum
Distribution of a radiometric magnitude (radiance, radiation intensity, radiating flux), as a function of radiations frequency or wave length.

Standard EN60598-1
Standard regarding electrical safety of lighting devices.

Standard IEC/EN 62471
Standard regulating photo biological perspective of the usage of LED sources.

Steradian (sr)
SI unit derived from a solid angle which, having its vertex in the centre of a sphere, cuts an area of the spherical surface equal to that of a square having the radius of the sphere as its side.

T

TCO (Total Cost Ownership)
Latest generation calculation tool used to come up with lighting and system control solutions to ensure a targeted use of energy resources, starting from regular estimates of the costs of installing and operating the equipment.

Tension
Difference between the electric potential between two points in space, caused by their electrical power.

Thermal management
Management of the thermic dissipation of a light fitting, usually LED.

Thermal radiation
Emission process in which the radiant energy has its origin in the thermal agitation of the particles making up the matter (atoms, molecules, ions).

(Theta)
Theta - In a photometric solid with rotational or X-Y symmetry, the angle between the intensity vector with half the maximum value of the solid and a second intensity vector also with half the maximum value, but whose position is a mirror image of the first vector.

/2 (Theta ½)
In a photometric solid with rotational symmetry or XY symmetry, the angle between the maximum intensity vector of the solid and a second intensity vector with half the maximum value.

2 /½ (2 Theta ½)
In a device with rotational or X-Y symmetry, twice the angle between the maximum intensity and the intensity equal to half of the maximum.

TIR lens
Optical element that, associated with an LED, works as a parabolic reflector using the total reflection principle. This happens when the light hits a border between two optical mediums, one firmer and one softer. TIR is the acronym for Total Internal Reflection.

Transformer
Electrical device used to transform input and output electrical power parameters (tension, current intensity), maintaining constant electrical power. The transformer is a device that can be operated in alternate current, thanks to the electromagnetic principles linked to variable fluxes.

Tunable white
Light source able to create different tones of white light, going from warm (2,500K) to cold white (6,500K). It can be made of white or coloured sources.
Neutral white: white light with neutral colour temperature (3,500-5,000K).
Warm white: white light with warm colour temperature (2,500-3,500K).
Cool white: white light with cold colour temperature (5,000-10,000K).

U

UGR
Unigied Glare Ratio. Parameter expressing the glare of a light fitting, through the evaluation of its luminance.

Ultraviolet radiation
Optical radiation with wavelengths shorter than those of visible radiation. In the range between 100 and 400 nm, ultraviolet radiation is generally indicated with the symbols UVA between 315 and 400 nm, UVB between 280 and 315 nm and UVC between 100 and 280 nm.

Uni EN 12464 standard
UNI standard that establishes the lighting technology parameters related to workstations. The standard defines characteristics such as: Minimum illumination, uniformity, colour rendering of sources and UGR for various workplaces. This standard also prescribes the maximum permissible luminance of a device for its use in places where there are video terminals.

V

Very Wide Flood
Term to identify a 2 ½ theta opening greater than 30° in a projector.

Visible radiation
Optical radiation that directly causes a visual sensation. Even if the range of wavelengths concerned in vision depends on the individual and on the illuminance on the retina, the lower limit is normally indicated between 360 nm and 400 nm and the upper limit between 760 nm and 830 nm.

Visual performance
Degree of effectiveness of the visual system, measured for example by the speed and accuracy with which a visual task is accomplished.

Visual task
Set of elements of the work performed.

Voltage drop
Voltage drop (Vf) is a synonym of the potential difference. More specifically if a resistor of resistance R is inserted between two points A and B of an electrical circuit and traversed by a current of intensity I, Ohm's law states that the electric potential at A is greater than at B in a quantity equal to R·i. In other words, between A and B there is a potential difference, or voltage drop, equal to $\Delta V = R \cdot I$

W

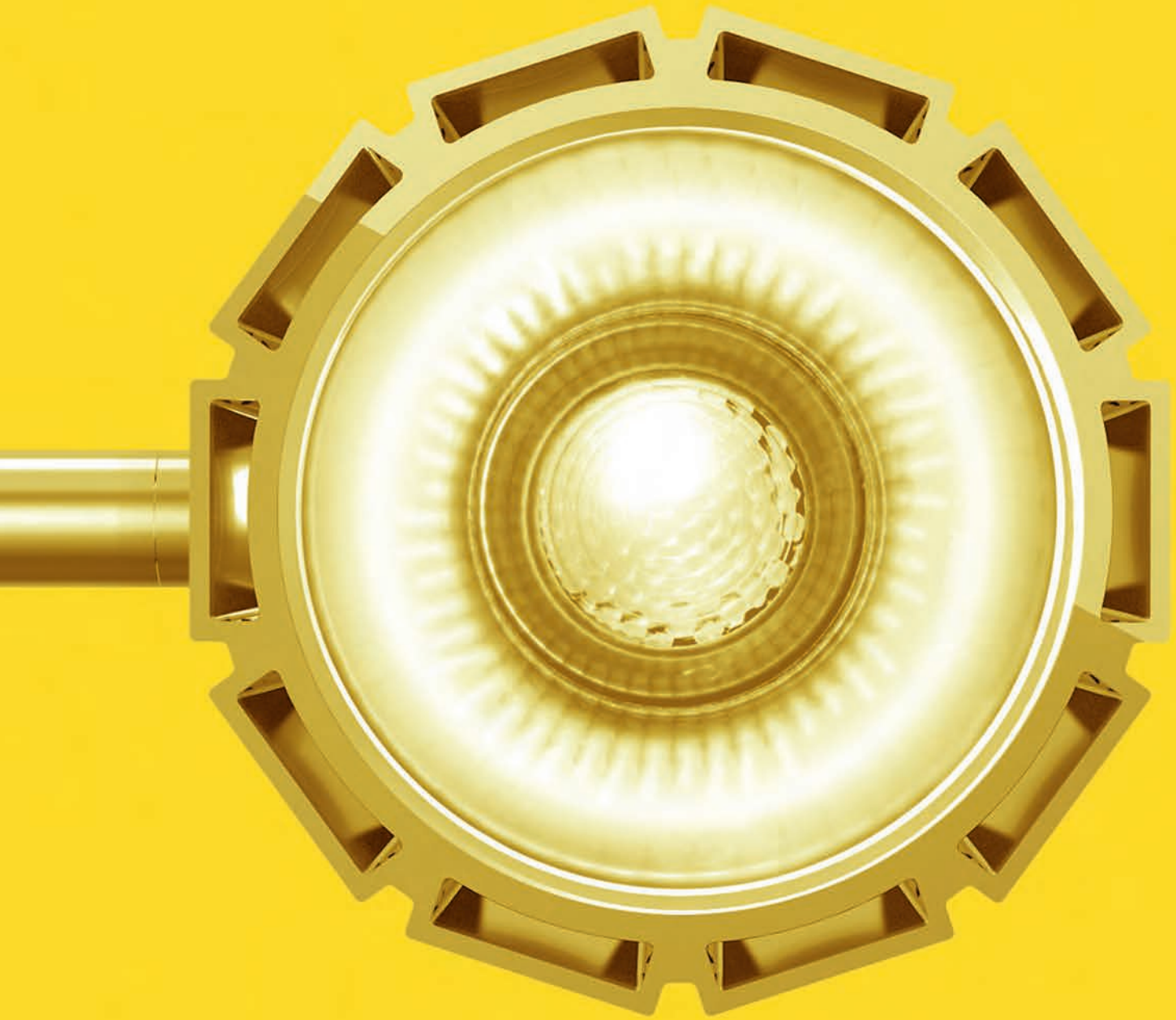
Wall washer
Luminaire designed to illuminate the walls of buildings, whether external or internal; wall washers can be with white light or RGB, they are very frequently used to create spectacular effects outside.

Warm white
White colour of a light source with a colour temperature between 2700 and 3500 Kelvin.

Wavelength (λ)
Distance between two successive points, in the direction of propagation of a periodic wave, in which the oscillation has the same phase. Measured in metres (m) and nano metres (nm).

Wide Flood
Term to identify a 2 ½ theta opening between 20 and 30° in a projector.

Indoor



Projector

30 Cata
62 Airlite
82 Picto
106 Tracks
110 Caelum
132 Java
146 37 Cube
156 PAD
174 PAD 80

Cata

Carlotta de Bevilacqua
2012 - 2014

reddot design award
2014

product
design
award
2012

Cata Optical System

Cata

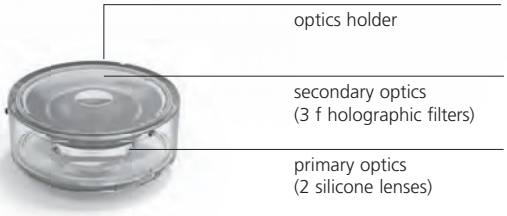
Catadioptric

- High axial intensities with considerable beam collimation.
- High-precision accent lighting.
- Well defined narrow beams.
- Excellent light blending.

Cata TIR

Total Internal Reflection

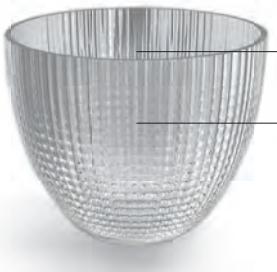
- Extremely compact dimensions.
- High efficiency.
- Wide availability of beam angles.
- Maximum control of light emission.
- Wide range of optical accessories.

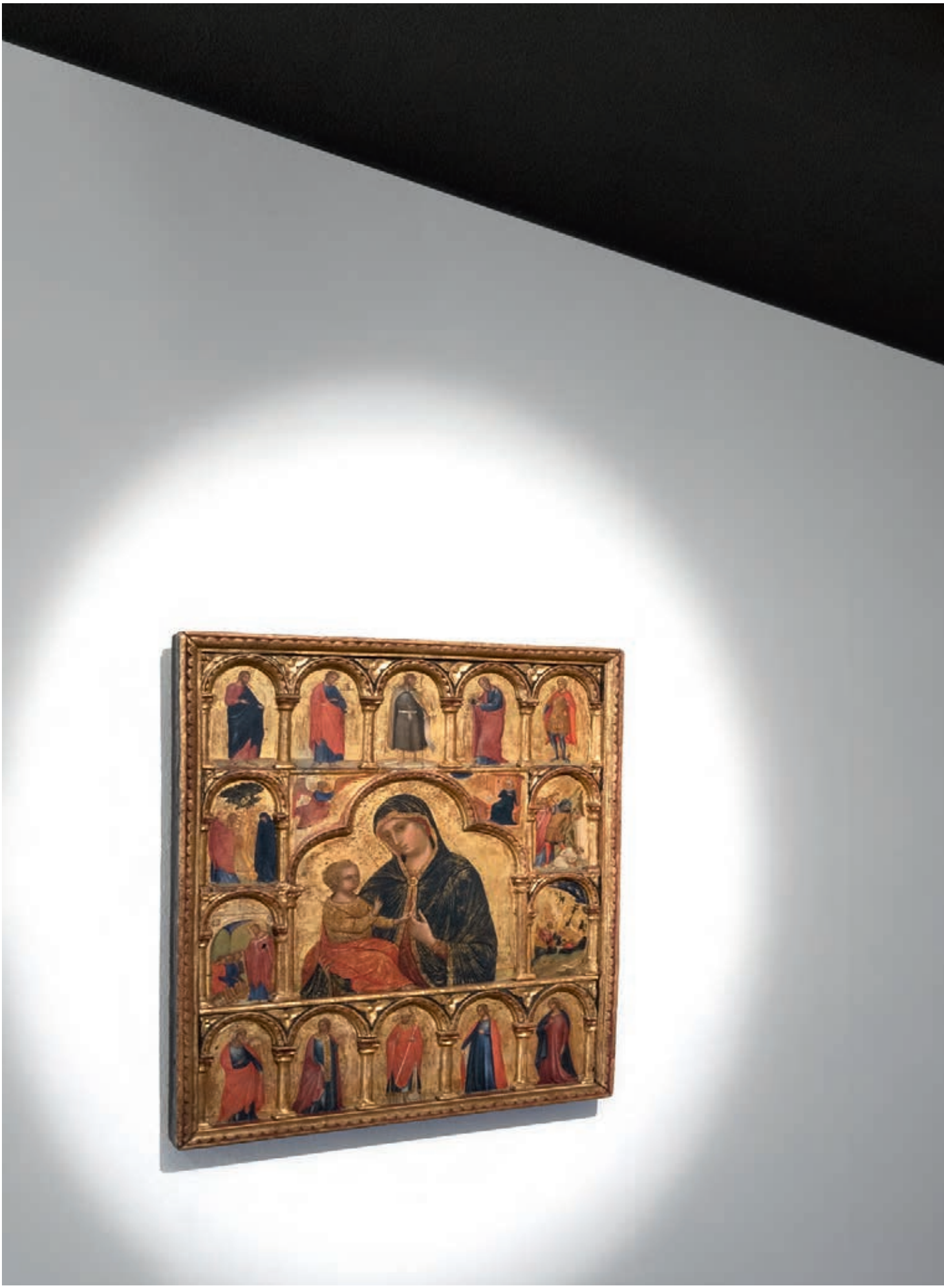


Cata Wide

Reflective & Refractive

- Soft, homogenous light.
- High efficiency.
- Diffused light effect produced by transparent material.



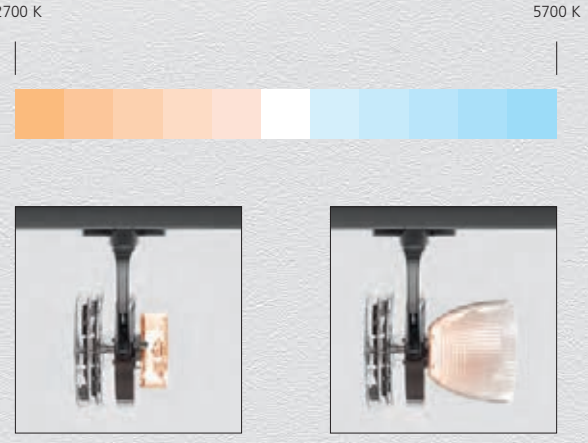


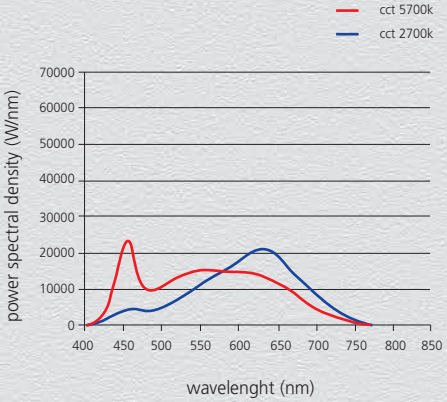
Cata Tunable White

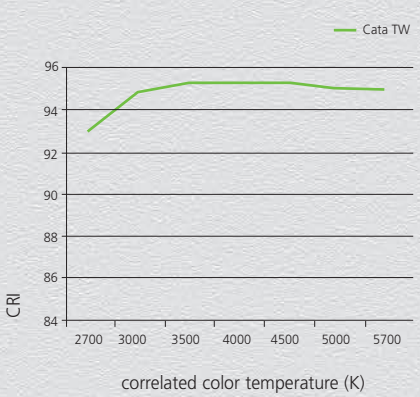
TW®

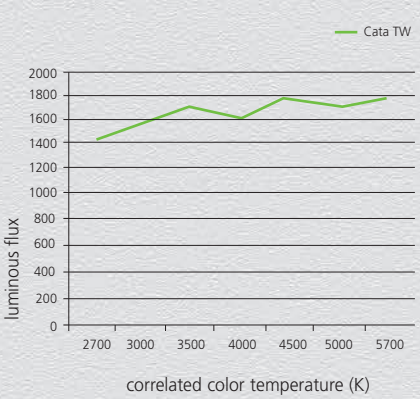
Artemide Tunable White

- Cata projector in its Tunable White version is equipped with an innovative COB with adjustable colour temperature. The white colour temperature can be adjusted from 2700K to 5700K,
  with an impressive CRI >93 (min.)
- Its lighting performance looks to reproduce the best professional halogen sources in terms the quality of light, with the added benefit of non-existent ultraviolet and infrared emissions.
- Cata projector is equipped with custom electronics, specifically designed to interface with different control devices through the DALI8 protocol.









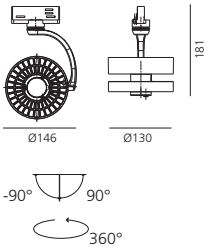
TW®
Artemide Tunable White

Track

W	Weight	CCT
24 W	0,65 kg	2700 K - 5700 K

Dimmable Dali 8

Code
M057783



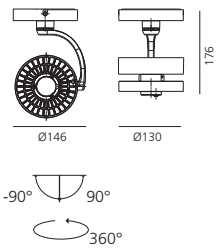
IP20 ⏚ 850°

Ceiling

W	Weight	CCT
24 W	0,75 kg	2700 K - 5700 K

Dimmable Dali 8

Code
M057781



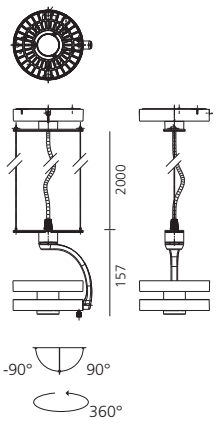
IP20 ⏚ 850°

Suspension

W	Weight	CCT
24 W	0,75 kg	2700 K - 5700 K

Dimmable Dali 8

Code
M066981



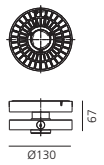
IP20 ⏚ 850°

Ceiling fix

W	Weight	CCT
24 W	0,75 kg	2700 K - 5700 K

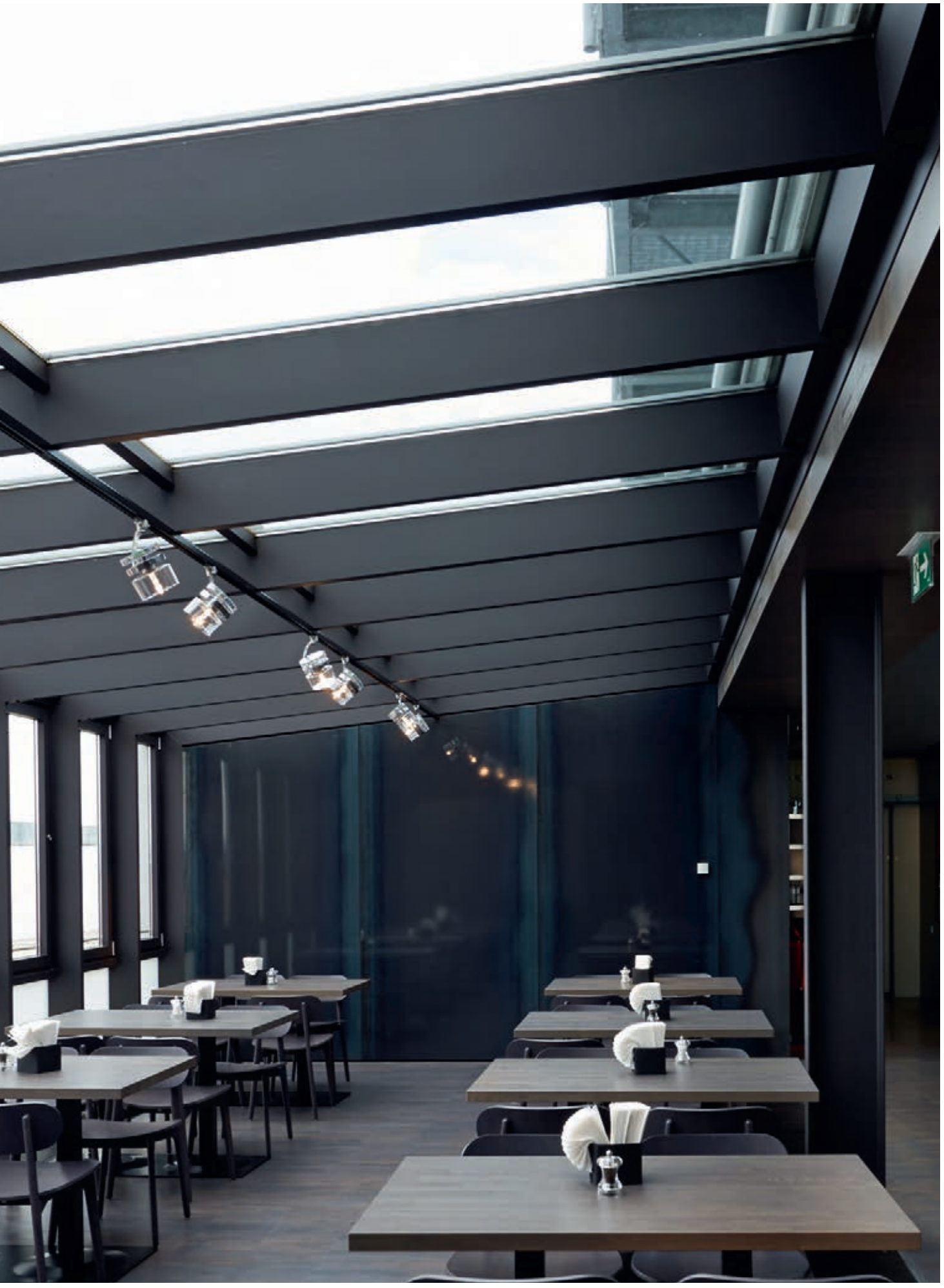
Dimmable Dali 8

Code
M067881



IP20 ⏚ 850°

Cata



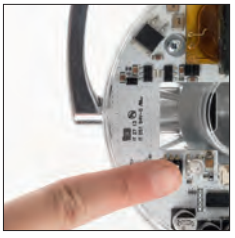
Cata

- Interchangeable optical unit a ‘twist & lock’ mechanism.
- Defined, concentrated light beams thanks to an innovative collimation system.
- 2 beam angles: narrow (14°), spot (10°).
- Excellent quality of light:
- Cata Tuneable White: adjustable colour temperature from 2700K to 5700K CRI >93 (min.)
- Cata Stable White: available as warm white (3000K) and neutral white (4000K) – CRI=80 (min.)
- Rotation of 360°, tilt angle of +90°/-90°
- 4 installation options: with adaptor for 3-circuit track (ceiling only as envisaged by legislation), with power unit for ceiling installation in the adjustable and fixed version, with power unit for suspension installation in the adjustable version.
- Ultra-flat power source (8mm height): DALI dimmable as standard, DALI8 interface hub for Tuneable White version.
- If mounting on a track, it can be used with button on board unit with memory function.
- In all the other mounting modes, optional SwitchDimm operation and resident button with memory function.
- Materials : optic in transparent and metallic polycarbonate, heat sink in die-cast polished aluminium, feeder/power supply in transparent polycarbonate, arm in die-cast polished aluminium.
- Complies with EN60598 standard and other specific standards.

Optical unit
Cata is equipped with a system of interchangeable optics via a ‘twist and lock’ mechanism.

spot 10°

narrow 14°



Patent pending (IT) n° MI2012A000605
Patent pending (US) n° 13/863.246
Patent pending (EU) n° 13163623.5

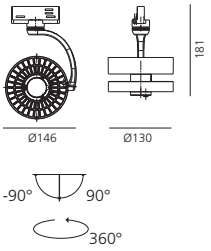
Cata catadioptric

Polished aluminium

Track

W	Weight	CCT	Dali
			Code
29 W	0,70 kg	3000 K	M057383
		4000 K	M057483

To be used in conjunction with DALI 3-circuit tracks.
In absence of DALI bus, CATA can be dimmed using the button on the light fitting.

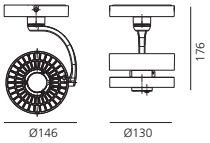


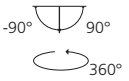
IP20 ⧈ 850°

Ceiling

W	Weight	CCT	Dali-SwitchDim
			Code
29 W	0,70 kg	3000 K	M057381
		4000 K	M057481

In absence of Dali-SwitchDim bus, CATA can be dimmed using the button on the light fitting.



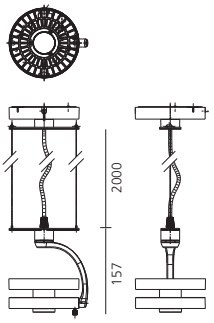


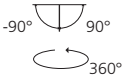
IP20 ⏚ 850°

Suspension

W	Weight	CCT	Dali-SwitchDim
			Code
29 W	0,70 kg	3000 K	M0672W81
		4000 K	M0672N81

In absence of Dali-SwitchDim bus, CATA can be dimmed using the button on the light fitting.



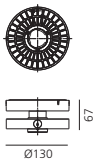


IP20 ⏚ 850°

Ceiling fix

W	Weight	CCT	Dali-SwitchDim
			Code
29 W	0,70 kg	3000 K	M0677W81
		4000 K	M0677N81

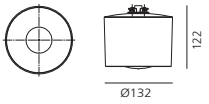
In absence of Dali-SwitchDim bus, CATA can be dimmed using the button on the light fitting.



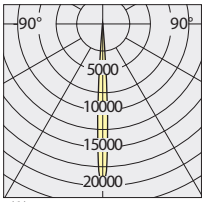
IP20 ⏚ 850°

Optical unit 10°

Weight	Beam	Code
0,25 kg	10°	M057500



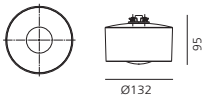
Cata 10°	LED		luminaire		29 W	3000 K			α=10°	4000 K			α=10°
Power	23 W	23 W	29 W	29 W		H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
Flux	2300 lm	2440 lm	898 lm	951 lm		1	0,26	16488	11444	1	0,26	17458	12117
CCT	3000 K	4000 K	3000 K	4000 K		2	0,52	4122	2861	2	0,52	4365	3029
CRI	=80 (min.)					3	0,77	1832	1272	3	0,77	1940	1346
Color tolerance	MacAdam 3SDCM					4	1,03	1032	715	4	1,03	1091	757
Service life	L70(6K)>36000h					5	1,29	660	458	5	1,29	698	485
Beam			10°	10°									
Efficiency			37%	37%									
Efficacy	100 lm/W	106 lm/W	28 lm/W	30 lm/W									



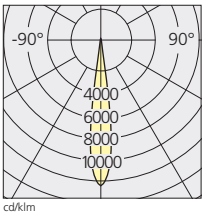
cd/klm

Optical unit 14°

Weight	Beam	Code
0,20 kg	14°	M057600



Cata 14°	LED		luminaire		29 W	3000 K			α=14°	4000 K			α=14°
Power	23 W	23 W	29 W	29 W		H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
Flux	2300 lm	2440 lm	754 lm	800 lm		1	0,25	9877	6686	1	0,25	10480	7094
CCT	3000 K	4000 K	3000 K	4000 K		2	0,49	2469	1671	2	0,49	2620	1773
CRI	=80 (min.)					3	0,74	1097	743	3	0,74	1164	788
Color tolerance	MacAdam 3SDCM					4	0,98	617	418	4	0,98	655	443
Service life	L70(6K)>36000h					5	1,23	395	267	5	1,23	419	284
Beam			14°	14°									
Efficiency			33%	33%									
Efficacy	100 lm/W	106 lm/W	25 lm/W	27 lm/W									



cd/klm

Cata TIR

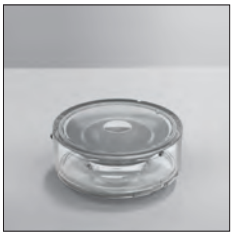
Cata TIR

- Interchangeable optical unit a ‘twist & lock’ mechanism.
- 5 avaible beams: narrow (8°), spot (16°), flood (28°), wide flood (48°), wall washer.
- 2 color temperatures: warm white (3000K) CRI=93 (min.), neutral white (4000K) CRI=90 (min.)
- Rotation of 360°, tilt angle of +90°/-90°.
- 4 installation options: with adaptor for 3-circuit track (ceiling only as envisaged by legislation), with power unit for ceiling installation in the adjustable and fixed version, with power unit for suspension installation in the adjustable version.
- Ultra-flat power source (8mm height): DALI dimmable as standard.
- If mounting on a track, it can be used with button on board unit with memory function.
- If using a ceiling and suspension mount, it can be used in SwitchDimm option and with button on board unit with memory function.
- Materials: optic in transparent polycarbonate and silicone, heat sink in die-cast polished aluminium, feeder/power supply body in transparent polycarbonate, arm in die-cast polished aluminium.
- Complies with EN60598-1 standard and other specific standards.

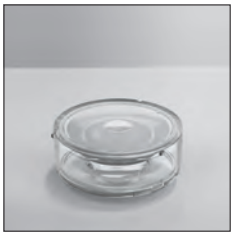
Optical unit
Cata Lens is equipped with a system of interchangeable optics via a ‘twist and lock’ mechanism.

narrow

spot



flood



wide flood

wall washer

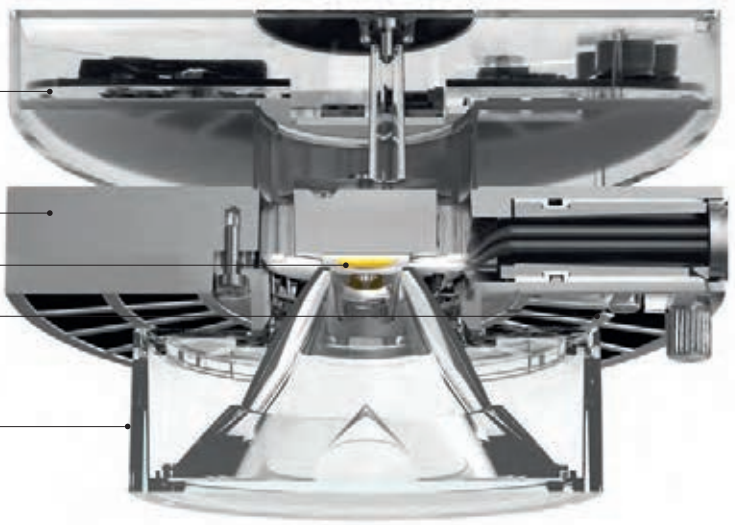
Proprietary power supply

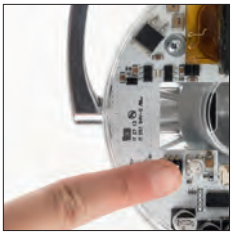
Die cast aluminum heat sink body

LED - 17,5 W

Twist and lock

Optical unit
narrow
spot
flood
wide flood
wall washer





Cata TIR

Polished aluminium

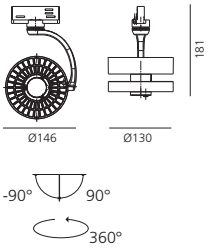
Track

W	Weight	CCT
22,5 W	0,60 kg	3000 K
		4000 K

To be used in conjunction with DALI 3-circuit tracks.
In absence of DALI bus, CATA can be dimmed using the button on the light fitting.

Dali

Code
M0569W83
M0569N83



IP20 ⧈ 850°

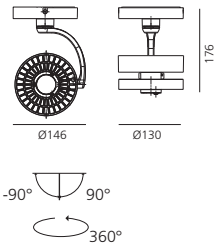
Ceiling

W	Weight	CCT
22,5 W	0,70 kg	3000 K
		4000 K

In absence of Dali-SwitchDim bus, CATA can be dimmed using the button on the light fitting.

Dali-SwitchDim

Code
M0569W81
M0569N81



IP20 ⏚ 850°

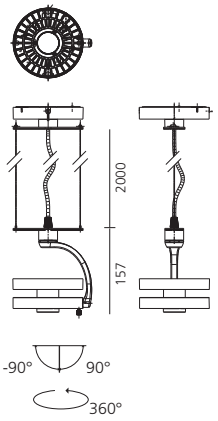
Suspension

W	Weight	CCT
22,5 W	0,70 kg	3000 K
		4000 K

In absence of Dali-SwitchDim bus, CATA can be dimmed using the button on the light fitting.

Dali-SwitchDim

Code
M0671W81
M0671N81



IP20 ⏚ 850°

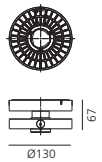
Ceiling fix

W	Weight	CCT
22,5 W	0,70 kg	3000 K
		4000 K

In absence of Dali-SwitchDim bus, CATA can be dimmed using the button on the light fitting.

Dali-SwitchDim

Code
M0676W81
M0676N81

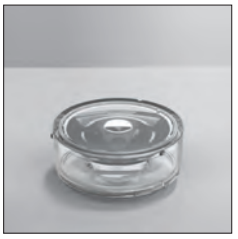


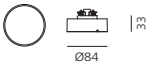
IP20 ⏚ 850°

Optic

Optical unit narrow

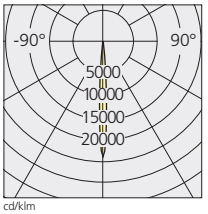
Weight	Beam	Code
0,15 kg	8°	M109500





Cata Lens narrow	LED		luminaire	
Power	17,5 W	17,5W	22,5 W	22,5W
Flux	1380 lm	1485 lm	1000 lm	1070 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=93 (min.)	=90 (min.)		
Color tolerance	MacAdam 2SDCM			
Service life	L70(10K)>50000h			
Beam			8°	8°
Efficiency			72%	72%
Efficacy	79 lm/W	85 lm/W	45 lm/W	48 lm/W

22,5 W

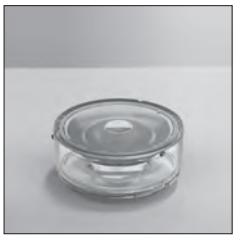


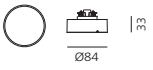
cd/klm

	3000 K			α=8°	4000 K			α=8°
	H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	0,14	23481	13900		1	0,14	25111	14865
2	0,28	5870	3475		2	0,28	6278	3716
3	0,41	2609	1544		3	0,41	2790	1652
4	0,55	1468	869		4	0,55	1569	929
5	0,69	939	556		5	0,69	1004	595

Optical unit spot

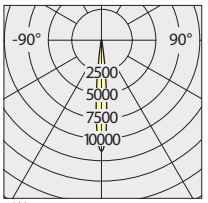
Weight	Beam	Code
0,15 kg	16°	M109600





Cata Lens spot	LED		luminaire	
Power	17,5 W	17,5 W	22,5 W	22,5 W
Flux	1380 lm	1485 lm	1194 lm	1275 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=93 (min.)	=90 (min.)		
Color tolerance	MacAdam 2SDCM			
Service life	L70(10K)>50000h			
Beam			16°	16°
Efficiency			86%	86%
Efficacy	79 lm/W	85 lm/W	54 lm/W	57 lm/W

22,5 W

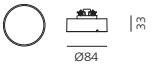


cd/klm

	3000 K			α=16°	4000 K			α=16°
	H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	0,29	13585	9038		1	0,29	14504	9649
2	0,57	3396	2259		2	0,57	3626	2412
3	0,86	1509	1004		3	0,86	1612	1072
4	1,14	849	565		4	1,14	907	603
5	1,43	543	362		5	1,43	580	386

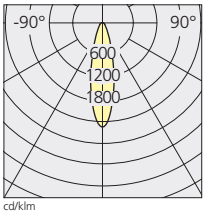
Optical unit flood

Weight	Beam	Code
0,15 kg	28°	M109700



Cata Lens flood	LED		luminaire	
Power	17,5 W	17,5 W	22,5 W	22,5 W
Flux	1380 lm	1485 lm	875 lm	935 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=93 (min.)	=90 (min.)		
Color tolerance	MacAdam 2SDCM			
Service life	L70(10K)>50000h			
Beam			28°	28°
Efficiency			63%	63%
Efficacy	79 lm/W	85 lm/W	40 lm/W	43 lm/W

22,5 W



cd/klm

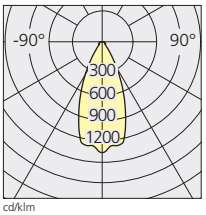
	3000 K			α=28°	4000 K			α=28°
	H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	0,45	2181	1333		1	0,45	2331	1425
2	0,91	545	333		2	0,91	583	356
3	1,36	242	148		3	1,36	259	158
4	1,81	136	83		4	1,81	146	89
5	2,27	87	53		5	2,27	93	57

Optical unit wide flood

Weight	Beam	Code
0,15 kg	48°	M109800

Cata Lens wide flood	LED		luminaire	
Power	17,5 W	17,5 W	22,5 W	22,5 W
Flux	1380 lm	1485 lm	837 lm	906 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=93 (min.)	=90 (min.)		
Color tolerance	MacAdam 2SDCM			
Service life	L70(10K)>50000h			
Beam			48°	48°
Efficiency			61%	61%
Efficacy	79 lm/W	85 lm/W	38 lm/W	40 lm/W

22,5 W



cd/klm

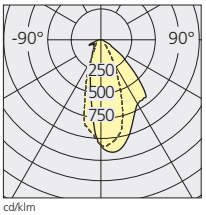
	3000 K				α=48°	4000 K			α=48°
	H m	Ø m	EMax lux	EM lux		H m	Ø m	EMax lux	EM lux
1	0,83		1161	685	1	0,83		1256	742
2	1,67		290	171	2	1,67		314	185
3	2,50		129	76	3	2,50		140	82
4	3,34		73	43	4	3,34		79	46
5	4,17		46	27	5	4,17		50	30

Optical unit ww

Weight	Beam	Code
0,15 kg	ww	M109900

Cata Lens ww	LED		luminaire	
Power	17,5 W	17,5 W	22,5 W	22,5 W
Flux	1380 lm	1485 lm	826 lm	891 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=93 (min.)	=90 (min.)		
Color tolerance	MacAdam 2SDCM			
Service life	L70(10K)>50000h			
Beam			ww	ww
Efficiency			60%	60%
Efficacy	79 lm/W	85 lm/W	50 lm/W	40 lm/W

22,5 W



cd/klm

	3000 K				α=ww	4000 K			α=ww
	H m	Ø m	EMax lux	EM lux		H m	Ø m	EMax lux	EM lux
1	1,12		958	470	1	1,12		1033	507
2	2,25		239	118	2	2,25		258	127
3	3,37		106	52	3	3,37		115	56
4	4,49		60	29	4	4,49		65	32
5	5,61		38	19	5	5,61		41	20

Accessories configuration	narrow	spot	flood	wide flood
1 Glass filter Lens for ellittical emission Soft filter Chromatic filter	●	●	●	●
Anti-dazzle louvre	●	●	●	●
Adjustable dowsers	●	●	●	●
+ Anti-dazzle louvre + Adjustable dowsers	●	●	●	●
+ Anti-dazzle louvre + 1 Glass filter Lens for elliptical emission Soft filter Chromatic filter	●	●	●	●
+ Adjustable dowsers + 1 Glass filter Lens for elliptical emission Soft filter Chromatic filter	●	●	●	●
+ 2 Glass filters Lens for elliptical emission Soft filter Chromatic filter	●	●	●	●

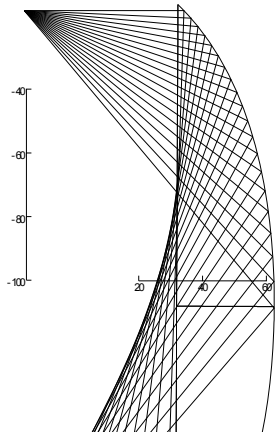
	Color	Code
Accessories holder	◐	M057080
Lens for ellittical emission		M282007
Soft filter		M285207
Chromatic filter	● ● ●	M281745 M281755 M281735
Anti-dazzle louvre	●	M282100
Adjustable dowsers	●	M059910

Cata Wide

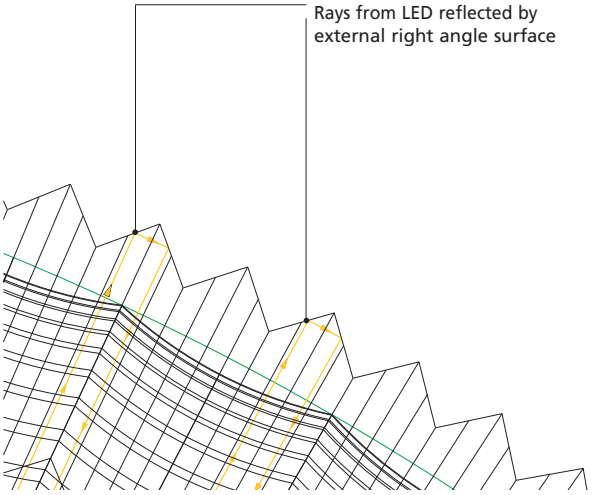
Cata Wide

- Interchangeable optical unit a ‘twist & lock’ mechanism.
- 2 color temperatures: warm white (3000K) CRI=93 (min.), neutral white (4000K) CRI=90 (min.)
- Rotation of 360°, tilt angle of +90°/-90°.
- 4 installation options: with adaptor for 3-circuit track (ceiling only as envisaged by legislation),base plate for ceiling mounting and with power unit for adjustable suspension installation.
- Ultra-flat power source (8mm height): DALI dimmable as standard.
- If mounting on a track, it can be used with button on board unit with memory function.
- If using a ceiling and suspension mount, it can be used in SwitchDimm option and with button on board unit with memory function.
- Materials: optic in transparent polycarbonate and silicone, heat sink in die-cast polished aluminium, feeder/power supply body in transparent polycarbonate, arm in die-cast polished aluminium.
- Complies with EN60598-1 standard and other specific standards.

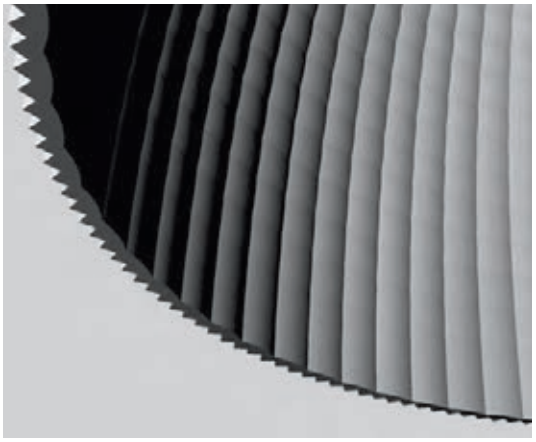
Cata Wide Optical description



Design of optical section



Solid structure with right angle prism to obtain total internal reflection



Spherical portion on internal surface to obtain a smooth and controlled light distribution

Proprietary power supply

Die cast aluminum heat sink body

LED - 17,5 W

Twist and lock

Optical unit

Efficiency of Cata Wide 93%
Direct light efficiency 83% - Ambient efficiency 10%

Cata Wide

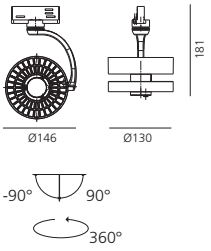
Polished aluminium

Track

W	Weight	CCT	Code
29 W	0,70 kg	3000 K	M057383
		4000 K	M057483

To be used in conjunction with DALI 3-circuit tracks.
In absence of DALI bus, CATA can be dimmed using the button on the light fitting.

Dali



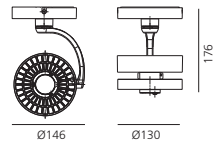
IP20 ⊡ 850°

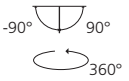
Ceiling

W	Weight	CCT	Code
29 W	0,70 kg	3000 K	M057381
		4000 K	M057481

In absence of Dali-SwitchDim bus, CATA can be dimmed using the button on the light fitting.

Dali-SwitchDim





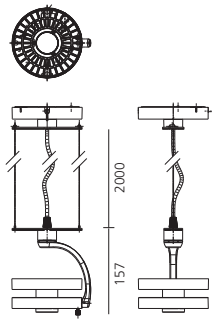
IP20 ⏚ 850°

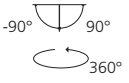
Suspension

W	Weight	CCT	Code
29 W	0,70 kg	3000 K	M0672W81
		4000 K	M0672N81

In absence of Dali-SwitchDim bus, CATA can be dimmed using the button on the light fitting.

Dali-SwitchDim





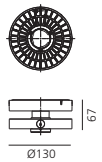
IP20 ⏚ 850°

Ceiling fix

W	Weight	CCT	Code
29 W	0,70 kg	3000 K	M0677W81
		4000 K	M0677N81

In absence of Dali-SwitchDim bus, CATA can be dimmed using the button on the light fitting.

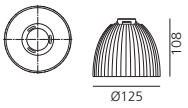
Dali-SwitchDim



IP20 ⏚ 850°

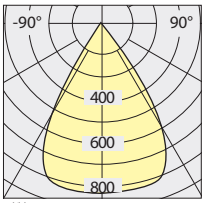
Optical unit 64°

Weight	Beam	Code
0,30 kg	64°	M057800



Cata 64°	LED		luminaire	
Power	23 W	23 W	29 W	29 W
Flux	2300 lm	2440 lm	2013 lm	2134 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(6K)>36000h			
Beam			64°	64°
Efficiency			83%	83%
Efficacy	100 lm/W	106 lm/W	64 lm/W	67 lm/W

29 W



cd/klm

	3000 K			α=64°		4000 K			α=64°
H m	Ø m	EMax lux	EM lux		H m	Ø m	EMax lux	EM lux	
1	1,29	1618	945		1	1,29	1716	1001	
2	2,58	405	236		2	2,58	429	250	
3	3,86	180	105		3	3,86	191	111	
4	5,16	101	59		4	5,16	107	63	
5	6,44	65	38		5	6,44	69	40	

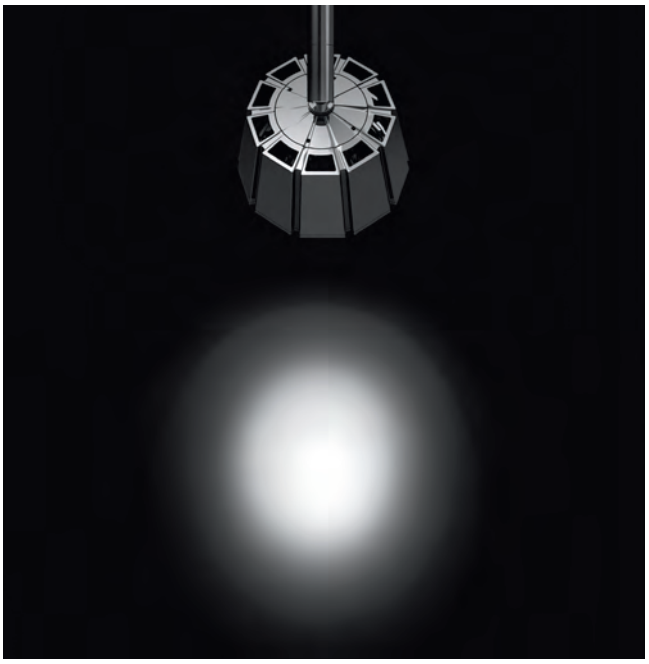
Airlite

Carlotta de Bevilacqua
Paola di Arianello
2012

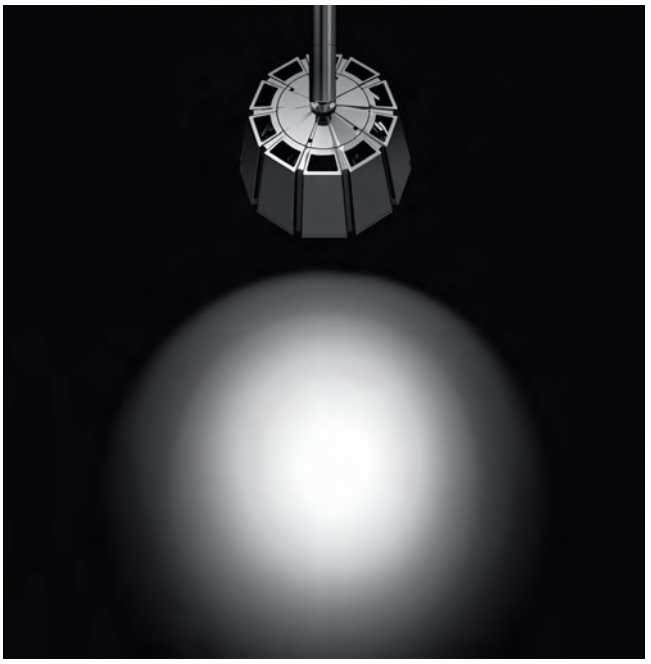
Boasting elevated luminous flux, excellent colour rendering, energy efficiency, and a light compact design, Airlite is an innovative range of LED spotlights with exceptional photometric performance and flexibility. Thanks to an innovative heat dissipation system, air is filtered through open gaps in the die-cast aluminium body, ensuring the efficiency and long life of our LED module. The hybrid optical system provides defined narrow beams, while keeping the light fixture dimensions compact.

Airlite

- 3400 flux lumen output.
- Unique minimal dimensions and virtually weightless: max diameter 139mm x height 85mm. Weight of the die-cast head is 450g.
- High energy efficiency: between 71 and 81 lumens per watt in the spotlight version.
- Innovative LED thermal management (30W): passive heat dissipation system based on a chimney effect.
- Thin, extremely defined beams, thanks to the hybrid optical system.
- Beam angles: 16°, 35°.
- Excellent quality of light:
  Airlite Tuneable White: colour temperature can be adjusted from 2900K to 5500K
  CRI >91 (min.)
  Airlite Stable White in tone: warm white (3000K) and neutral white (4000K) –
  CRI >91 (min.)
- Rotation of 360°, tilt angle of +90°/-90°.
- Available accessories include: elliptical refractor, soft and coloured filters, asymmetric tube, anti-dazzle louvre, adjustable dowsers.
- In addition to adjustable dowsers or asymmetric tube, it is possible to install up to 3 filters / refractors at the same time, or one filter plus the anti-dazzle louvre.
- 3 installation options: with adaptor for 3-circuit track (ceiling mounted version only), with base plate for semi-recessed mounting, or suspension.
- Standard version: DALI dimmable.
  Tuneable White version: DALI8
- Materials: body in die-cast aluminium, reflector in optical aluminium, lens in polycarbonate.
- Complies with standard EN60598-1 and other specific regulations.



Spot
Beam angle 16°
For accent lighting small objects.



Flood
Beam angle 35°
For accent lighting of large objects.

Innovative thermal management

The die-cast aluminium body has a distinctive design, increasing thermal dissipation.
Air is circulated through open gaps, allowing heat to travel out of the fitting, ensuring efficiency and long life of the LED module.
This solution enables the integration of considerable power (30W LED power) into an extremely compact and virtually weightless design.

Dimensions: max diameter 139mm x height 85mm

Weight die-cast head: 450g

Hybrid optical system lens/reflector

Airlite uses high power LED modules within a hybrid optical system (lens and reflector) producing defined narrow beams.
The Airlite 'hybrid' optic technology provides indirect light via a compact reflector adjusted and redirected through the lens.
An innovative solution allowing considerably reduced product dimensions.

Beam angles: 16° / 35°

LED

Power LED: 30 W

Airlite Accessories

Colored filters

Soft filter

Elliptical refractor

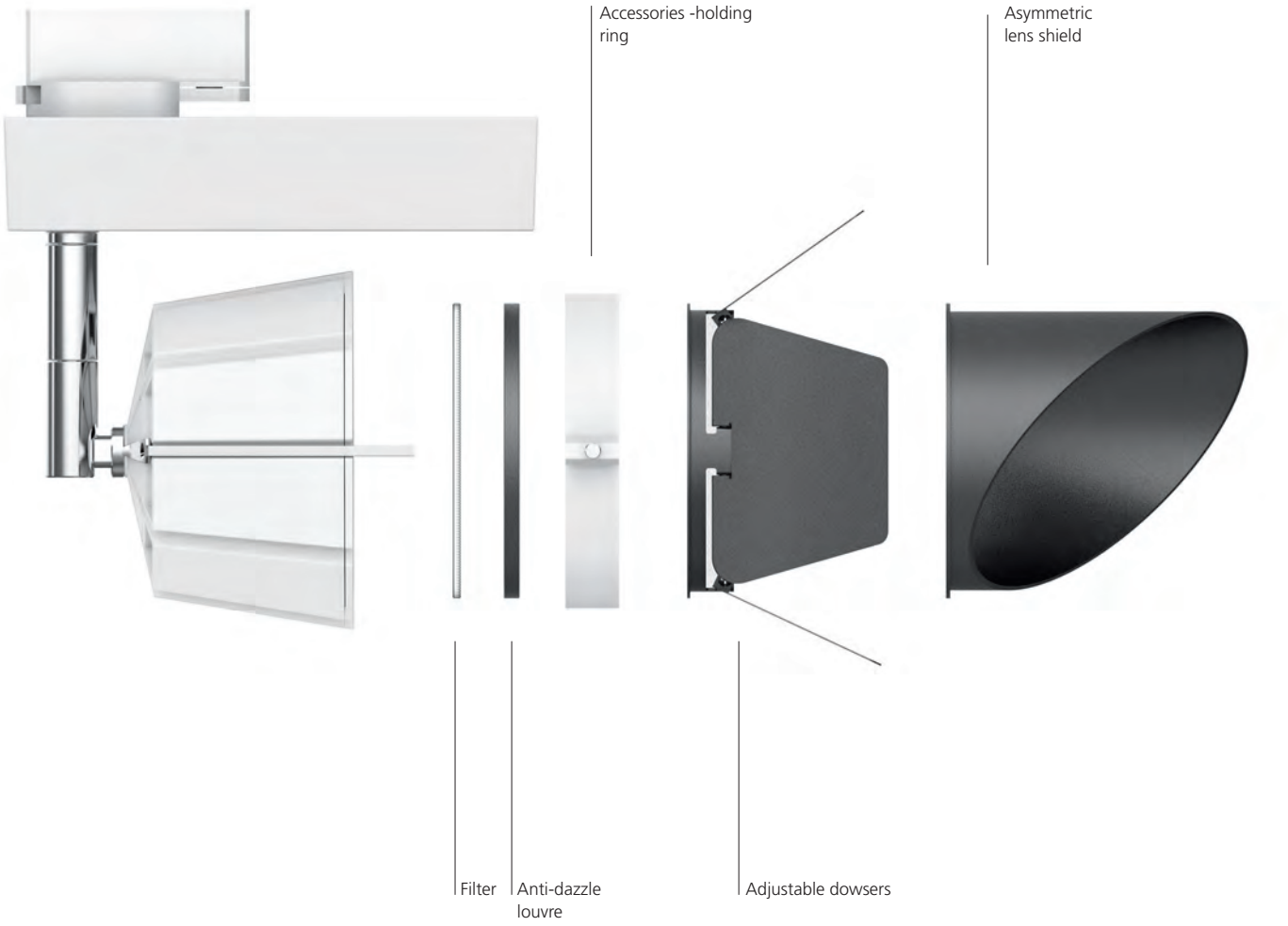
Adjustable dowsers

Anti-dazzle louvre

Asymmetric lens shield

Airlite

It is possible to install up to 3 filters/reflectors at the same time, in addition to adjustable dowsers and asymmetric lens shield.



It is possible to install 1 filter plus anti-dazzle louvre at the same time, in addition to adjustable dowsers and asymmetric lens shield.

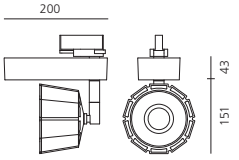
Airlite

White ○ Black ● Polished aluminium ◑ Bronze ●

Track

W	Weight	Beam	Flux	CCT	Color	Non dimmable Code	Dali dimmable Code
35 W	1,60 kg	16°	2544 lm	3000 K	○	M141020	M141021
					●	M141010	M141011
					◑	M141080	M141081
					●	M141050	M141051
			2705 lm	4000 K	○	M141220	M141221
					●	M141210	M141211
					◑	M141280	M141281
					●	M141250	M141251
		35°	2360 lm	3000 K	○	M141120	M141121
					●	M141110	M141111
					◑	M141180	M141181
					●	M141150	M141151
			2510 lm	4000 K	○	M141320	M141321
					●	M141310	M141311
					◑	M141380	M141381
					●	M141350	M141351

IP20 90° 350° 850°

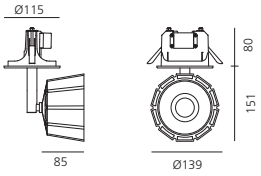


220/240Vac 50/60Hz electronic ballast included.

Semi-recessed

W	Weight	Beam	Flux	CCT	Color	Non dimmable Code	DALI-SwitchDim Code
35 W	1,30 kg	16°	2544 lm	3000 K	○	M141420	M141421
					●	M141410	M141411
					◑	M141480	M141481
					●	M141450	M141451
			2705 lm	4000 K	○	M141620	M141621
					●	M141610	M141611
					◑	M141680	M141681
					●	M141650	M141651
		35°	2360 lm	3000 K	○	M141520	M141521
					●	M141510	M141511
					◑	M141580	M141581
					●	M141550	M141551
			2510 lm	4000 K	○	M141720	M141721
					●	M141710	M141711
					◑	M141780	M141781
					●	M141750	M141751

IP20 90° 350° 850° ø99

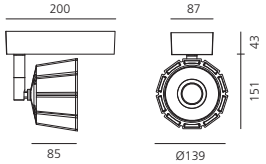


220/240Vac 50/60Hz electronic ballast included.

Ceiling

W	Weight	Beam	Flux	CCT	Color	Non dimmable Code	DALI-SwitchDim Code
35 W	1,30 kg	16°	2544 lm	3000 K	○	M140620	M140621
					●	M140610	M140611
					◑	M140680	M140681
					●	M140650	M140651
			2705 lm	4000 K	○	M140820	M140821
					●	M140810	M140811
					◑	M140880	M140881
					●	M140850	M140851
		35°	2360 lm	3000 K	○	M140720	M140721
					●	M140710	M140711
					◑	M140780	M140781
					●	M140750	M140751
			2510 lm	4000 K	○	M140920	M140921
					●	M140910	M140911
					◑	M140980	M140981
					●	M140950	M140951

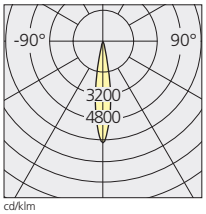
IP20 90° 350° 850°



220/240Vac 50/60Hz electronic ballast included.

Airlite 16°	LED		luminaire	
Power	30 W	30 W	35 W	35 W
Flux	3353 lm	3564 lm	2544 lm	2705 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(9K)>50000h			
Beam			16°	16°
Efficiency			76%	76%
Efficacy	112 lm/W	119 lm/W	73 lm/W	77 lm/W

35 W

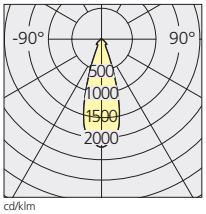


cd/klm

3000 K α=16°				4000 K α=16°			
H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
0,5	0,15	66306	32115	0,5	0,15	70495	34144
1,0	0,30	16576	8029	1,0	0,30	17624	8536
1,5	0,45	7367	3568	1,5	0,45	7833	3794
2,0	0,60	4144	2007	2,0	0,60	4406	2134
2,5	0,75	2652	1285	2,5	0,75	2820	1366
3,0	0,90	1842	892	3,0	0,90	1958	948

Airlite 35°	LED		luminaire	
Power	30 W	30 W	35 W	35 W
Flux	3310 lm	3510 lm	2360 lm	2510 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(9K)>50000h			
Beam			35°	35°
Efficiency			71%	71%
Efficacy	110 lm/W	117 lm/W	67 lm/W	72 lm/W

35 W



cd/klm

3000 K α=35°				4000 K α=35°			
H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	0,61	5521	3467	1	0,61	5871	3687
2	1,21	1380	867	2	1,21	1468	922
3	1,82	613	385	3	1,82	652	410
4	2,43	345	217	4	2,43	367	230
5	3,03	221	139	5	3,03	235	147

Accessories

		Color	Code
	Accessories holder	○	M077820
		●	M077810
		◑	M077880
		●	M077850
	Lens for elliptical emission		M078700
	Soft filter		M078800
	Chromatic filter	●	M078900
		●	M079000
		●	M079100

Accessories

		Color	Code
	Anti-dazzle louvre	●	M078400
	Asymmetric lens shield	●	M078500
	Adjustable dowsers	●	M078600

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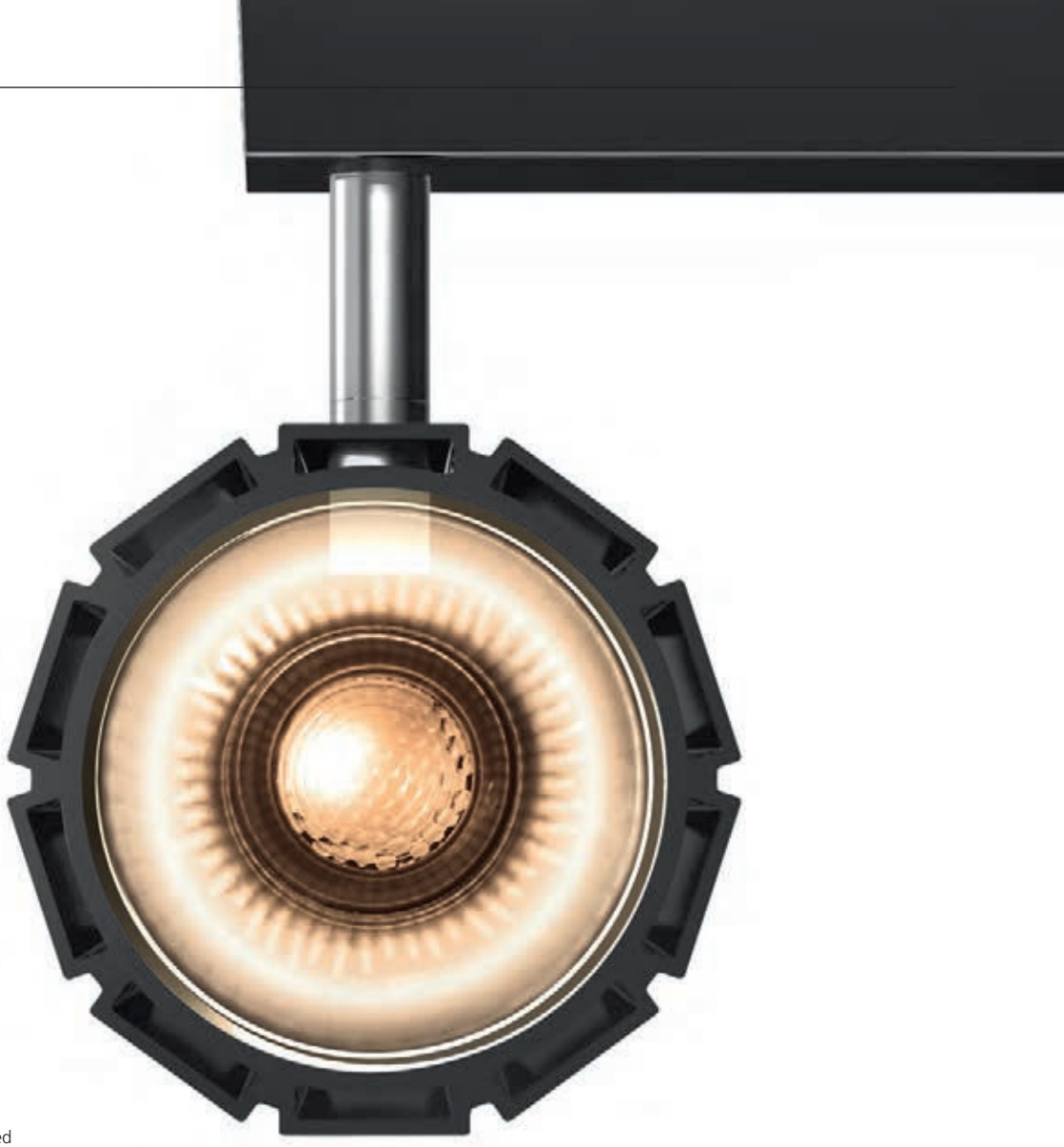
PSVEND

Airlite



TW®

Artemide Tunable White

Airlite Tuneable White projector is equipped with an innovative LED ARRAY of varying colour temperatures: The LED diodes combine to achieve efficient, chromatic uniformity, allowing users to adjust the colour temperature via an electronic control device.

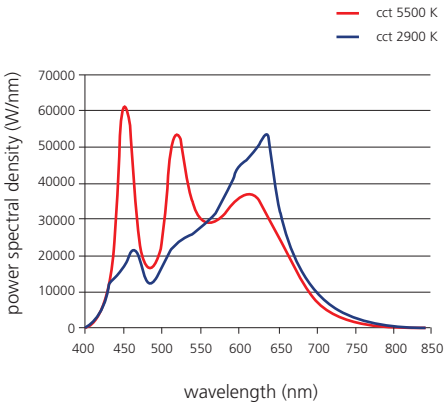
The Airlite Tuneable White projector is a perfect fixture for the retail environment. The ability to adjust colour temperatures from 2900K to 5500K allows for variations in light and atmosphere, giving users the opportunity to highlight different colours, while guaranteeing a high colour rendering indexing (CRI >91 (min.)) with an efficient product (above 85 Lm/W) across the entire spectrum.

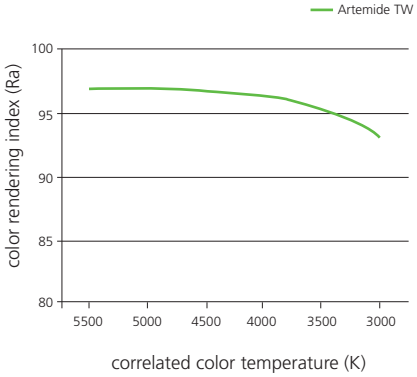
The unique mix of LEDs has been selected to ensure perfect positioning of this light source on the black body locus.

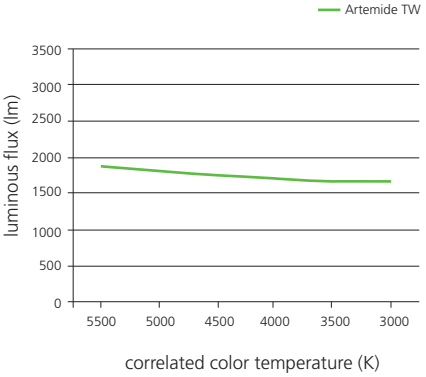
Airlight Tuneable White projector is equipped with custom electronics, specifically designed to interface with different control devices via the DALI8 protocol.

2900 K

5500 K







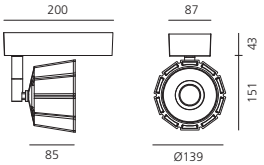
Airlite tunable white

White ○ Black ● Polished aluminium ◑ Bronze ●

Track

W	Weight	Beam	Flux	CCT	Color	Code
35 W	1,60 kg	16°	1748 lm	2900 K-5500 K	○	M142221
					●	M142211
					◑	M142281
					●	M142251
		35°	1578 lm	2900 K-5500 K	○	M142321
					●	M142311
					◑	M142381
					●	M142351

Dali 8 dimmable

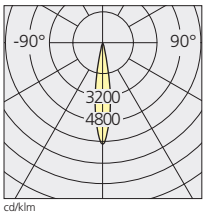


IP20 ⏚
850°

220/240Vac 50/60Hz electronic ballast included

Airlite 16° TW	LED	luminaire
Power	30 W	35 W
Flux	2428 lm	1748 lm
CCT	2900 K-5500 K	2900 K-5500 K
CRI	>91 (min.)	
Color tolerance		
Service life		
Beam		16°
Efficiency		72%
Efficacy	81 lm/W	50lm/W

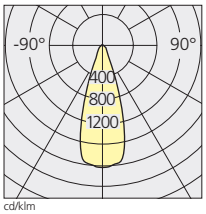
35 W 2900 K-5500 K **α=16°**



H m	Ø m	EMax lux	EM lux
1	0,29	11407	5576
2	0,58	2852	1394
3	0,86	1267	620
4	1,15	713	348
5	1,44	456	223

Airlite 35° TW	LED	luminaire
Power	30 W	35 W
Flux	2428 lm	1578 lm
CCT	2900 K-5500 K	2900 K-5500 K
CRI	>91 (min.)	
Color tolerance		
Service life		
Beam		35°
Efficiency		65%
Efficacy	81 lm/W	45 lm/W

35 W 2900 K-5500 K **α=35°**



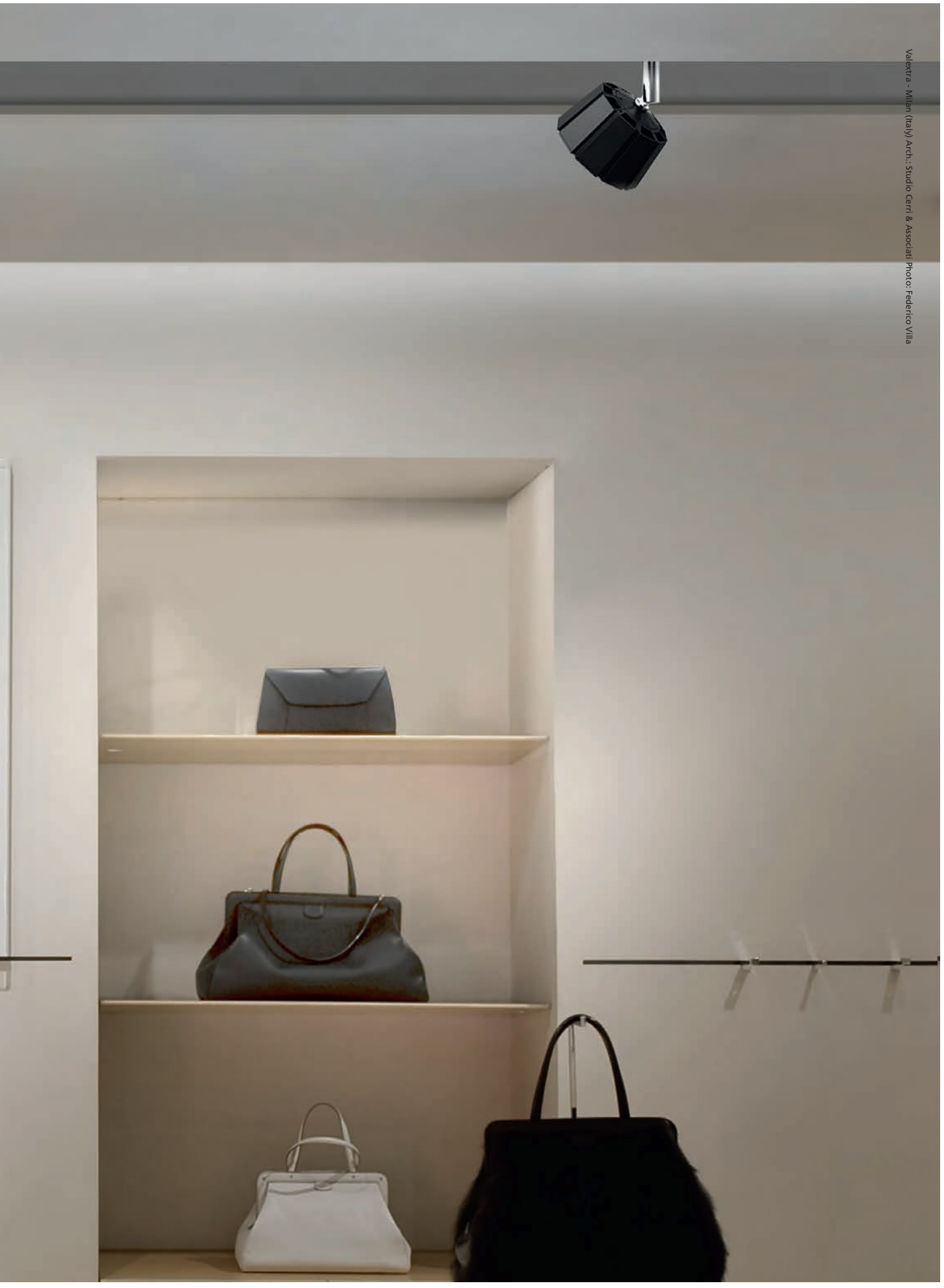
H m	Ø m	EMax lux	EM lux
1	0,63	3193	1384
2	1,27	798	346
3	1,90	355	154
4	2,54	200	87
5	3,17	128	55

Accessories

	Color	Code
Accessories holder	○	M077820
	●	M077810
	◑	M077880
	●	M077850
Lens for elliptical-emission		M078700
Soft filter		M078800

Accessories

	Color	Code
Anti-dazzle louvre	●	M078400
Asymmetric lens shield	●	M078500
Adjustable dowsers	●	M078600



Valextra - Milan (Italy) Arch.: Studio Cerri & Associati Photo: Federico Villa

Airlite suspension

White ○ Black ● Polished aluminium ◑ Bronze ●

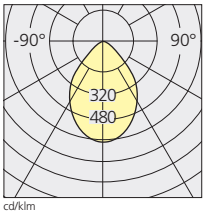
W	Weight	Beam	Flux	CCT	Color	Non dimmable Code
24 W	0,95 kg	78°	1492 lm	3000 K	○	M141820
					●	M141810
					◑	M141880
					●	M141850
			1596 lm	4000 K	○	M141920
					●	M141910
					◑	M141980
					●	M141950

IP20 ⏚
850°

220/240Vac 50/60Hz electronic ballast included.

Airlite 78°	LED		luminaire	
Power	21 W	21 W	24 W	24 W
Flux	2260 lm	2420 lm	1492 lm	1596 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(6K)>35000h			
Beam			78°	78°
Efficiency			66%	66%
Efficacy	108 lm/W	115 lm/W	62 lm/W	67 lm/W

24 W



cd/klm

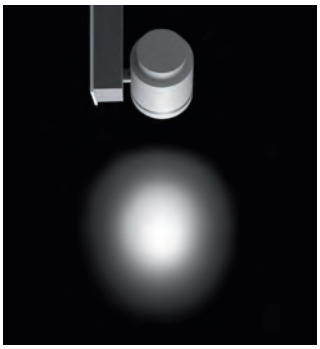
	3000 K			α=78°	4000 K			α=78°
	H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	1,60		976	234	1,60		1044	250
2	3,19		244	58	3,19		261	63
3	4,79		108	26	4,79		108	26
4	6,39		61	15	6,39		65	16
5	7,98		39	9	7,98		42	10

Picto

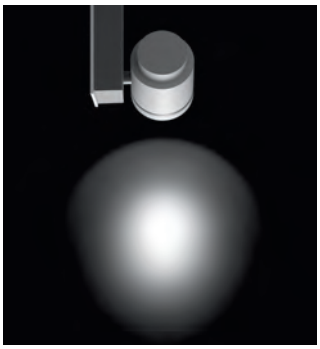
Studio Artemide
2013 (LED)
2009 (Other sources)

This range of professional projectors is distinguished by design, excellent performance and flexibility. Picto is a complete and versatile range, suitable for use in retail spaces, showrooms, museums or art galleries. Available in 3 sizes, with different light sources (LED, metal halide), installation options, designs, colours, optics and a wide range of accessories.

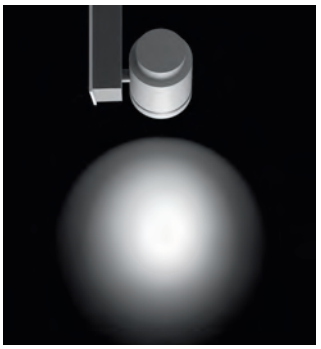
Picto



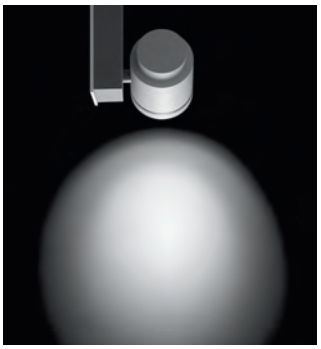
Spot **(SP)**
10° < angle ≤ 20°
To highlight small objects.



Medium flood **(MFL)**
20° < angle ≤ 30°
Standard feature for accent lighting of objects of all sizes.



Flood **(FL)**
30° < angle ≤ 40°
For accent lighting of large objects.



Wide flood **(WFL)**
40° < angle ≤ 60°

Very Wide flood **(VWFL)**
angle > 30°
For diffused lighting of surfaces and parts of an environment, or to highlight products.

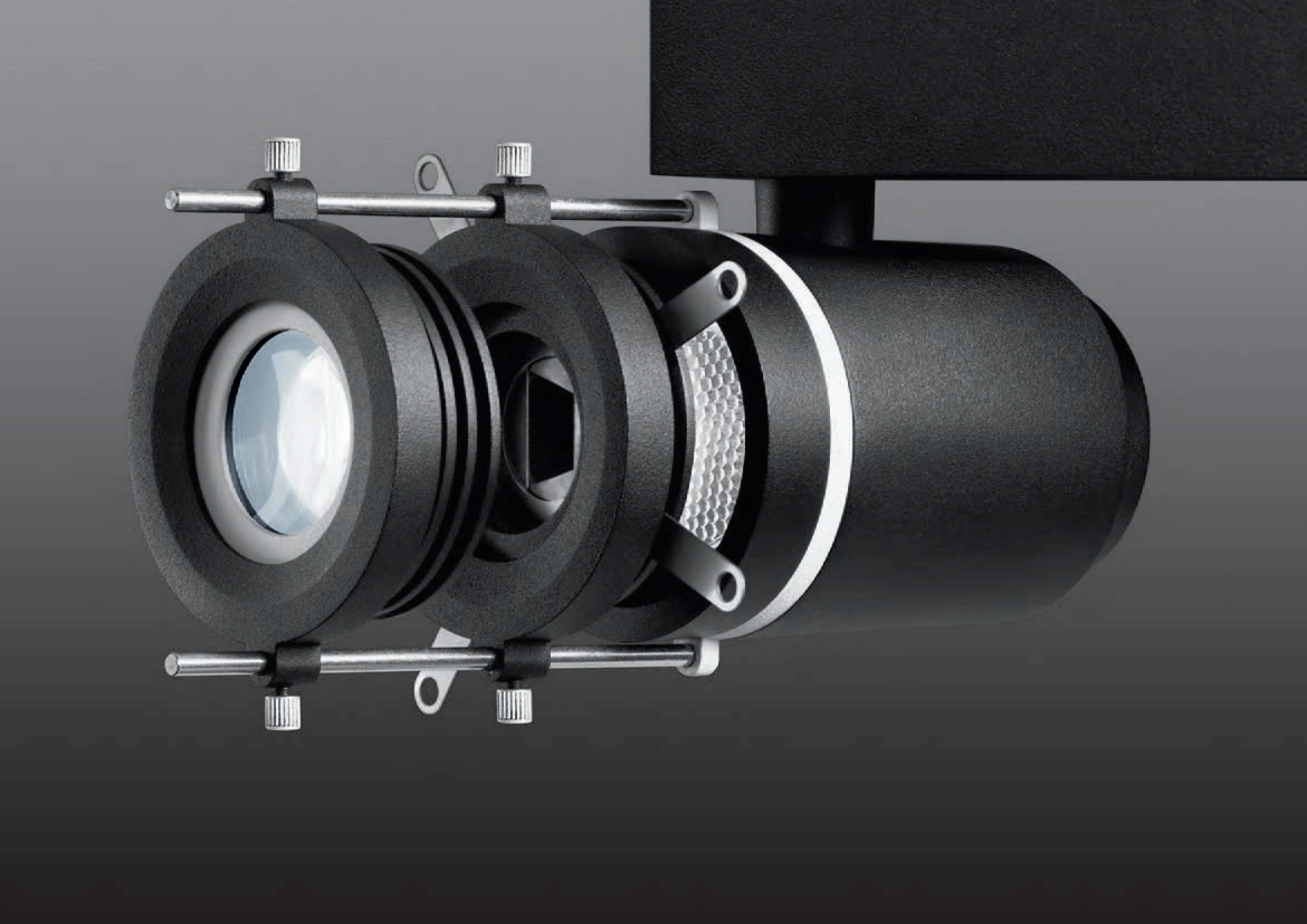
		SP	MFL	FL	WFL	VWFL
Picto 70	**LED**	●			●	
	HIT	●	●	●		
Picto 100	**LED**	●		●		
	HIT	●	●	●	●	
Picto 125	**LED**		●	●		
	HIT		●		●	●

LED	HIT

- Series of high-output LED adjustable projectors, available also in metal halide.
- 3 colours available.
- Optical units available in 3 sizes, depending on the light source: 70 mm, 100 mm, 125 mm.
- Defined narrow beams in the LED version, thanks to the hybrid optical system (Picto 125).
- Beam angles between 10° and 66°.
- Excellent quality of light:
- Picto 125 Tuneable White (LED): colour temperature can be adjusted from 2,900K to 5,500K – CRI>91 (min).
- Picto 70, 100, 125 White (LED): available in warm white (3000K) and neutral white (4000K). CRI=80 (min. Picto 125), CRI=82 (typ Picto 70,100).
- Adjustability: -90°/+90°, rotation up to 355°.
- Precise aiming of the projectors, thanks to advanced locking system.
- Wide range of accessories: UV filters, chromatic filters, louvres, asymmetric diffuser, adjustable dowsers, Gobo to project images or control shape of beam.
- 2 installation options: with 3-circuit track adapter (available for ceiling mounted option), or base plate for ceiling mounting.
- Electronic power supply: with DALI dimmable, Switch DIM or non-dimmable options (depending on light source).
- Materials: injection-moulded aluminium head, aluminium or polymer body, pure aluminium reflectors.
- Compliant to EN60598-1 standard and other specific regulations.

Picto track

White ○ Black ● Silver ●



Picto Color map

White ○ Black ● Silver ●

Accessory-holder colour

○ White

● Black

Projector corresponding colour

Black ●

White ○

Silver ●

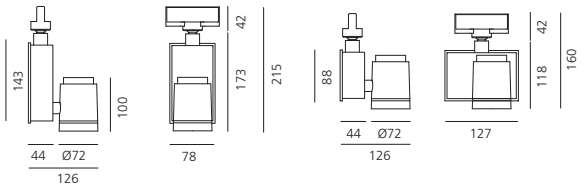
Roberto Cavalli headquarters and showroom Milan (Italy)
Arch: Roberto Cavalli A&DD, Photo: Beppe Raso

Esprit concept store - Dusseldorf (Germany)

Picto 70 LED

White ○ Black ● Silver ●

LED non dimmable						Vertical	Horizontal
W	Weight	Beam	Flux	CCT	Color	Code	Code
18 W	0,75 kg	18°	704 lm	3000 K	○	M222233	M222633
					●	M222243	M222643
					●	M222263	M222663
			757 lm	4000 K	○	M222333	M222733
					●	M222343	M222743
					●	M222363	M222763
		38°	729 lm	3000 K	○	M222433	M222833
					●	M222443	M222843
					●	M222463	M222863
			832 lm	4000 K	○	M222533	M222933
					●	M222543	M222943
					●	M222563	M222963

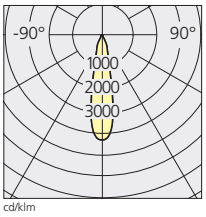


IP20 ⏚ 850°

220/240Vac 50/60Hz electronic ballast included.

Picto 70 LED 18°	LED		luminaire	
Power	15 W	15 W	18 W	18 W
Flux	1160 lm	1320 lm	704 lm	757 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=82 (typ.)			
Color tolerance	MacAdam 4SDCM			
Service life	L70(6K) > 36000h			
Beam			18°	18°
Efficiency			61%	61%
Efficacy	77 lm/W	88 lm/W	39 lm/W	42 lm/W

18 W

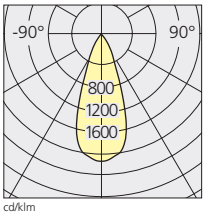


cd/klm

3000 K				α=18°	4000 K				α=18°
H m	Ø m	EMax lux	EM lux		H m	Ø m	EMax lux	EM lux	
1	0,32	3156	1989		1	0,32	3393	2138	
2	0,64	789	497		2	0,64	848	535	
3	0,96	351	221		3	0,96	377	238	
4	1,28	197	124		4	1,28	212	134	
5	1,60	126	80		5	1,60	136	86	

Picto 70 LED 38°	LED		luminaire	
Power	15 W	15 W	18 W	18 W
Flux	1160 lm	1320 lm	729 lm	832 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=82 (typ.)			
Color tolerance	MacAdam 4SDCM			
Service life	L70(6K) > 36000h			
Beam			38°	38°
Efficiency			63%	63%
Efficacy	77 lm/W	88 lm/W	41 lm/W	46 lm/W

18 W



cd/klm

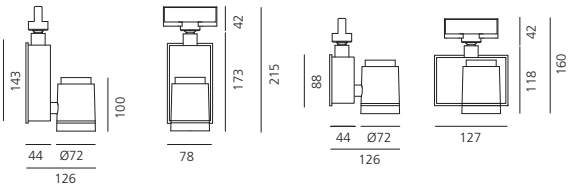
3000 K				α=38°	4000 K				α=38°
H m	Ø m	EMax lux	EM lux		H m	Ø m	EMax lux	EM lux	
1	0,69	1609	1020		1	0,69	1837	1164	
2	1,38	402	255		2	1,38	459	291	
3	2,07	179	113		3	2,07	204	129	
4	2,75	101	64		4	2,75	115	73	
5	3,44	64	41		5	3,44	73	47	

Picto 70 HIT

White ○ Black ● Silver ●

HIT-TC-CE (GU6,5)

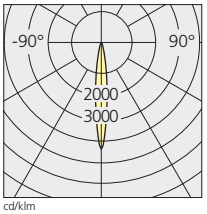
W	Weight	Beam	Flux	Color	Vertical Code	Horizontal Code
20 W	0,75 kg	14°	1700 lm	○	M223433SP	M224033SP
				●	M223443SP	M224043SP
				●	M223463SP	M224063SP
		24°	1700 lm	○	M223433MFL	M224033MFL
				●	M223443MFL	M224043MFL
				●	M223463MFL	M224063MFL
		42°	1700 lm	○	M223433FL	M224033FL
				●	M223443FL	M224043FL
				●	M223463FL	M224063FL
35 W		14°	3400 lm	○	M223533SP	M224133SP
				●	M223543SP	M224143SP
				●	M223563SP	M224163SP
		24°	3400 lm	○	M223533MFL	M224133MFL
				●	M223543MFL	M224143MFL
				●	M223563MFL	M224163MFL
		42°	3400 lm	○	M223533FL	M224133FL
				●	M223543FL	M224143FL
				●	M223563FL	M224163FL



IP20 ⏚
850°

220/240Vac 50/60Hz electronic ballast included.

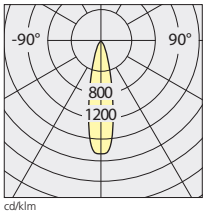
20 W/1700 lm — Efficiency 47% — α=14°



cd/klm

H m	Ø m	EMax lux	EM lux
1	0,22	7467	4607
2	0,44	1867	1152
3	0,65	830	512
4	0,87	467	288
5	1,09	299	184

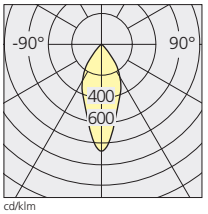
20 W/1700 lm — Efficiency 49% — α=24°



cd/klm

H m	Ø m	EMax lux	EM lux
1	0,42	3127	2019
2	0,85	782	505
3	1,27	347	224
4	1,69	195	126
5	2,12	125	81

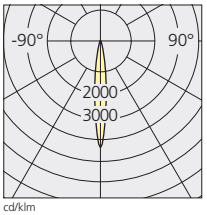
20 W/1700 lm — Efficiency 58% — α=42°



cd/klm

H m	Ø m	EMax lux	EM lux
1	0,75	1491	799
2	1,49	373	200
3	2,24	166	89
4	2,99	93	50
5	3,73	60	32

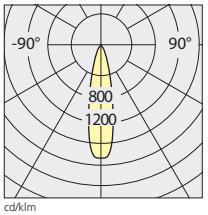
35 W/3400 lm — Efficiency 47% — α=14°



cd/klm

H m	Ø m	EMax lux	EM lux
1	0,22	14935	9214
2	0,44	3734	2303
3	0,65	1659	1024
4	0,87	933	576
5	1,09	597	369

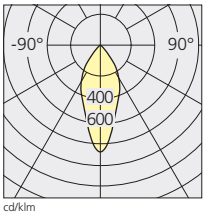
35 W/3400 lm — Efficiency 49% — α=24°



cd/klm

H m	Ø m	EMax lux	EM lux
1	0,42	6254	4039
2	0,85	1563	1010
3	1,27	695	449
4	1,69	391	252
5	2,12	250	162

35 W/3400 lm — Efficiency 56% — α=42°



cd/klm

H m	Ø m	EMax lux	EM lux
1	0,75	2983	1598
2	1,49	746	399
3	2,24	3331	178
4	2,99	186	100
5	3,73	119	64

HIPAR51-CE-P (GX10)

W	Weight	Color	Code	Code
35 W	0,62 kg	○	M223133	M223733
		●	M223143	M223743
		●	M223163	M223763

Picto 100 LED

White ○ Black ● Silver ●

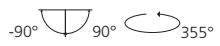
LED Vertical

W	Weight	Beam	Flux	CCT	Color	Non dimmable Code	Dali dimmable Code
23 W	1,20 kg	24°	1169 lm	3000 K	○	M229533	M236633
					●	M229543	M236643
					●	M229563	M236663
			1250 lm	4000 K	○	M229633	M236733
					●	M229643	M236743
					●	M229663	M236763
		42°	1211 lm	3000 K	○	M229733	M236833
					●	M229743	M236843
					●	M229763	M236863
			1296 lm	4000 K	○	M229833	M236933
					●	M229843	M236943
					●	M229863	M236963

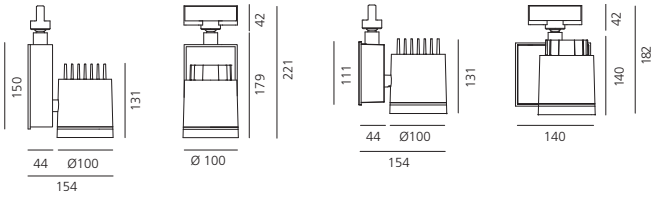
LED Horizontal

W	Weight	Beam	Flux	CCT	Color	Non dimmable Code	Dali dimmable Code
23 W	1,20 kg	24°	1169 lm	3000 K	○	M236233	M237033
					●	M236243	M237043
					●	M236263	M237063
			1250 lm	4000 K	○	M236333	M237133
					●	M236343	M237143
					●	M236363	M237163
		42°	1211 lm	3000 K	○	M236433	M237233
					●	M236443	M237243
					●	M236463	M237263
			1296 lm	4000 K	○	M236533	M237333
					●	M236543	M237343
					●	M236563	M237363

IP20 ⏚ 850°

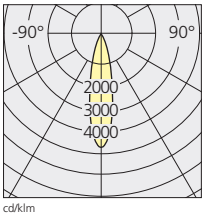


220/240Vac 50/60Hz electronic ballast included.



Picto 100 LED 24°	LED		luminaire	
Power	19 W	19 W	23 W	23 W
Flux	1916 lm	2049 lm	1169 lm	1250 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=82 (typ.)			
Color tolerance	MacAdam 4SDCM			
Service life	L70(6K) > 36000h			
Beam			24°	24°
Efficiency			61%	61%
Efficacy	100 lm/W	108 lm/W	51 lm/W	54 lm/W

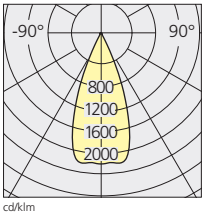
23 W



3000 K α=24°				4000 K α=24°			
H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	0,40	5162	3200	1	0,40	5520	3443
2	0,81	1291	805	2	0,81	1380	861
3	1,21	574	358	3	1,21	613	383
4	1,61	323	201	4	1,61	345	215
5	2,02	206	129	5	2,02	221	138

Picto 100 LED 42°	LED		luminaire	
Power	19 W	19 W	23 W	23 W
Flux	1985 lm	2124 lm	1211 lm	1296 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=82 (typ.)			
Color tolerance	MacAdam 4SDCM			
Service life	L70(6K) > 36000h			
Beam			42°	42°
Efficiency			61%	61%
Efficacy	104 lm/W	111 lm/W	53 lm/W	56 lm/W

23 W



3000 K α=42°				4000 K α=42°			
H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	0,75	2671	1702	1	0,75	2858	1821
2	1,50	668	425	2	1,50	715	455
3	2,26	297	189	3	2,26	318	202
4	3,01	167	106	4	3,01	179	114
5	3,76	107	68	5	3,76	114	73

Picto 100 HIT

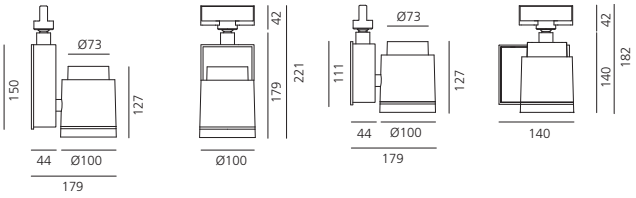
White ○ Black ● Silver ●

HIT-TC-CE (G8,5)

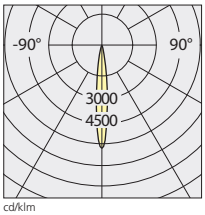
W	Weight	Beam	Flux	Color	Vertical Code	Horizontal Code
35 W	1,00 kg	12°	3500 lm	○	M224233SP	M224733SP
				●	M224243SP	M224743SP
				●	M224263SP	M224763SP
		22°	3500 lm	○	M224233MFL	M224733MFL
				●	M224243MFL	M224743MFL
				●	M224263MFL	M224763MFL
		28°	3500 lm	○	M224233FL	M224733FL
				●	M224243FL	M224743FL
				●	M224263FL	M224763FL
		38°	3500 lm	○	M224233WFL	M224733WFL
				●	M224243WFL	M224743WFL
				●	M224263WFL	M224763WFL
70 W	1,00 kg	12°	6900 lm	○	M224333SP	M224833SP
				●	M224343SP	M224843SP
				●	M224363SP	M224863SP
		22°	6900 lm	○	M224333MFL	M224833MFL
				●	M224343MFL	M224843MFL
				●	M224363MFL	M224863MFL
		28°	6900 lm	○	M224333FL	M224833FL
				●	M224343FL	M224843FL
				●	M224363FL	M224863FL
		38°	6900 lm	○	M224333WFL	M224833WFL
				●	M224343WFL	M224843WFL
				●	M224363WFL	M224863WFL

IP20 ⏚
850°

220/240Vac 50/60Hz electronic ballast included.



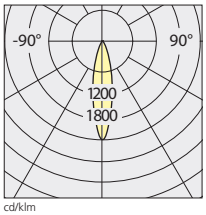
35 W/3500 lm — Efficiency 54% — α=12°



cd/klm

H m	Ø m	EMax lux	EM lux
1	0,21	22516	14438
2	0,42	5629	3609
3	0,63	2502	1604
4	0,84	1407	902
5	1,05	901	578

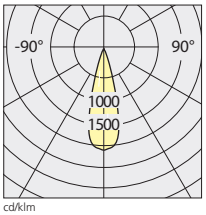
35 W/3500 lm — Efficiency 62% — α=22°



cd/klm

H m	Ø m	EMax lux	EM lux
1	0,40	8505	5126
2	0,81	2126	1282
3	1,21	945	570
4	1,61	532	320
5	2,02	340	205

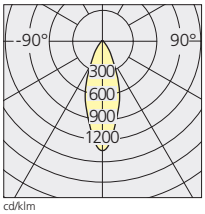
35 W/3500 lm — Efficiency 59% — α=28°



cd/klm

m	m	lux	lux
1	0,51	7477	4963
2	1,03	1869	1241
3	1,54	831	551
4	2,05	467	310
5	2,56	299	199

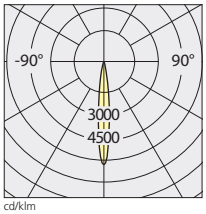
35 W/3500 lm — Efficiency 63% — α=38°



cd/klm

H m	Ø m	EMax lux	EM lux
1	0,66	4520	2549
2	1,32	1130	637
3	1,97	502	283
4	2,63	282	159

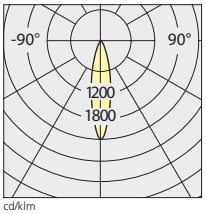
70 W/6900 lm — Efficiency 54% — α=12°



cd/klm

H m	Ø m	EMax lux	EM lux
1	0,21	44389	28463
2	0,42	11097	7116
3	0,63	4932	3163
4	0,84	2774	1779
5	1,05	1776	1139

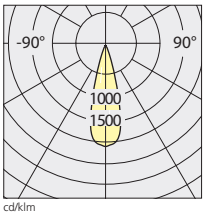
70 W/6900 lm — Efficiency 62% — α=22°



cd/klm

H m	Ø m	EMax lux	EM lux
1	0,40	16766	10106
2	0,81	44192	2527
3	1,21	1863	1123
4	1,61	1048	632
5	2,02	671	404

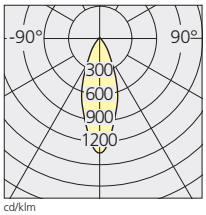
70 W/6900 lm — Efficiency 59% — α=28°



cd/klm

H m	Ø m	EMax lux	EM lux
1	0,51	14741	9784
2	1,03	3685	2446
3	1,54	1638	1087
4	2,05	921	612
5	2,56	590	391

70 W/6900 lm — Efficiency 63% — α=38°



cd/klm

H m	Ø m	EMax lux	EM lux
1	0,66	8911	5052
2	1,32	2228	1256
3	1,97	990	558
4	2,63	557	314

White ○ Black ● Silver ●

Accessories Picto 70

		Projector	Color*	Code
	Accessory-holder + asymmetric diffuser (black)	○	●	M083037
		●	○	M083017
		●	●	M083037
	Accessory-holder + adjustable dowsers (black)	○	●	M082837
		●	○	M082817
		●	●	M082837
	Accessory-holder + projection lens to control shape of beam	○	●	M083937
		●	○	M083917
		●	●	M083937
	Accessory-holder + projection lens for gobo Gobo to be ordered separately	○	●	M083837
		●	○	M083817
		●	●	M083837
	Customized gobo in silk-screen printed glass Ø 37,5 mm Thickness 1,1 mm Light fitting min Ø 10 mm max Ø 20 mm			M080800
	Accessory for ceiling installation	○		L176320
		●		L176330
		●		L176370

Accessories Picto 100

		Projector	Color*	Code
	Accessory-holder + asymmetric diffuser (black)	○	●	M082737
		●	○	M082717
		●	●	M082737
	Accessory-holder + adjustable dowsers (black)	○	●	M082637
		●	○	M082617
		●	●	M082637
	Accessory-holder + anti-dazzle louvre	○	●	M081737
		●	○	M081717
		●	●	M081737
	UV Filter			M080545
	Accessory for ceiling installation	○		L176320
		●		L176330
		●		L176370

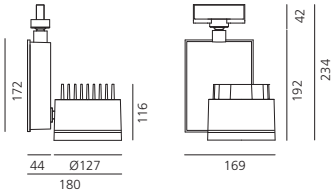
Picto 125 LED track tunable white

White ○ Black ● Silver ●

W	Weight	Beam	Flux	CCT	Color	manual adjustment Code	Dali 8 Code
35 W	2,60 kg	16°	1335 lm	2900 K-	○	M278033	M278233
				5500 K	●	M278043	M278243
					●	M278063	M278263
		36°	1238 lm	2900 K-	○	M278133	M278333
				5500 K	●	M278143	M278343
					●	M278163	M278363

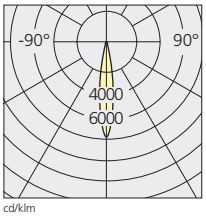
220/240Vac 50/60Hz electronic ballast included.

IP20 ⏚
850°



Picto 125 LED TW 16°	LED	luminaire
Power	30 W	35 W
Flux	2428 lm	1335 lm
CCT	2900 K-5500 K	2900 K-5500 K
CRI	>93 (min.)	
Color tolerance		
Service life		
Beam		16°
Efficiency		55%
Efficacy	81 lm/W	38 lm/W

35 W 2900 K-5500 K **α=16°**

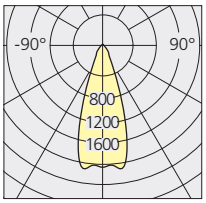


cd/klm

H m	Ø m	EMax lux	EM lux
1	0,28	10259	4997
2	0,57	2565	1249
3	0,85	1140	555
4	1,14	641	312
5	1,44	410	200

Picto 125 LED TW 36°	LED	luminaire
Power	30 W	35 W
Flux	2428 lm	1238 lm
CCT	2900 K-5500 K	2900 K-5500 K
CRI	>93 (min.)	
Color tolerance		
Service life		
Beam		36°
Efficiency		51%
Efficacy	81 lm/W	35 lm/W

35 W 2900 K-5500 K **α=36°**

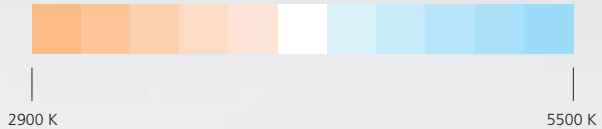


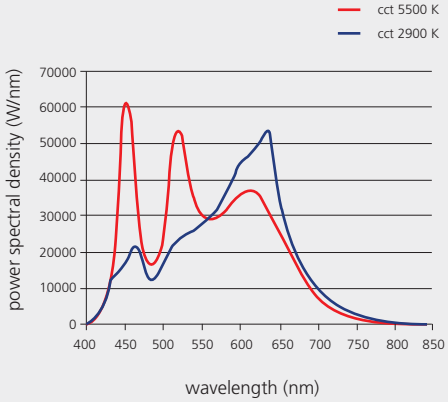
cd/klm

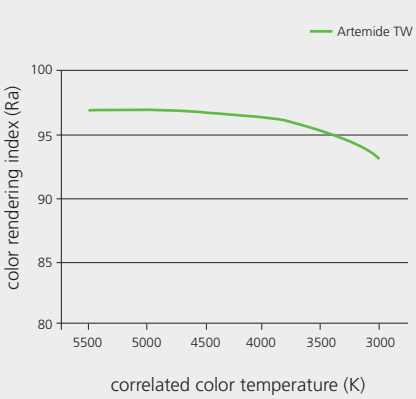
H m	Ø m	EMax lux	EM lux
1	0,67	2524	1104
2	1,33	631	276
3	2,00	280	123
4	2,66	158	69
5	3,33	101	44

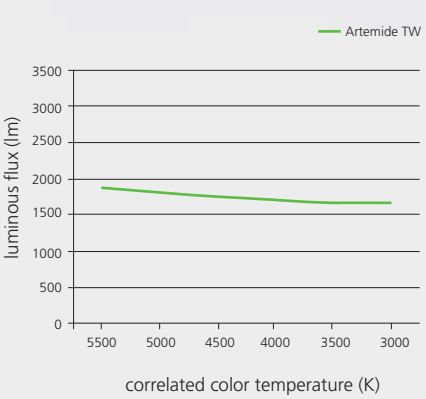
TW®

Artemide Tunable White







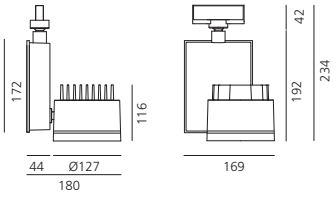


Picto 125 LED track stable white

White ○ Black ● Silver ●

						non dimmable	Dali dimmable
W	Weight	Beam	Flux	CCT	Color	Code	Code
35 W	2,60 kg	16°	2072 lm	3000 K	○	M237433	M243633
					●	M237443	M243643
					●	M237463	M243663
			2217 lm	4000 K	○	M237533	M243733
					●	M237543	M243743
					●	M237563	M243763
		36°	1899 lm	3000 K	○	M237633	M243833
					●	M237643	M243843
					●	M237663	M243863
			2032 lm	4000 K	○	M237733	M243933
					●	M237743	M243943
					●	M237763	M243963

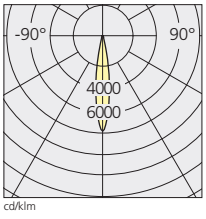
IP20 ⏚
850°



220/240Vac 50/60Hz electronic ballast included.

Picto 125 LED 16°	LED		luminaire	
Power	31 W	31 W	35 W	35 W
Flux	3454 lm	3695 lm	2072 lm	2217 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance				
Service life	MacAdam 3SDCM			
Beam	L70(6K) > 36000h		16°	16°
Efficiency			60%	60%
Efficacy	111 lm/W	119 lm/W	59 lm/W	63 lm/W

35 W

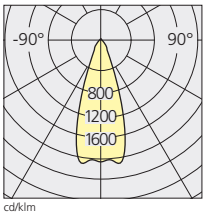


cd/klm

	3000 K					4000 K				
	H m	Ø m	α=16° EMax lux	α=16° EM lux		H m	Ø m	α=16° EMax lux	α=16° EM lux	
	1	0,28	15922	9923		1	0,28	17037	10618	
	2	0,57	3981	2481		2	0,57	4259	2654	
	3	0,85	1769	1103		3	0,85	1893	1180	
	4	1,14	995	620		4	1,14	1065	664	
	5	1,42	637	397		5	1,42	681	425	

Picto 125 LED 36°	LED		luminaire	
Power	31 W	31 W	35 W	35 W
Flux	3454 lm	3695 lm	1899 lm	2032 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(6K) > 36000h			
Beam			36°	36°
Efficiency			55%	55%
Efficacy	111 lm/W	119 lm/W	54 lm/W	55 lm/W

35 W



cd/klm

	3000 K					4000 K				
	H m	Ø m	α=36° EMax lux	α=36° EM lux		H m	Ø m	α=36° EMax lux	α=36° EM lux	
	1	0,67	3872	2592		1	0,67	4143	2773	
	2	1,33	968	648		2	1,33	1036	693	
	3	2,00	430	288		3	2,00	460	308	
	4	2,66	242	162		4	2,66	259	173	
	5	3,33	155	104		5	3,33	166	111	

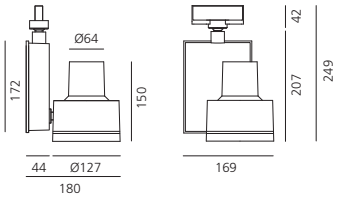
Picto 125 HIT track

White ○ Black ● Silver ●

HIT-CE (G12)

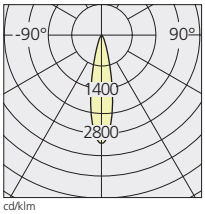
W	Weight	Beam	Flux	Color	Code
35 W	2,40 kg	22°	3500 lm	○	M225433MFL
				●	M225443MFL
				●	M225463MFL
		38°	3500 lm	○	M225433WFL
				●	M225443WFL
				●	M225463WFL
		50°	3500 lm	○	M225433VWFL
				●	M225443VWFL
				●	M225463VWFL
70 W	2,40 kg	22°	6300 lm	○	M225533MFL
				●	M225543MFL
				●	M225563MFL
		38°	6300 lm	○	M225533WFL
				●	M225543WFL
				●	M225563WFL
		50°	6300 lm	○	M225533VWFL
				●	M225543VWFL
				●	M225563VWFL
150 W	2,40 kg	22°	14000 lm	○	M225633MFL
				●	M225643MFL
				●	M225663MFL
		38°	14000 lm	○	M225633WFL
				●	M225643WFL
				●	M225663WFL
		50°	14000 lm	○	M225633VWFL
				●	M225643VWFL
				●	M225663VWFL

IP20 ⏚
850°



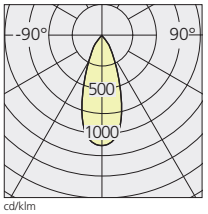
220/240Vac 50/60Hz electronic ballast included.

35 W/3500 lm — Efficiency 62% — α=22°



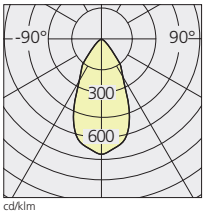
H m	Ø m	EMax lux	EM lux
1	0,41	10056	6392
2	1,82	2514	1598
3	1,23	1117	710
4	1,64	628	399
5	2,05	402	256

35 W/3500 lm — Efficiency 58% α=38°



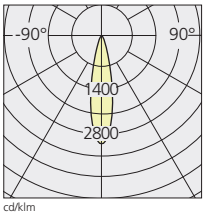
H m	Ø m	EMax lux	EM lux
1	0,71	3878	2353
2	1,42	969	588
3	2,12	431	261
4	2,83	242	147
5	3,54	155	94

35 W/3500 lm — Efficiency 59% — α=50°



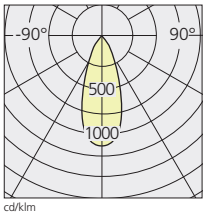
H m	Ø m	EMax lux	EM lux
1	0,95	2409	1377
2	1,90	602	344
3	2,85	268	153
4	3,79	151	86
5	4,74	96	55

70 W/6300 lm — Efficiency 64% — α=22°



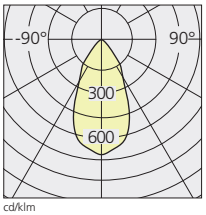
H m	Ø m	EMax lux	EM lux
1	0,40	18568	11672
2	0,80	4642	2918
3	1,20	2063	1297
4	1,60	1160	730
5	2,00	743	467

70 W/6600 lm — Efficiency 61% α=38°



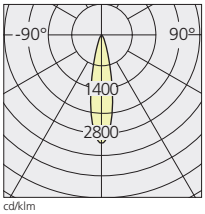
H m	Ø m	EMax lux	EM lux
1	0,70	7318	4439
2	1,39	1830	1110
3	2,09	813	493
4	2,78	457	277
5	3,48	293	178

70 W/6600 lm — Efficiency 63% — α=50°



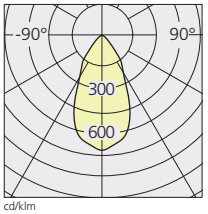
H m	Ø m	EMax lux	EM lux
1	0,95	4347	2454
2	1,90	1087	613
3	2,86	483	273
4	3,81	272	153
5	4,76	174	98

150 W/14000 lm — Efficiency 62% — α=22°



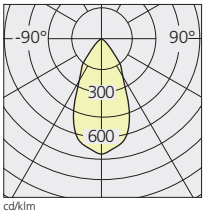
H m	Ø m	EMax lux	EM lux
1	0,41	40224	25567
2	0,82	10056	6392
3	1,23	4469	2841
4	1,64	2514	1598
5	2,05	1609	1023

150 W/14000 lm — Efficiency 58% α=38°



H m	Ø m	EMax lux	EM lux
1	0,71	15511	9411
2	1,42	3878	2353
3	2,12	1723	1046
4	2,83	969	588
5	3,54	620	376

150 W/14000 lm — Efficiency 59% — α=50°



H m	Ø m	EMax lux	EM lux
1	0,95	9636	5507
2	1,90	2409	1377
3	2,85	1071	612
4	3,79	602	344
5	4,74	385	220

White ○ Black ● Silver ●

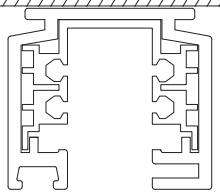
Accessories*

	Projector	Color*	Code
Accessory-holder + asymmetric diffuser (black)	○	●	M083137
	●	○	M083117
	●	●	M083137
Accessory-holder + adjustable dowsers (black)	○	●	M082937
	●	○	M082917
	●	●	M082937
Accessory-holder + anti-dazzle louvre	○	●	M083337
	●	○	M083317
	●	●	M083337
Accessory-holder + IR filter	○	●	M083537
	●	○	M083517
	●	●	M083537
Accessory-holder + lens for ellittical emission	○	●	M083437
	●	○	M083417
	●	●	M083437
Accessory-holder + chromatic filter Warmtone	○	●	M083637
	●	○	M083617
	●	●	M083637
Accessory-holder + chromatic filter Coldtone	○	●	M083737
	●	○	M083717
	●	●	M083737
UV Filter			M080535
Accessory for ceiling installation	○		L176320
	●		L176330
	●		L176370

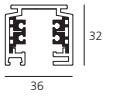
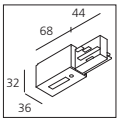
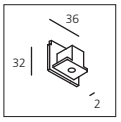
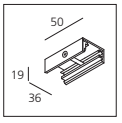
Roberto Cavalli headquarters and showroom Milan (Italy)
Arch: Roberto Cavalli A&DD, Photo: Beppe Raso

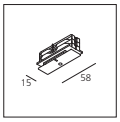
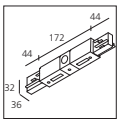
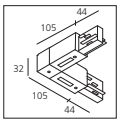
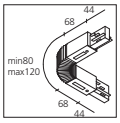
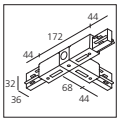
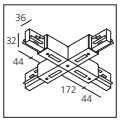
External three-circuit track

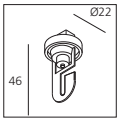
White ○ Black ● Aluminium ●



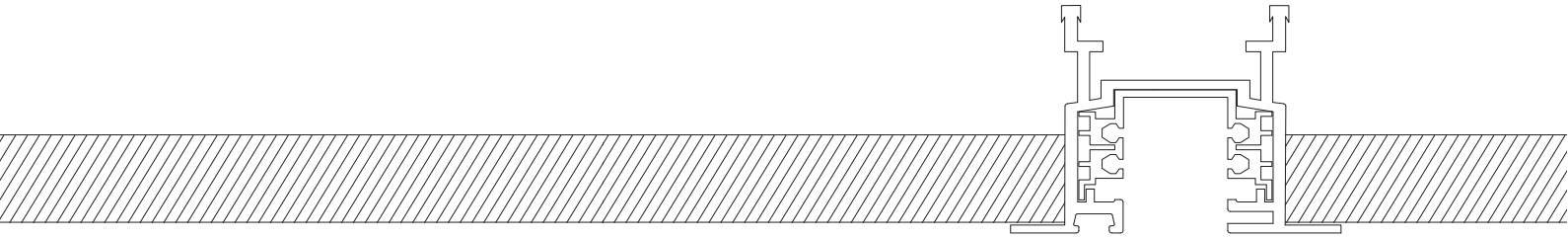
- Three-circuit track for surface mounting.
- Extruded aluminium profile in white, black or aluminium finish.
- Supplied in lengths of up to 4m, cut to measure.
- 2 versions: standard version with 5 conductors (1 earth, 1 neutral, 3 phases) each with a 2.5mm² section, or Dali version with 2 additional conductors allowing dimming of lights fitted with Dali dimmable control gear.
- Maximum intensity: 16a across the 3 circuits.
- Track is pre-cut every 33cm for fixing.
- Wide range of accessories, power supply components and electrical and mechanical connectors.

External three-circuit track		Color	Standard	Dali
			Code	Code
	1000 mm 1,00 kg	○	L170020	L170021
		●	L170030	L170031
		●	L170070	L170071
	2000 mm 2,00 kg	○	L170120	L170121
		●	L170130	L170131
		●	L170170	L170171
	3000 mm 3,00 kg	○	L170220	L170221
		●	L170230	L170231
		●	L170270	L170271
	4000 mm 4,00 kg	○	L170320	L170321
		●	L170330	L170331
		●	L170370	L170371
	Power supply end cap Earth conductor on the left.	○	L170620	L170621
		●	L170630	L170631
		●	L170670	L170671
	Power supply end cap Earth conductor on the right.	○	L170720	L170721
		●	L170730	L170731
		●	L170770	L170771
	Closure end cap	○	L171620	
		●	L171630	
		●	L171670	
	Clip for steel cables or pendant coupler	○	L171720	
		●	L171730	
		●	L171770	
	Stem Ø13 mm. Can be cut to measure. For use with pendant clip or pendant coupler (on request).	○	L170420	
		●	L170430	
	Suspension cables			
	L. 1.500 mm Eutrac		L176000	
	L. 3.000 mm Eutrac		L176100	
	L. 6.200 mm Eutrac		L176200	

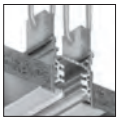
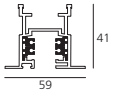
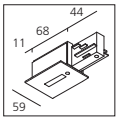
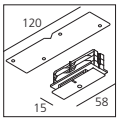
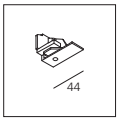
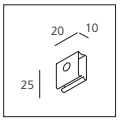
Joints		Color	Standard	Dali
			Code	Code
	Recessed joint	○	L170920	L170921
		●	L170930	L170931
		◑	L170970	L170971
	Linear joint	○	L171020	L171021
		●	L171030	L171031
		●	L171070	L171071
	90° joint Internal earth conductor.	○	L171120	L171121
		●	L171130	L171131
		●	L171170	L171171
	90° joint External earth conductor.	○	L171220	L171221
		●	L171230	L171231
		●	L171270	L171271
	Flexible joint	○	L171520	L171521
		●	L171530	L171531
	3-way joint Earth conductor on left.	○	L171820	L171821
		●	L171830	L171831
		●	L171870	L171871
	3-way joint Earth conductor on right.	○	L171320	L171321
		●	L171330	L171331
		●	L171370	L171371
	4-way joint	○	L171420	L171421
		●	L171430	L171431
		●	L171470	L171471

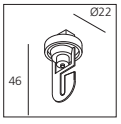
Accessories		Color	Standard	Dali
			Code	Code
	Universal adapter 230/240V - 16A	○	L172020	L172021
		●	L172030	L172031
	Universal hook Maximum load 10 kg	○	L173420	
		●	L173430	

Recessed three-circuit track



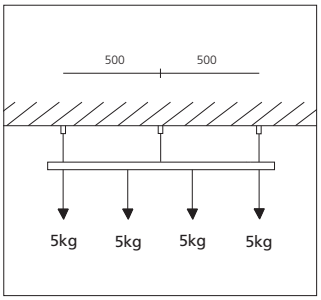
- Three-circuit track for recess mounting.
- Extruded aluminium profile in white, black or aluminium finish.
- Supplied in lengths of up to 4m, cut to measure.
- 2 versions: standard version with 5 conductors (1 earth, 1 neutral, 3 phases) each with a 2.5mm² section, or Dali version with 2 additional conductors allowing dimming of lights fitted with Dali dimmable control gear.
- Maximum intensity: 16a across the 3 circuits.
- Track is pre-cut every 33cm for fixing.
- Wide range of accessories, power supply components and electrical and mechanical connectors.

Recessed three-circuit track	Color	Standard Code	Dali Code
 **2000 mm** 2,30 kg	○	L172620	L172621
3000 mm 3,50 kg	○	L172720	L172721
4000 mm 4,60 kg	○	L172820	L172821
 41 59 40xL			
 44 68 11 59 Power supply end cap Earth conductor on left.	○	L176420	L176421
Power supply end cap Earth conductor on right.	○	L176520	L176521
 120 15 58 Recessed joint	○	L173220	L173221
 44 Closure end cap	○	L173320	
 20 10 25 Clip for suspension cable (6 pieces)		L173400	

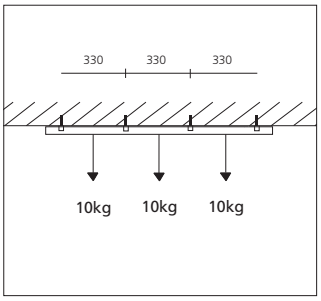
Accessories	Color	Standard Code	Dali Code
 Universal adapter 230/240V - 16A	○ ●	L172020 L172030	L172021 L172031
 Ø22 46 Universal hook Maximum load 10 kg	○ ●	L173420 L173430	

Installation diagrams

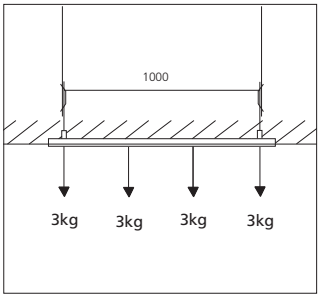
Load of tracks with spotlights in relation to fixing points
(includes the weight of the track)



- Three-circuit track for pendant mounting with fixing points every 0.5m.
  (Can also be used for recessed installation).

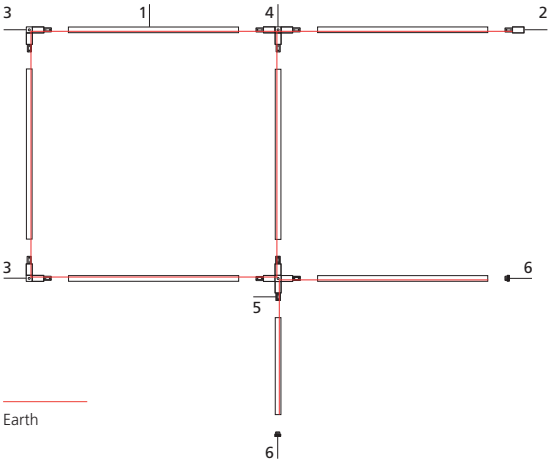


- Three-circuit track for ceiling mounting with fixing points every 0.33m.



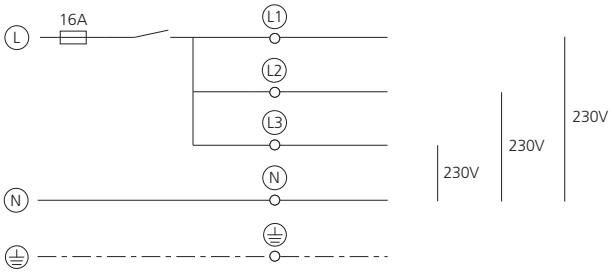
- Three-circuit track for recessed installation with fixing points every metre.
  (Can also be used for pendant mounting).

Earth conductor diagrams



1 Standard three-circuit track.
2 Power supply end cap, earth conductor on left.
3 90° joint, internal earth conductor.
4 3-way joint, earth conductor on left.
5 4-way joint.
6 Closure end cap.

Electrical diagram for alternating current 230V (220-240V)

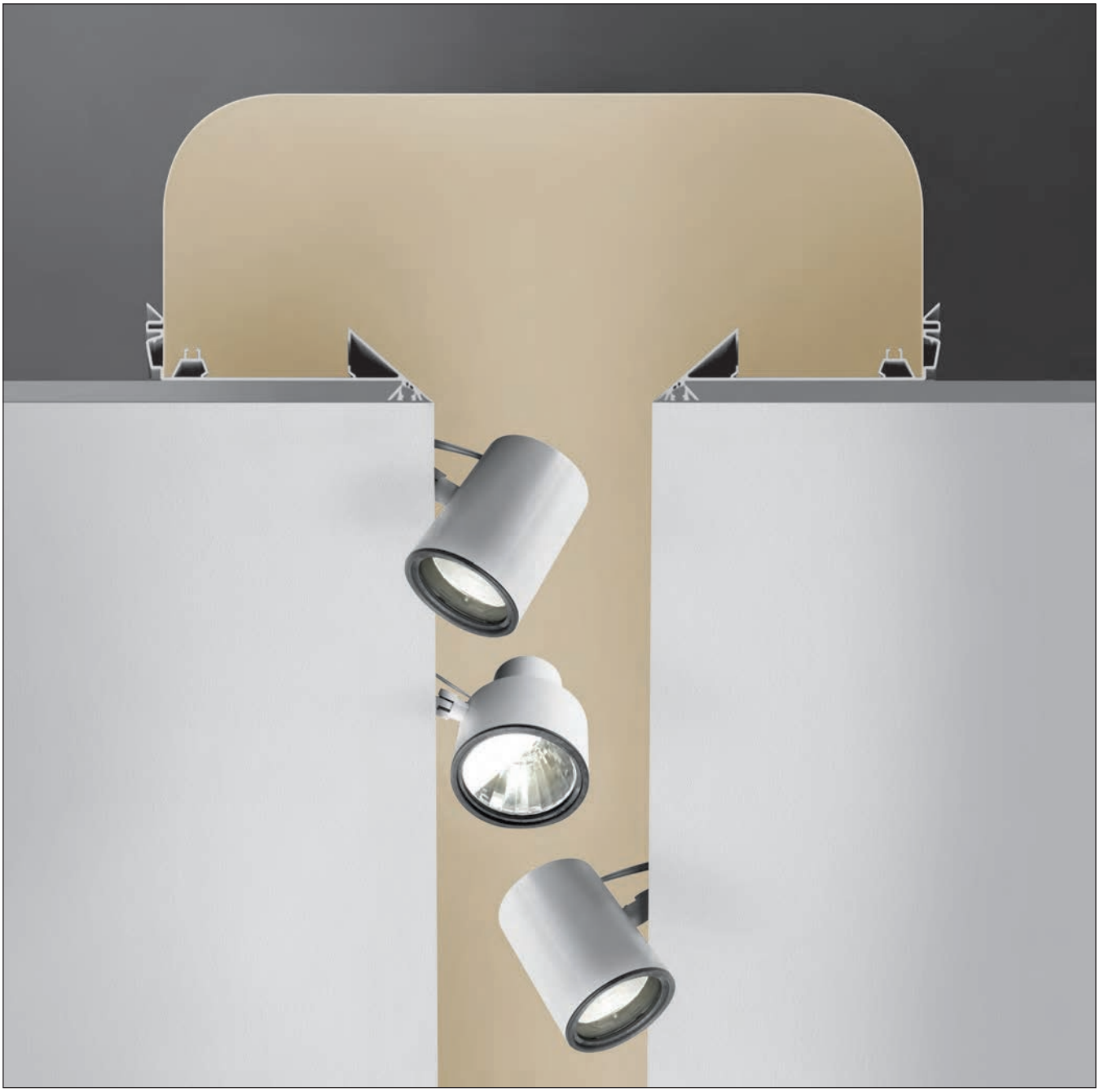


Maximum W allowed: 3600W (max 16A total).
The load can be distributed over the 3 circuits as required.
Protection fuse: 1x16A.
Power supply cable section: min 3x1.5mm² - max 3x2.5mm².

Caelum

Ernesto Gismondi
2013

Caelum



- Caelum is designed to provide a versatile lighting solution for the retail sector. It is a highly flexible, multi-functional system, with a high aesthetic and exceptionally high performance.
- Caelum is a modular lighting system with an open recessed profile channel, which integrates perfectly with the architectural design. It consists of 4 main elements:

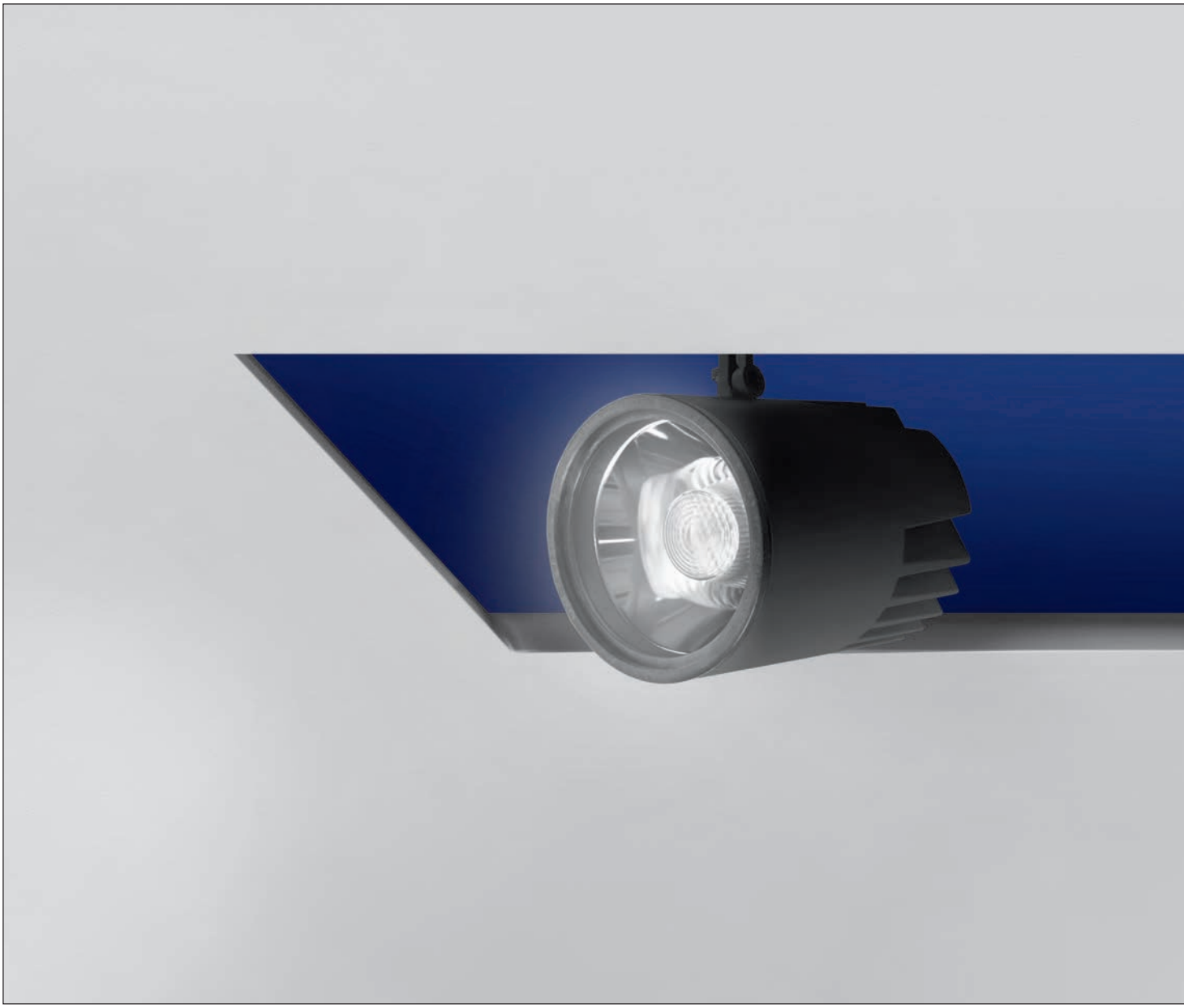
  Trimless recessed structural modules in various lengths; channel apertures: 86 mm and 140 mm;

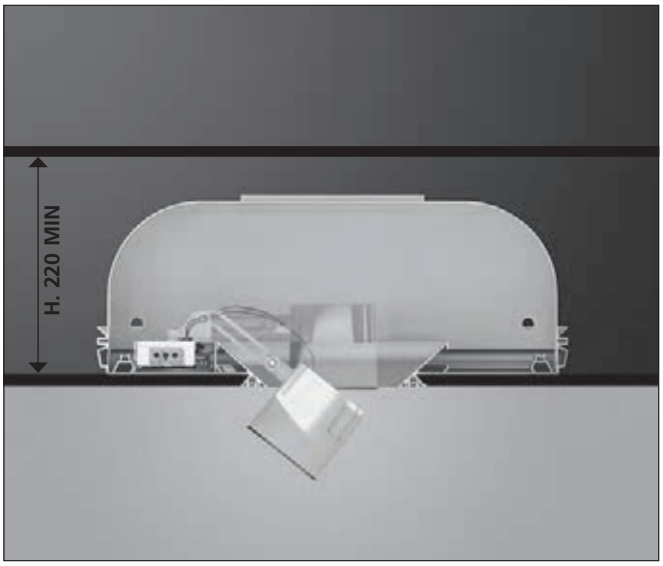
  Spotlight kits for accent lighting, using LED, HIT and 12V halogen lamps;

  Optional covers to delineate the channel.The spotlight kits are available in 2 sizes: Ø 90 mm and Ø 120 mm (diameter of the optical assembly) and are provided with a swivel arm which allows total concealment of the spotlight or, if open, allows the partial or total extraction of the spotlight from the channel.
- A double hinge system provides a high degree of regulation of the beam direction.
- The spotlights are provided with an electronic power supply. The LED spotlights are available with 1000, 2500 and 3000 lumen power, in warm white or neutral (3000K, 4000K).
- Depending on the size, the HIT spotlights are available for the following power supplies: 20W-35W (G8.5), 35W-70W (G12).
- The largest size spotlight is also available in a 12V QR111 100W max halogen version.
- The extruded elements are installed along both edges of the ceiling cut, creating a channel that can be finished with an optional top cover.

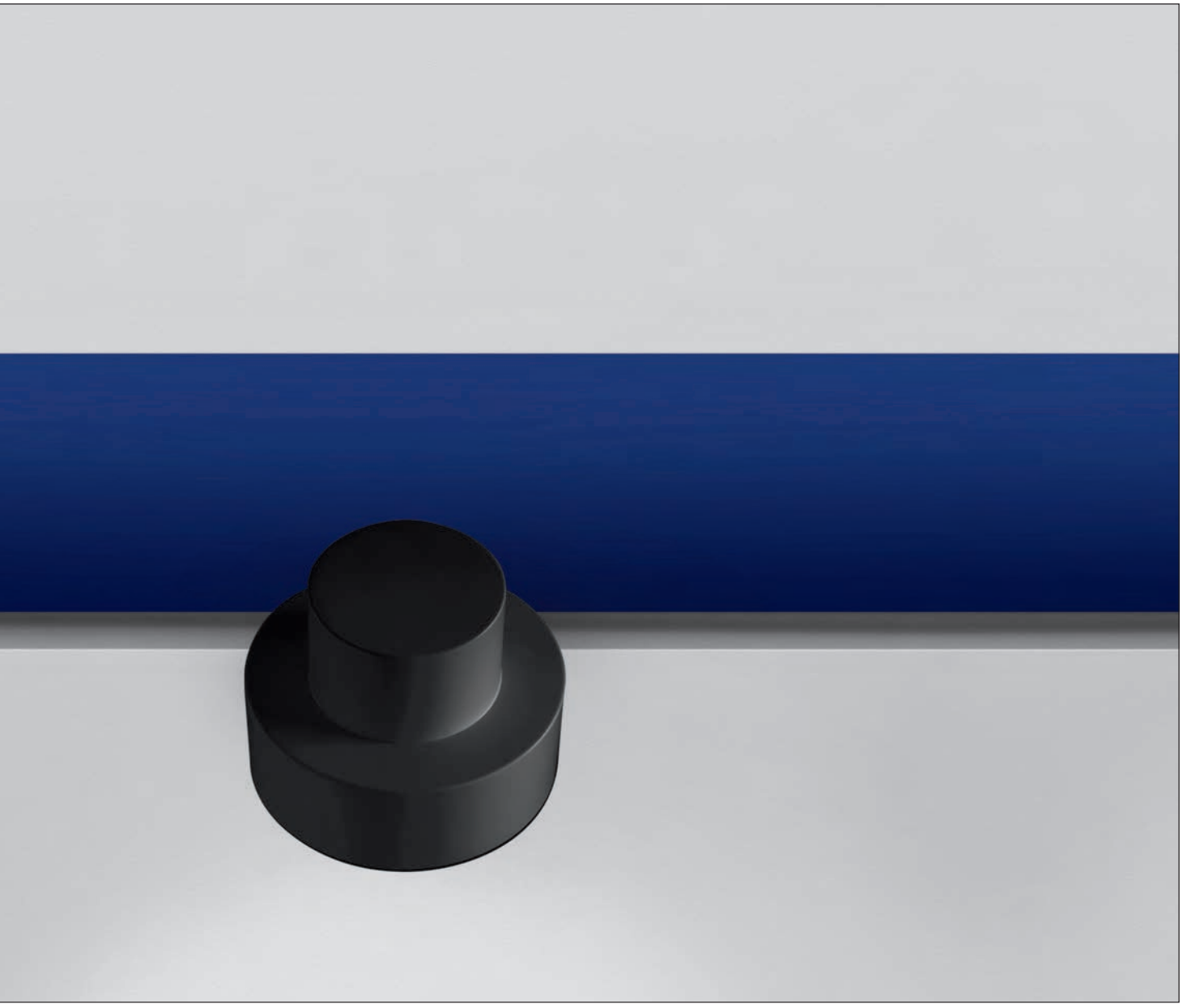
Caelum color

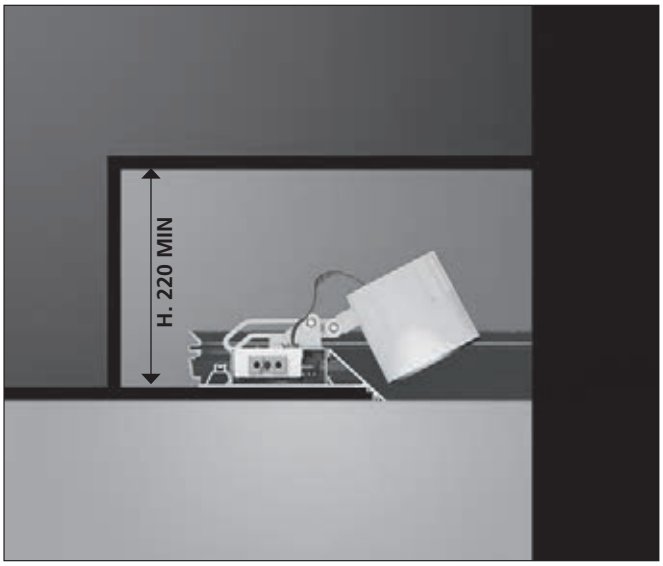
White ○ Black ● Blue ● Gold ◑



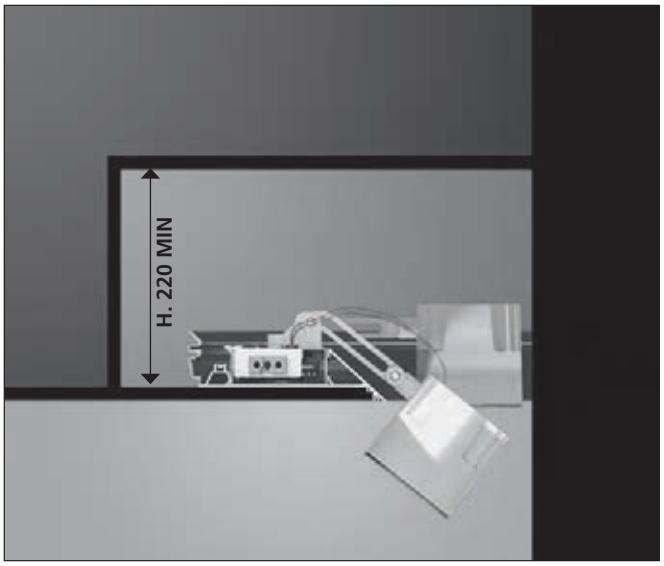

H. 220 MIN

H. 220 MIN





Special application without Carter against the wall.



Special application without Carter against the wall.

Caelum spotlights

Spot **(SP)**
10° < beam angle ≤ 20°
For highlighting small objects.

Medium flood **(MFL)**
20° < beam angle ≤ 30°
Standard feature for accent lighting of any type of object.

Flood **(FL)**
30° < beam angle ≤ 40°
For accent lighting of large objects.

Wide flood **(WFL)**
40° < beam angle ≤ 60°

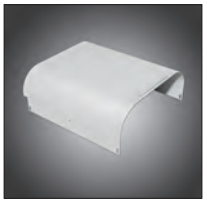
Very Wide flood **(VWFL)**
Beam angle > 30°
For diffused lighting of an area or to accentuate the presentation of products.

		SP	MFL	FL	WFL	VWFL
Caelum 90	**LED**		●		●	
	HIT	●	●	●	●	
Caelum 120	**LED**	●		●		
	HALO	●			●	●
	HIT G12		●	●	●	
	HIT GX8.5		●		●	●

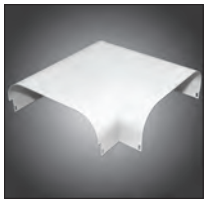
LED **HIT** **HALO**

Caelum structural components

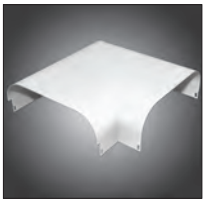
Carter for false ceiling



Linear profiles
500 mm long
600 mm long
700 mm long



Left inner profile
For joining two linear profiles on the same level.



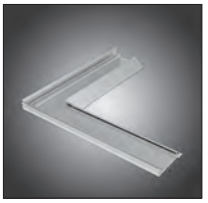
Right inner profile
For joining two linear profiles on the same level.

End cap

Aluminium trim profiles

Linear aluminium trim profiles
500 mm long
1000 mm long
2000 mm long
3000 mm long

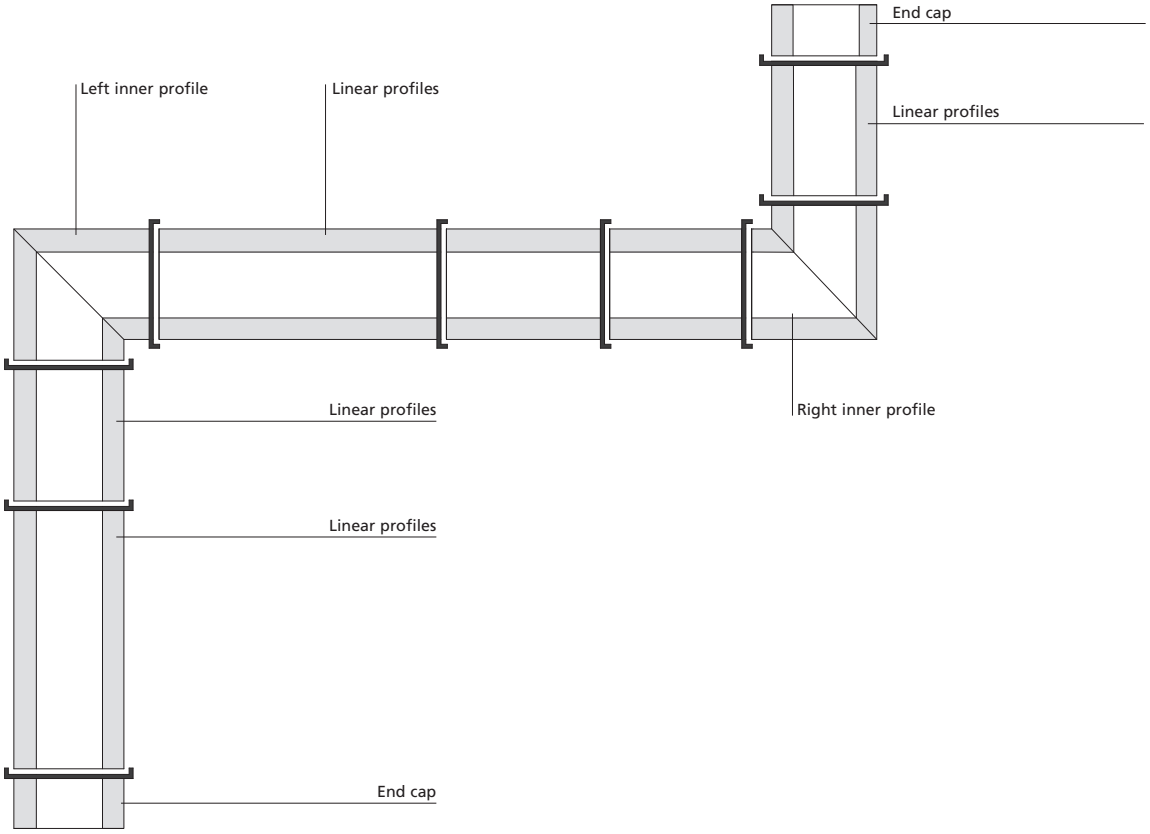
90° inner coupling
For joining two trim profiles on the same level.

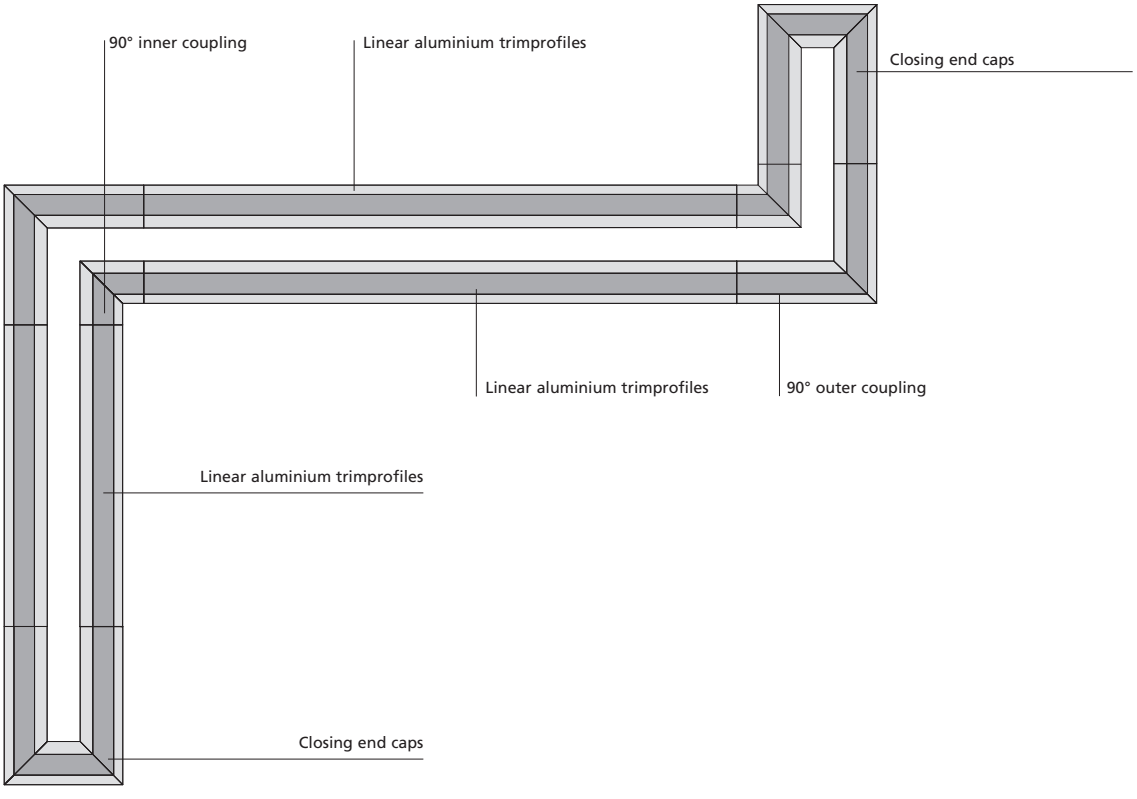


90° outer coupling
For joining two trim profiles on the same level.

Closing end caps

Caelum configuration



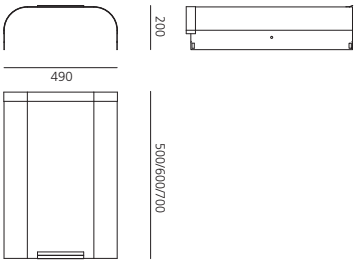


Caelum profile

White ○ Black ● Blue ● Gold ◑

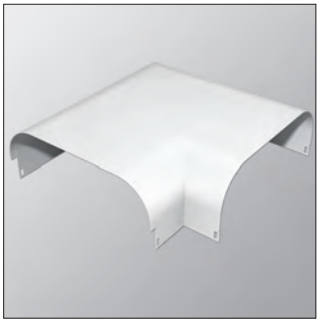
Profile

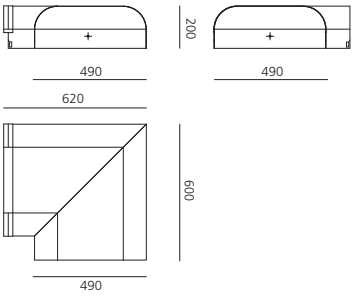
Length	Weight	Color	Code
500 mm	3,30 kg	○	M282720
		●	M282710
		●	M282730
		◑	M282750
600 mm	3,90 kg	○	M282820
		●	M282810
		●	M282830
		◑	M282850
700 mm	4,60 kg	○	M282920
		●	M282910
		●	M282930
		◑	M282950



90° profile

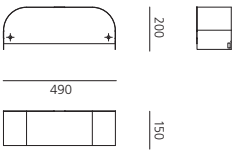
Angle	Weight	Color	Code
left	4,80 kg	○	M283220
		●	M283210
		●	M283230
		◑	M283250
right	4,80 kg	○	M283320
		●	M283310
		●	M283330
		◑	M283350





End cap

	Weight	Color	Code
	1,60 kg	○	M283120
		●	M283110
		●	M283130
		◑	M283150

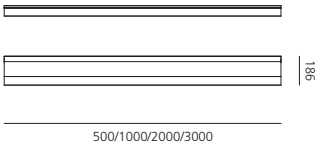


Caelum structural modules

White ○ Black ●

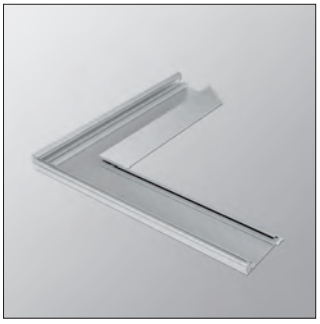
Linear structural module (set of 2)

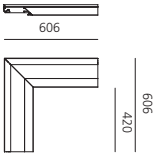
Length	Weight	Color	Code
500 mm	1,10 kg	○	M284120
		●	M284110
1000 mm	2,20 kg	○	M284220
		●	M284210
2000 mm	4,40 kg	○	M284320
		●	M284310
3000 mm	6,60 kg	○	M284420
		●	M284410

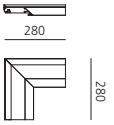


90° structural module

Angle	Weight	Color	Code
inner	0,30 kg	○	M284520
		●	M284510
outer	2,30 kg	○	M284720
		●	M284710

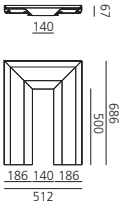






End caps structural module (set of 2)

	Weight	Color	Code
	3,30 kg	○	M284620
		●	M284610



Connectors

	Code
Kit power connectors (2pz)	M280900
Kit spacers connector (5pz)	M281000

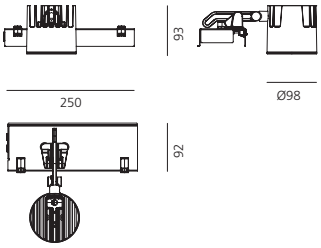
Caelum 90 LED

White ○ Black ●

W	Weight	Beam	Flux	CCT	Color	Code
28W	1,20 kg	20°	1700 lm	3000 K	○	M275625
					●	M275615
			1768 lm	4000 K	○	M275725
					●	M275715
		50°	1596 lm	3000 K	○	M276025
					●	M276015
			1660 lm	4000 K	○	M276125
					●	M276115

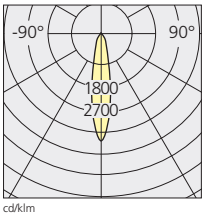
IP20 ⏚ 850°

220/240Vac 50/60Hz electronic ballast included.



Caelum 90 LED 20°	LED		luminaire	
Power	25 W	25W	28 W	28 W
Flux	2617 lm	2722 lm	1700 lm	1768 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (typ.)			
Color tolerance	MacAdam 3SDCM			
Serivce life	L70(9K) > 54000h			
Beam			20°	20°
Efficiency			65%	65%
Efficacy	105 lm/W	109 lm/W	61 lm/W	63 lm/W

28 W

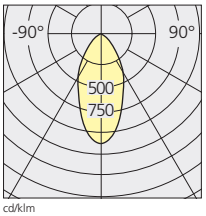


cd/klm

3000 K α=20°			4000 K α=20°		
H m	ØC0 m	E lux	H m	ØC0 m	E lux
1,0	0,35	6747	1,0	0,35	7017
2,0	0,70	1687	2,0	0,70	1754
3,0	1,05	750	3,0	1,05	780
4,0	1,40	422	4,0	1,40	439
5,0	1,75	270	5,0	1,75	281

Caelum 90 LED 50°	LED		luminaire	
Power	25 W	25W	28 W	28 W
Flux	2617 lm	2722 lm	1596 lm	1660 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (typ.)			
Color tolerance	MacAdam 3SDCM			
Serivce life	L70(9K) > 54000h			
Beam			50°	50°
Efficiency			61%	61%
Efficacy	105 lm/W	109 lm/W	57 lm/W	59 lm/W

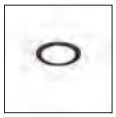
28 W



cd/klm

3000 K α=50°			4000 K α=50°		
H m	ØC0 m	E lux	H m	ØC0 m	E lux
1,0	0,92	1752	1,0	0,92	1822
2,0	1,83	438	2,0	1,83	455
3,0	2,75	195	3,0	2,75	202
4,0	3,66	109	4,0	3,66	114
5,0	4,58	70	5,0	4,58	73

Accessoires

		Color	Code
	Lens for ellittical emission		M282007
	Chromatic filter		M281745 M281755 M281735
	Anti-dazzle louvre		M282100
	Soft filter		M285207
	Adapter ring		M285007
	Spacing ring		M285107

Caelum 90 HIT

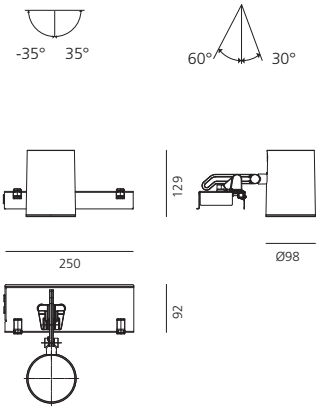
White ○ Black ●

HIT-TC-CE (G8,5)

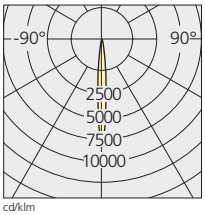
W	Weight	Beam	Flux	Color	Code
35 W	1,20 kg	10°	3000 lm	○	M277225
				●	M277215
		24°	3000 lm	○	M277425
				●	M277415
		38°	3000 lm	○	M277525
				●	M277515
70 W	1,20 kg	10°	6200 lm	○	M277625
				●	M277615
		24 °	6200 lm	○	M277825
				●	M277815
		38°	6200 lm	○	M277925
				●	M277915

220/240Vac 50/60Hz electronic ballast included.

IP20 ⏚ 850°

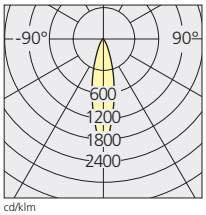


35 W/3000 lm — Efficiency 58% — α=10°



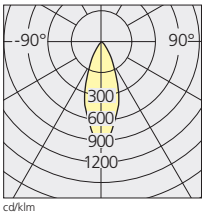
H m	ØC0 m	E lux
1,0	0,16	31740
2,0	0,32	7935
3,0	0,48	3527
4,0	0,65	1984
5,0	0,81	1270

35 W/3000 lm — Efficiency 66% — α=24°



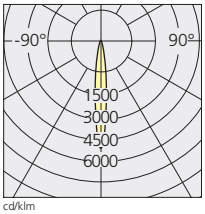
H m	ØC0 m	E lux
1,0	0,43	7724
2,0	0,86	1931
3,0	1,29	858
4,0	1,72	483
5,0	2,15	309

35 W/3000 lm — Efficiency 63% — α=38°



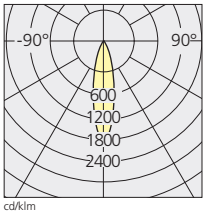
H m	ØC0 m	E lux
1,0	0,68	3863
2,0	1,35	966
3,0	2,03	429
4,0	2,70	241
5,0	3,38	155

70 W/6200 lm — Efficiency 57% — α=10°



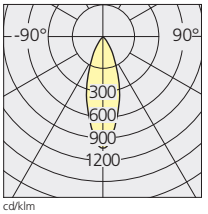
H m	ØC0 m	E lux
1,0	0,21	39376
2,0	0,41	9844
3,0	0,62	4375
4,0	0,82	2461
5,0	1,03	1575

70 W/6200 lm — Efficiency 64% — α=24°



H m	ØC0 m	E lux
1,0	0,43	15131
2,0	0,86	3786
3,0	1,28	1681
4,0	1,71	946
5,0	2,14	605

70 W/6200 lm — Efficiency 63% — α=38°



H m	ØC0 m	E lux
1,0	0,62	8469
2,0	1,24	2117
3,0	1,86	941
4,0	2,48	529
5,0	3,10	339

Accessoires

	Color	Code
IR filter		M281807
Lens for elliptical emission		M282007
UV filter		M281907
Chromatic filter		M281745
		M281755
		M281735
Anti-dazzle louvre		M282100
Soft filter		M285207

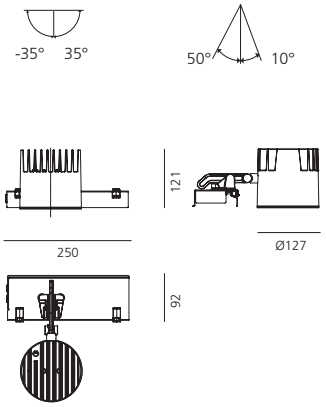
Caelum 120 LED

White ○ Black ●

W	Weight	Beam	Flux	CCT	Color	Code
35 W	1,70 kg	16°	2297 lm	3000 K	○	M276225
					●	M276215
			2448 lm	4000 K	○	M276325
					●	M276315
		36°	2232 lm	3000 K	○	M276425
					●	M276415
			3600 lm	4000 K	○	M276525
					●	M276515

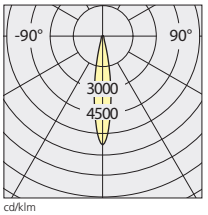
220/240Vac 50/60Hz electronic ballast included.

IP20 ⏚ 850°



Caelum 120 LED 16°	LED		luminaire	
Power	31 W	31 W	35 W	35 W
Flux	3384 lm	3600 lm	2072 lm	2248 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(9K) >54000h			
Beam			16°	16°
Efficiency			68%	68%
Efficacy	109 lm/W	116lm/W	66 lm/W	70 lm/W

35 W

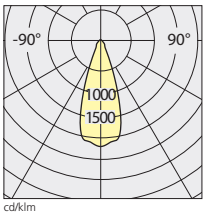


cd/klm

3000 K α=16°			4000 K α=16°		
H m	ØC0 m	E lux	H m	ØC0 m	E lux
1,0	0,30	9849	1,0	0,30	10478
2,0	0,61	2462	2,0	0,61	2620
3,0	0,91	1094	3,0	0,91	1164
4,0	1,22	616	4,0	1,22	655
5,0	1,52	394	5,0	1,52	419

Caelum 120 LED 36°	LED		luminaire	
Power	31 W	31 W	35 W	35 W
Flux	3384 lm	3600 lm	2232 lm	3600 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(9K) >54000h			
Beam			36°	36°
Efficiency			66%	66%
Efficacy	109 lm/W	116lm/W	64 lm/W	68 lm/W

35 W



cd/klm

3000 K α=36°			4000 K α=36°		
H m	ØC0 m	E lux	H m	ØC0 m	E lux
1,0	0,66	3157	1,0	0,66	5219
2,0	1,32	789	2,0	1,32	1305
3,0	1,98	351	3,0	1,98	580
4,0	2,64	197	4,0	2,64	326
5,0	3,30	126	5,0	3,30	209

Accessoires

		Color	Code
	Lens for elliptical emission		M078700
	Chromatic filter	yellow	M078900
		red	M079000
		blue	M282235
	Anti-dazzle louvre		M078400
	Soft filter		M078800
	Spacing ring		M285307

Caelum 120 HIT

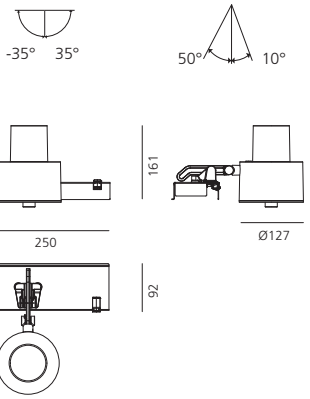
White ○ Black ●

HIT-TC-CE (G12)

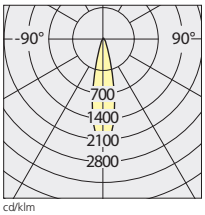
W	Weight	Beam	Flux	Color	Code
35 W	1,50 kg	24°	3500 lm	○	M280025
				●	M280015
		38°	3500 lm	○	M280125
				●	M280115
		50°	3500 lm	○	M280225
				●	M280215
70 W	1,50 kg	24°	6300 lm	○	M280325
				●	M280315
		38°	6300 lm	○	M280425
				●	M280415
		50°	6300 lm	○	M280525
				●	M280515

220/240Vac 50/60Hz electronic ballast included.

IP20 ⏚ 850°

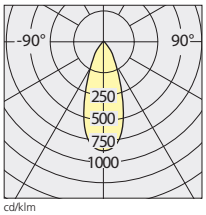


35 W/3500 lm — Efficiency 62% — α=24°



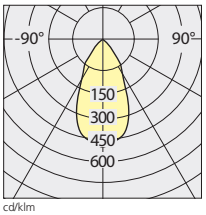
H m	ØC0 m	E lux
1,0	0,41	10056
2,0	0,82	2514
3,0	1,23	1117
4,0	1,64	628
5,0	2,05	402

35 W/3500 lm — Efficiency 58% α=38°



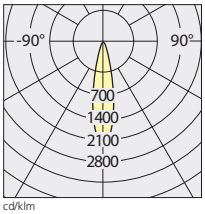
H m	ØC0 m	E lux
1,0	0,71	3878
2,0	1,42	969
3,0	2,12	431
4,0	2,83	242
5,0	3,54	155

35 W/3500 lm — Efficiency 59% — α=50°



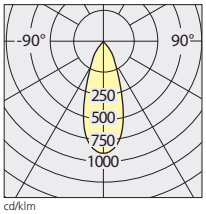
H m	ØC0 m	E lux
1,0	0,95	2409
2,0	1,90	602
3,0	2,85	266
4,0	3,79	151
5,0	4,74	96

70 W/6300 lm — Efficiency 63% — α=24°



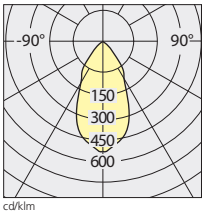
H m	ØC0 m	E lux
1,0	0,40	18568
2,0	0,80	4642
3,0	1,20	2063
4,0	1,60	1160
5,0	2,00	743

70 W/6300 lm — Efficiency 61% — α=38°



H m	ØC0 m	E lux
1,0	0,70	7318
2,0	1,39	1830
3,0	2,09	813
4,0	2,78	457
5,0	3,48	293

70 W/6300 lm — Efficiency 63% — α=50°



H m	ØC0 m	E lux
1,0	0,95	4347
2,0	1,90	1067
3,0	2,86	483
4,0	3,81	272
5,0	4,76	174

Accessoires

	Color	Code
IR filter		M282307
Lens for elliptical emission		M078700
UV filter		M282407
Chromatic filter	yellow red blue	M078900 M079000 M282235
Anti-dazzle louvre		M078400
Soft filter		M078800

Caelum 120 HIT - Caelum 120 HALO

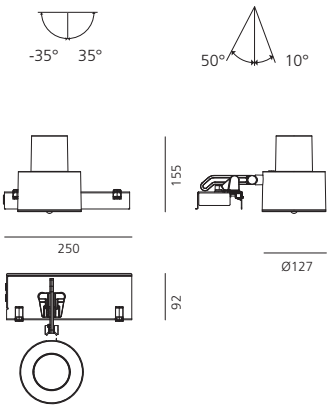
White ○ Black ●

HIT (GX8,5)

W	Weight	Color	Code
35 W	1,30 kg	○	M280625
		●	M280615
70W	1,30 kg	○	M280725
		●	M280715

220/240Vac 50/60Hz electronic ballast included.

IP20 ⏚ 850°

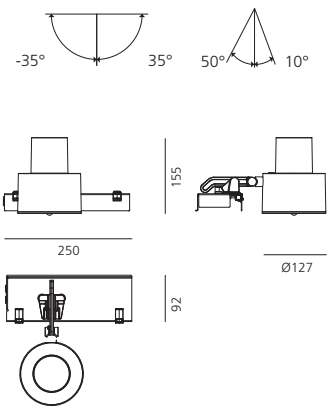


HALO (G53)

W	Weight	Color	Code
12 V	1,30 kg	○	M280825
max 100 W		●	M280815

220/240Vac 50/60Hz electronic ballast included.

IP20 ⏚ 850°



Accessoires

		Color	Code
	IR filter		M282307
	UV filter		M282407
	Chromatic filter		M078900
			M079000
			M282235
	Anti-dazzle louvre		M078400
	Lens for elliptical emission		M078700

Java

Ernesto Gismondi
2005

- Trim or trimless adjustable downlights using LED, QR111 12 V halogen and HIR111 metal halide lamps.
- 3 models: square with 1 lamp, rectangular with 2, 3 and 4 lamps.
- Each spotlight may be adjusted individually with a tilt angle ranging from -20° to +70°, and rotation of up to 355°.

Java LED

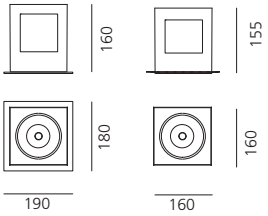
White
○

W (LED)	Beam	Flux	CCT	Trim Code	Trimless Code
26 W	12°	1983 lm	3000 K	M2864W21	M2873W01
	24°	1993 lm	3000 K	M2865W21	M2874W01
	36°	2034 lm	3000 K	M2866W21	M2875W01

Electronic ballast 700 mA SELV supplied separately.

Driver	Vac	Lmm	Wmm	Hmm	n°device		Code
cc 50W 500mA	220-240	125	79	22	1 max	DALI/PUSH	NL11035

IP20 ⏚ 960°



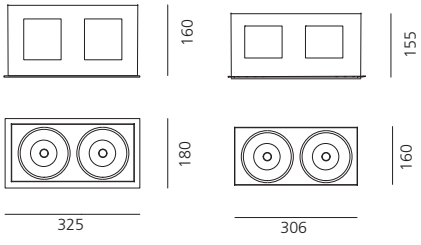
165x165 160x160

W (LED)	Beam	Flux	CCT	Trim Code	Trimless Code
2x26 W	12°	3965 lm	3000 K	M2867W21	M2876W01
	24°	3987 lm	3000 K	M2868W21	M2877W01
	36°	4068 lm	3000 K	M2869W21	M2878W01

Electronic ballast 700 mA SELV supplied separately.

Driver	Vac	Lmm	Wmm	Hmm	n°device		Code
cc 50W 500mA	220-240	125	79	22	1 max	DALI/PUSH	NL11035

IP20 ⏚ 960°



300x125 306x160

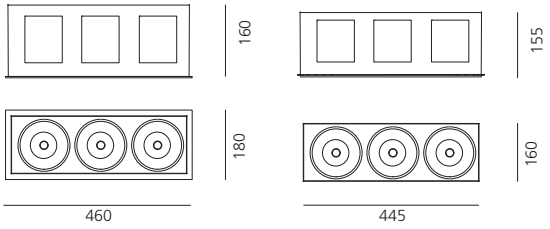
Java LED

White

W (LED)	Beam	Flux	CCT	Trim Code	Trimless Code
3x26 W	12°	5948 lm	3000 K	M2870W21	M2879W01
	24°	5980 lm	3000 K	M2871W21	M2880W01
	36°	6102 lm	3000 K	M2872W21	M2881W01

Electronic ballast 700 mA SELV supplied separately.

Driver	Vac	Lmm	Wmm	Hmm	n°device		Code	IP20 ⏚	960°
cc 50W 500mA	220-240	125	79	22	1 max	DALI/PUSH	NL11035		

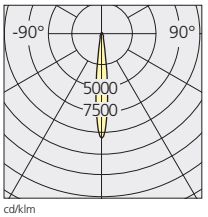


445x160 | 455x160

Java LED 12°

LED	luminaire
26 W	26 W
2303 lm	1983 lm
3000 K	3000 K
=80 (min.)	
MacAdam 3SDCM	
L70(6K) > 50000h	
	12°
	88%
90 lm/W	66 lm/W

26 W 3000 K α=12°



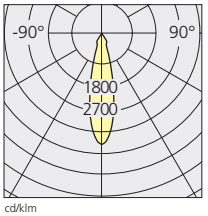
cd/klm

H m	Ø m	EMax lux	EM lux
1	0,22	20728	13284
2	0,43	5182	3321
3	0,65	2303	1476
4	0,87	1295	830
5	1,09	829	531

Java LED 24°

LED	luminaire
26 W	26 W
2303 lm	1993 lm
3000 K	3000 K
=80 (min.)	
MacAdam 3SDCM	
L70(6K) > 50000h	
	24°
	82%
90 lm/W	67 lm/W

26 W 3000 K α=24°



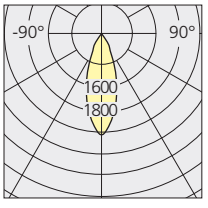
cd/klm

H m	Ø m	EMax lux	EM lux
1	0,43	8177	5099
2	0,86	2044	1275
3	1,29	909	567
4	1,73	511	319
5	2,16	327	204

Java LED 36°

LED	luminaire
26 W	26 W
2303 lm	2034 lm
3000 K	3000 K
=80 (min.)	
MacAdam 3SDCM	
L70(6K) > 50000h	
	36°
	88%
90 lm/W	66 lm/W

26 W 3000 K α=36°



H m	Ø m	EMax lux	EM lux
1	0,62	4990	2909
2	1,25	1248	727
3	1,87	554	323
4	2,49	312	182
5	3,12	200	116

Java

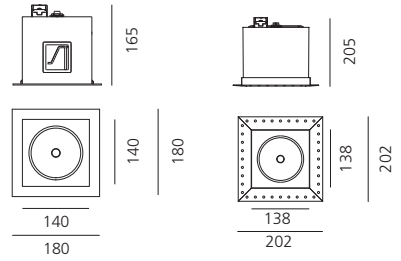
Grey

QR111 (G53)			**Trim**	**Trimless**
W	Weight	Color	Code	Code
12V 1xmax100 W	1,20 kg		M049265	M069025

retrofit ► MASTER LED AR111 (GU53) 12V.
Driver 12Vdc SELV supplied separately

HIR111-CE-P (GX8,5)			**Trim**	**Trimless**
W	Weight	Color	Code	Code
1xmax70 W	1,20 kg		M049255	M069055

IP20 960°



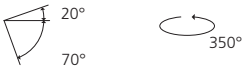
QR111 (G53)			**Trim**	**Trimless**
W	Weight	Color	Code	Code
12V 2xmax100 W	1,90 kg		M049365	M069125

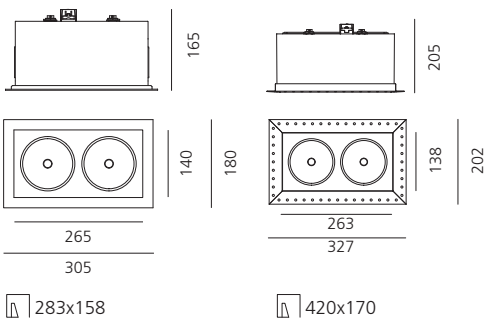
retrofit ► MASTER LED AR111 (GU53) 12V.
Driver 12Vdc SELV supplied separately

HIR111-CE-P (GX8,5)			**Trim**	**Trimless**
W	Weight	Color	Code	Code
2xmax70 W	1,90 kg		M049355	M069155

Driver 220/240Vac 50/60Hz supplied separately

IP20 960°





Java

Grey

QR111 (G53)

W	Weight		Color	Trim Code	Trimless Code
12V 3xmax100 W	2,50 kg			M049465	M069225

retrofit ▶ MASTER LED AR111 (GU53) 12V
Driver 12Vdc SELV supplied separately

HIR111-CE-P (GX8,5)

W	Weight		Color	Trim Code	Trimless Code
3xmax70 W	2,50 kg			M049455	M069255

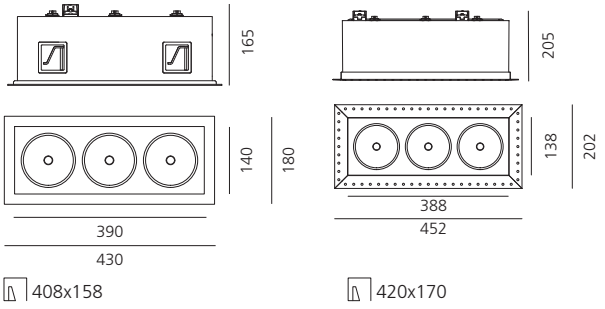
Driver 220/240Vac 50/60Hz supplied separately

QR111 + HIR111-CE-P

	W	Weight		Color	Trim Code	Trimless Code
QR111 (G53) **+ HIR111-CE-P** (GX8,5)	12V 2xmax100 W 1xmax70 W	2,50 kg			M049865	M069525
QR111 (G53) **+ HIR111-CE-P** (GX8,5)	12V 1xmax100 W 2xmax70 W	2,50 kg			M049965	M069625

retrofit ▶ MASTER LED AR111 (GU53) 12V

IP20 960°



408x158 420x170

QR111 (G53)

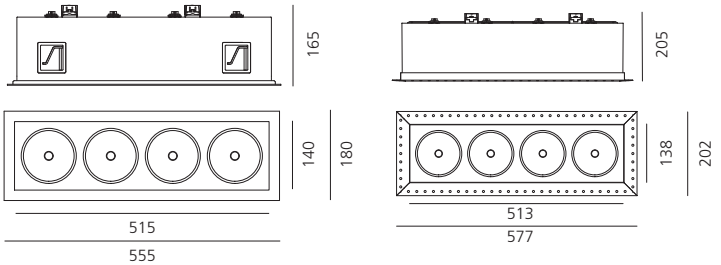
W	Weight		Color	Trim Code	Trimless Code
12V 4xmax100 W	3,20 kg			M049565	M069325

retrofit ▶ MASTER LED AR111 (GU53) 12V

HIR111-CE-P (GX8,5)

W	Weight		Color	Trim Code	Trimless Code
4xmax70 W	3,20 kg			M049555	M069355

IP20 960°



533x158 545x170

Control gears

Electronic transformer 230-240 V / 12 V.
Class II. Dimmable by trailing
or leading edge external dimmers.

	Code
10-60 W. 123x32x23 mm	M070211
35-105 W. 102x51x30 mm	M070412
35-150 W. 190x38x37 mm	M072111

Electronic ballast 230-240 V
Class I

HIT 1x35 W. 155x83x32 mm	M070322
HIT 2x35 W. 180x80x34 mm	M070422
HIT 1x70 W. 180x80x34 mm	M070522

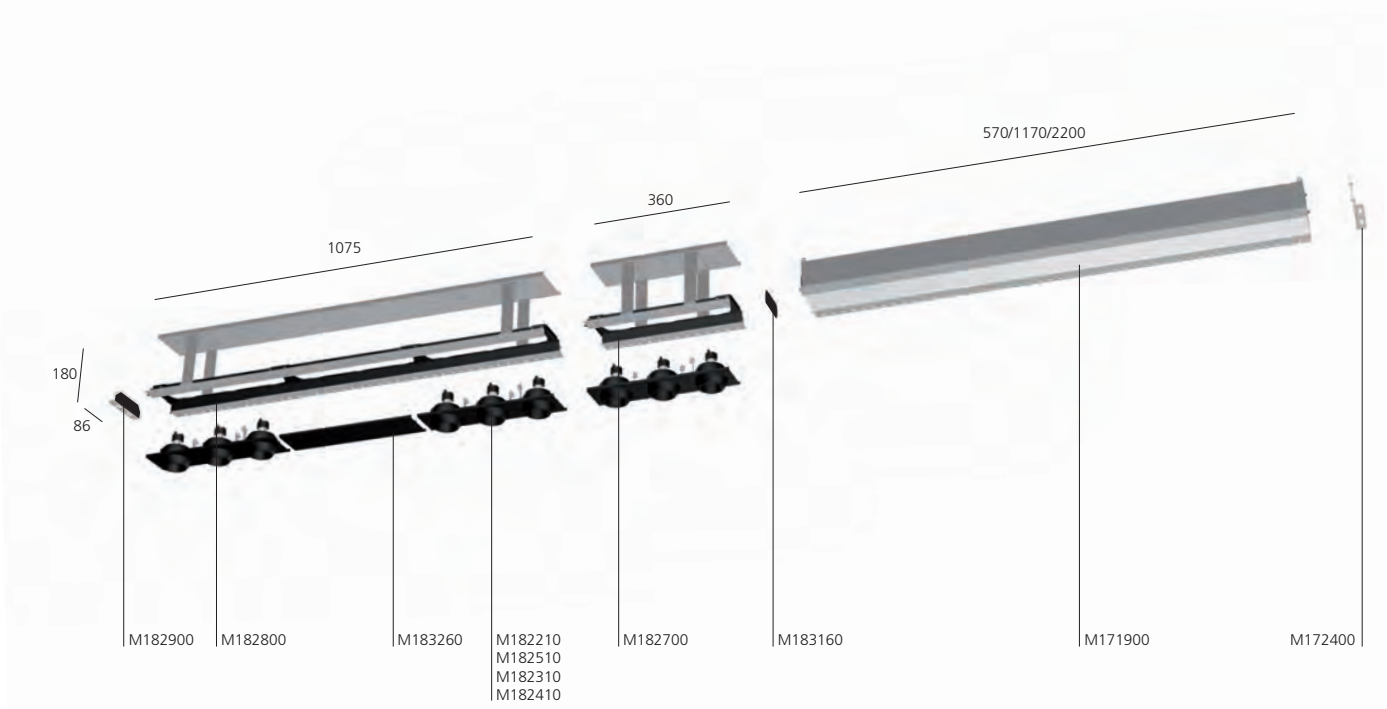
Java Linear System

Java linear system fluorescent

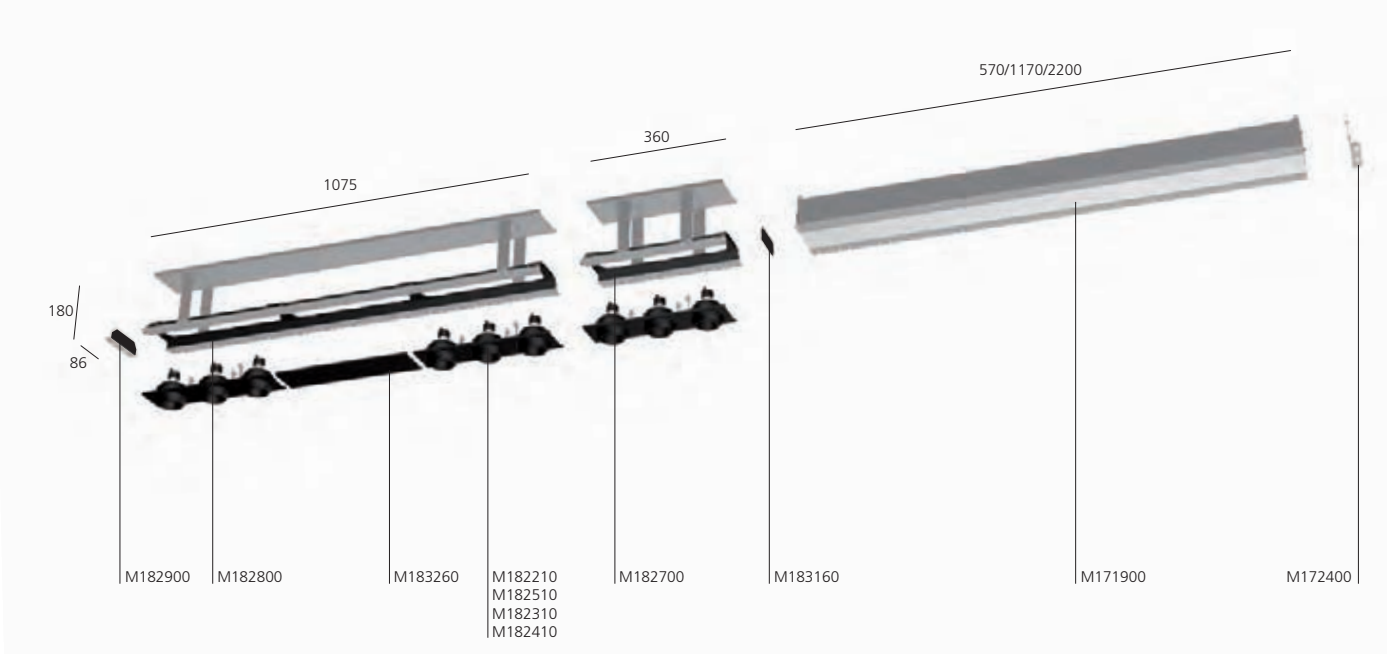
- Modular system for t16 fluorescent lamps, to be installed in a continuous line or as single luminaires.
- 3 lengths: 570mm (1x24 W T16), 1170 mm (1x54 W T16) and 2200 or 2340mm (2x54 W T16).
- Diffusing version is designed with movable lamp holders enabling the overlapping of lamps to guarantee uniform diffusion.
- Electronic ballast with or without dimming.
- End caps to be ordered separately.

Java linear system multispot

- Spotlighting system consisting of a recessed structure available in 2 size options, and lighting modules with 3 integral spotlights using 12 V halogen and metal halide lamps.
- Each spotlight may be adjusted by up to 30° in all directions.
- Combination with Java linear system diffuser versions possible by means of an intermediate connector to be ordered separately.
- Remote control gear.
- Complies with standard EN60598-1 and other specific standards.



Java linear System Trim
combination



Java linear System Trimless
combination

Java Linear System diffuser

Grey

TRIM

T16 (G5)

W	Weight	Length	Flux	Color
1x24 W	2,40 kg	570 mm	1750 lm	
1x54 W	4,20 kg	1170 mm	4450 lm	

Non dimmable	Dimmable Dali
Code	Code
M170300	M170301
M170400	M170401

+ emergency 1h

W	Weight	Length	Flux	Color
1x54 W	4,80 kg	1170 mm	4450 lm	

Non dimmable	Dimmable Dali
Code	Code
M170407	

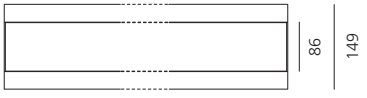
W	Weight	Length	Flux	Color
2x54 W	8,20 kg	2200 mm	9800 lm	
2x28 W	8,20 kg	2200 mm	5200 lm	

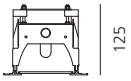
Non dimmable	Dimmable Dali
Code	Code
M170500	M170501
	M170501

220/240Vac 50/60Hz electronic ballast included.

IP20 960°

120x(ΣL+10mm)





TRIMLESS

T16 (G5)

W	Weight	Length	Flux
1x24 W	2,40 kg	570 mm	1750 lm
1x54 W	4,20 kg	1170 mm	4450 lm

Non dimmable	Dimmable Dali
Code	Code
M171800	M171801
M171900	M171901

+ emergency 1h

W	Weight	Length	Flux
1x54 W	4,20 kg	1170 mm	4450 lm

Non dimmable	Dimmable Dali
Code	Code
M171907	

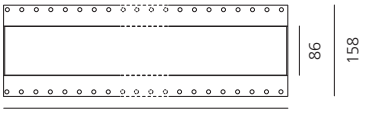
W	Weight	Length	Flux
2x54 W	8,20 kg	2200 mm	9800 lm
2x28 W	8,20 kg	2200 mm	5200 lm

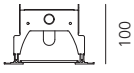
Non dimmable	Dimmable Dali
Code	Code
M172000	M172001
	M172001

220/240Vac 50/60Hz electronic ballast included.

IP20 960°

120x(ΣL+10mm)

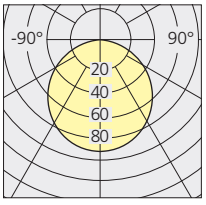




T16

Efficiency 26%

24 W	1750 lm
54 W	4450 lm
2x28 W	5200 lm
2x54 W	9800 lm



cd/klm

Accessories

Color	Trim	Trimless
	Code	Code
	M170900	M170900

End caps (set of 2).
For dark light and Diffuser versions.
31mm

Il televisore con il miglior audio al mondo.

Java Linear System Multispot

Black ● Grey ●

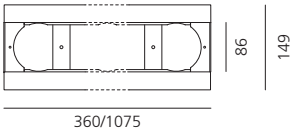
TRIM

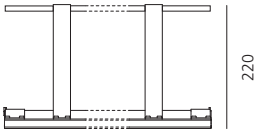
Structural module

	Weight	Length	Color	Code
For 1 lighting module	2,50 kg	360 mm	●	M182060
For 3 lighting modules	4,20 kg	1075 mm	●	M182160

IP20
960°

120x(ΣL+10mm)



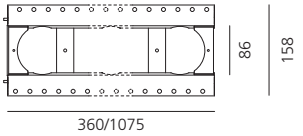


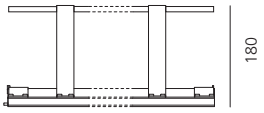
TRIMLESS

Structural module

	Weight	Length	Code
For 1 lighting module	2,50 kg	360 mm	M182700
For 3 lighting modules	4,20 kg	1075 mm	M182800

120x(ΣL+10mm)





Lighting module

QR-CBC51 (GU5,3)

W	Weight	Color	Code
12V 3xmax50 W	0,90 kg	●	M182210

Driver 12Vdc SELV supplied separately.

HIPAR51-CE-P (GX10)

W	Weight	Color	Code
3xmax35 W	0,90 kg	●	M182510

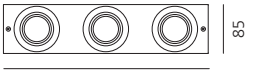
Driver 220/240Vac 50/60Hz supplied separately.

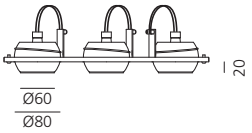
QRCBC51 + HIPAR51-CE-P

	W	Weight	Color	Code
QR-CBC51 (GU5,3) **+ HIPAR51-CE-P** (GX10)	12V 2xmax50 W 1xmax35 W	0,90 kg	●	M182310
QR-CBC51 (GU5,3) **+ HIPAR51-CE-P** (GX10)	12V 1xmax50 W 2xmax35 W	0,90 kg		M182410

Driver 12Vdc SELV supplied separately.
Driver supplied separately for HIT (GX 10).

IP20
960°





Accessories

		Color	Code
	Cover (blind panel) 356mm	●	M183260
	End terminal (set of 2)	●	M183060
	Intermediate connector For combining Java linear System multispot and Java linear System dark light or diffuser.		M183160

Control gears

		Code
	Electronic transformer 230-240 V / 12 V Class II. Dimmable by trailing or leading edge external dimmers.	
	10-60W 123x32x23mm	M070211
	35-105W 102x51x30mm	M070412
	35-150W 190x38x37mm	M072111
	Electronic ballast 230-240 V Class I	
	HIT 1x35W 155x83x32 mm	M070322
	HIT 2x35W 180x80x34 mm	M070422

37 Cube

Carlotta de Bevilacqua
Paola di Arianello
2011

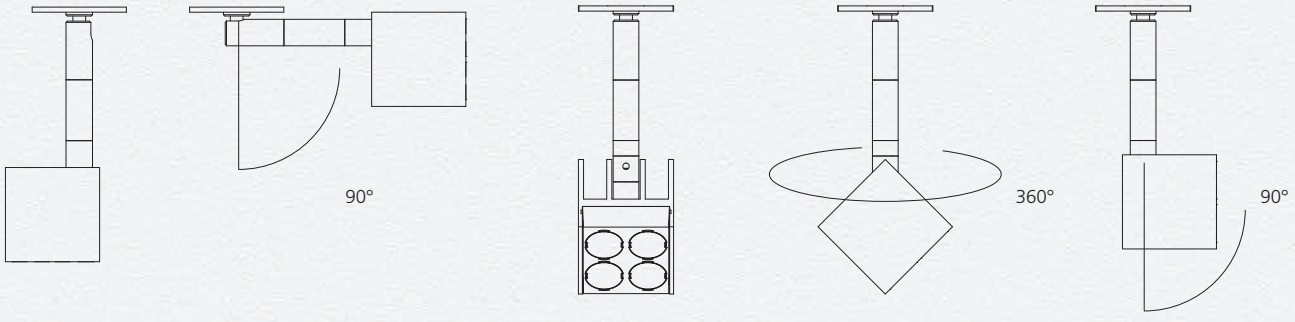
37 Cube semi-recessed
scale 1:1

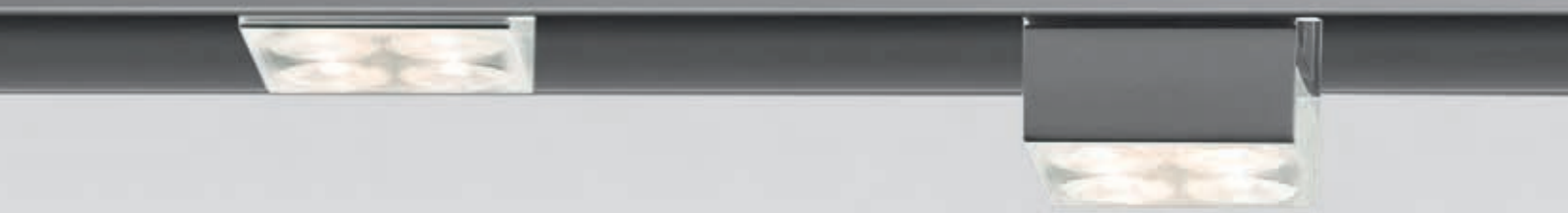
Minimal impact and pure functionality. Requiring a very limited amount of resources in terms of both material and energy consumption, 37 Cube is a miniature LED spotlight aimed at replacing MR16 dichroic light sources in terms of photometric performance, application and size. Featuring a perfect balance between size and luminous flux, 37 Cube combines extremely precise accent light with high energy-saving performance.

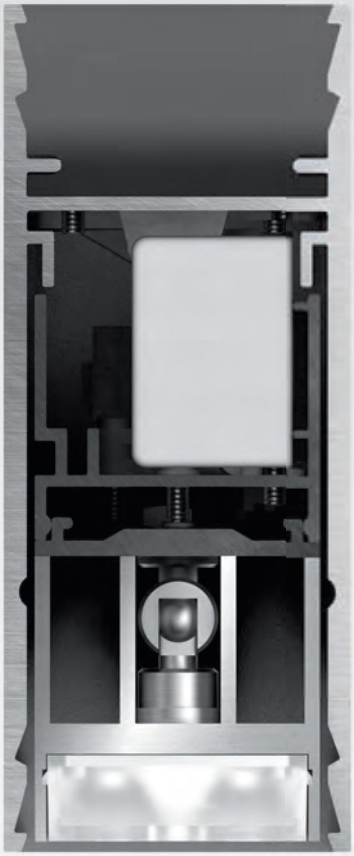
37 Cube

37 Cube semi-recessed
scale 1:1

- Minimal dimensions, material and energy consumption: 37mmx37mmx37mm.
- Effective and precise accent lighting with only 8W of total power consumption.
- 3 beam angles: 14°, 18°, 30°.
- 2 colour temperatures: warm white (3000K) and neutral white (4000K)) – CRI=80 (typ.)
- Maximum flexibility: rotation 360°, tilt angle +90°/-90°.
- 2 installation options available: with control gear for mounting within Algoritmo product range or base plate for semi-recessed installation.
- Option of installation inside Algoritmo modules.
- Materials: body in anodised aluminium, translucent cover in polycarbonate.
- Complies with EN60598-1 standard and other specific standards.


90°
360°
90°





37 Cube for Algoritmo
vertical section
scale 1:1

37 Cube semi-recessed

Anodised aluminium

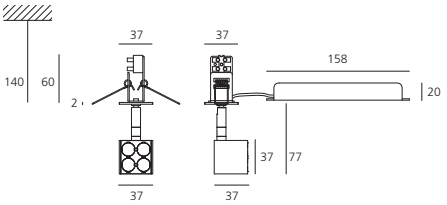
W	Weight	Beam	Flux	CCT	Color	Non dimmable Code
8 W	0,21 kg	14°	483 lm	3000 K		M028504
			517 lm	4000 K		M028604
		18°	463 lm	3000 K		M028704
			495 lm	4000 K		M028804
		30°	468 lm	3000 K		M028904
			501 lm	4000 K		M029004

220/240Vac 50/60Hz electronic ballast included.
Protection class: Class II. SELV. IP20.

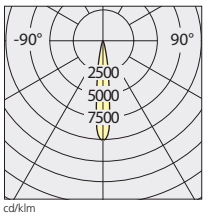
IP20
650°

90° 360°

⌀30

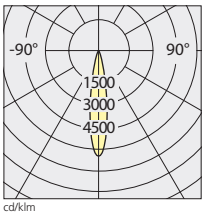


37 Cube 14°	LED		luminaire		**8 W**	3000 K			α=14°	4000 K			α=14°
						H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
Power	7 W	7 W	8 W	8 W									
Flux	528 lm	565 lm	483 lm	517 lm		1	0,25	4867	3240	1	0,25	5209	3468
CCT	3000 K	4000 K	3000 K	4000 K		2	0,51	1217	810	2	0,51	1302	867
CRI	=80 (typ.)					3	0,76	541	360	3	0,76	579	385
Color tolerance	MacAdam 4SDCM					4	1,01	304	202	4	1,01	326	217
Service life	L70(6K) > 50000h					5	1,26	195	130	5	1,26	208	139
Beam			14°	14°									
Efficiency			92%	92%									
Efficacy	75 lm/W	81 lm/W	60 lm/W	65 lm/W									



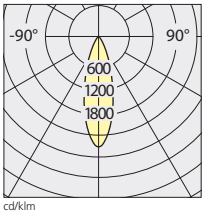
cd/klm

37 Cube 18°	LED		luminaire		**8 W**	3000 K			α=18°	4000 K			α=18°
						H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
Power	7 W	7 W	8 W	8 W									
Flux	528 lm	565 lm	463 lm	495 lm		1	0,32	2484	1906	1	0,32	3190	2038
CCT	3000 K	4000 K	3000 K	4000 K		2	0,64	746	476	2	0,64	798	509
CRI	=80 (typ.)					3	0,97	332	212	3	0,97	354	226
Color tolerance	MacAdam 4SDCM					4	1,29	187	119	4	1,29	199	127
Service life	L70(6K) > 50000h					5	1,61	119	76	5	1,61	128	82
Beam			18°	18°									
Efficiency			88%	88%									
Efficacy	75 lm/W	81 lm/W	58 lm/W	62 lm/W									



cd/klm

37 Cube 30°	LED		luminaire		**8 W**	3000 K			α=30°	4000 K			α=30°
						H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
Power	7 W	7 W	8 W	8 W									
Flux	528 lm	565 lm	468 lm	501 lm		1	0,54	1230	740	1	0,54	1316	793
CCT	3000 K	4000 K	3000 K	4000 K		2	1,07	307	185	2	1,07	329	198
CRI	=80 (typ.)					3	1,61	137	82	3	1,61	146	88
Color tolerance	MacAdam 4SDCM					4	2,14	77	46	4	2,14	82	50
Service life	L70(6K) > 50000h					5	2,68	49	30	5	2,68	53	32
Beam			30°	30°									
Efficiency			89%	89%									
Efficacy	75 lm/W	81 lm/W	59 lm/W	63 lm/W									



cd/klm

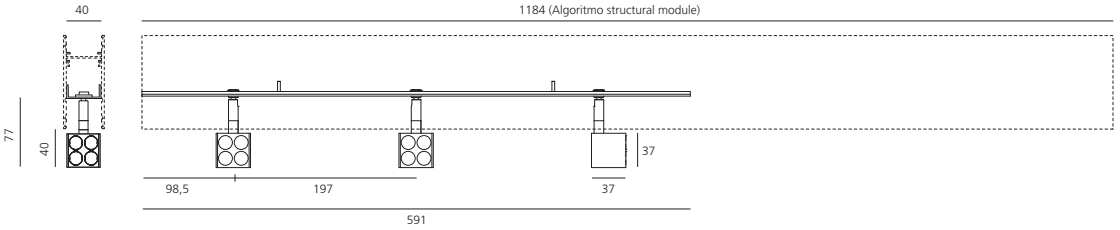
Arts&Foods, Triennale di Milano, Milano (It), 2015, Studio Italo Rota, ph. Federico Villa

Kit containing 3 projectors for Algoritmo System

Anodised aluminium

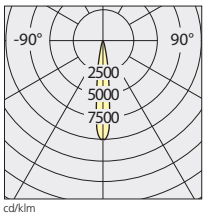
W (LED)	Weight	Beam	Flux	CCT	Color	Non dimmable Code
3x8 W	0,47 kg	14°	3x483 lm	3000 K		M029100
			3x517 lm	4000 K		M029400
		18°	3x463 lm	3000 K		M029200
			3x495 lm	4000 K		M029500
		30°	3x468 lm	3000 K		M029300
			3x501 lm	4000 K		M029600

IP20
650°



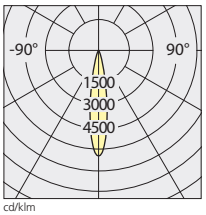
For Algoritmo, please see page 344

37 Cube 14°	LED		luminaire		8 W	3000 K			α=14°	4000 K			α=14°
Power	7 W	7 W	8 W	8 W		H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
Flux	528 lm	565 lm	483 lm	517 lm		1	0,25	4867	3240	1	0,25	5209	3468
CCT	3000 K	4000 K	3000 K	4000 K		2	0,51	1217	810	2	0,51	1302	867
CRI	=80 (typ.)					3	0,76	541	360	3	0,76	579	385
Color tolerance	MacAdam 4SDCM					4	1,01	304	202	4	1,01	326	217
Service life	L70(6K) > 50000h					5	1,26	195	130	5	1,26	208	139
Beam			14°	14°									
Efficiency			92%	92%									
Efficacy	75 lm/W	81 lm/W	60 lm/W	65 lm/W									



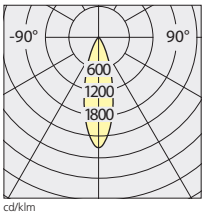
cd/klm

37 Cube 18°	LED		luminaire		8 W	3000 K			α=18°	4000 K			α=18°
Power	7 W	7 W	8 W	8 W		H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
Flux	528 lm	565 lm	463 lm	495 lm		1	0,32	2484	1906	1	0,32	3190	2038
CCT	3000 K	4000 K	3000 K	4000 K		2	0,64	746	476	2	0,64	798	509
CRI	=80 (typ.)					3	0,97	332	212	3	0,97	354	226
Color tolerance	MacAdam 4SDCM					4	1,29	187	119	4	1,29	199	127
Service life	L70(6K) > 50000h					5	1,61	119	76	5	1,61	128	82
Beam			18°	18°									
Efficiency			88%	88%									
Efficacy	75 lm/W	81 lm/W	58 lm/W	62 lm/W									



cd/klm

37 Cube 30°	LED		luminaire		8 W	3000 K			α=30°	4000 K			α=30°
Power	7 W	7 W	8 W	8 W		H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
Flux	528 lm	565 lm	468 lm	501 lm		1	0,54	1230	740	1	0,54	1316	793
CCT	3000 K	4000 K	3000 K	4000 K		2	1,07	307	185	2	1,07	329	198
CRI	=80 (typ.)					3	1,61	137	82	3	1,61	146	88
Color tolerance	MacAdam 4SDCM					4	2,14	77	46	4	2,14	82	50
Service life	L70(6K) > 50000h					5	2,68	49	30	5	2,68	53	32
Beam			30°	30°									
Efficiency			89%	89%									
Efficacy	75 lm/W	81 lm/W	59 lm/W	63 lm/W									



cd/klm

Vodafone Campus - Dusseldorf (Germany)
Arch: HPP Hentrich-Petschnigg & Partner, Photo: Werner Huthmacher

PAD / PAD Square

Le poème de l'angle droit

Carlotta de Bevilacqua
2010 (PAD)
2011 (PAD Square)

PAD (Poème de l'angle droit) is an advanced projector aiming to outperform traditional halogen sources. In this series of products, the light source and power supply are connected via integrated technological innovation. This patent-pending range of projectors are distinguished by excellent photometric performances, compact design and great adjustability.

PAD/PAD Square
Le poème de l’angle droit

- Compact dimensions:
  PAD, 85mm x 170mm x 16mm – PAD Square,168mm x 170mm x 16mm
- Ultra-flat power source (8mm height): high efficiency and extraordinary versatile power input from 100 to 240v, 50 and 60 Hz.
- Optimized thermal management: passive cooling system based on the extension of aluminium surface and partition of the LED sources (PAD 12 LED-12W PAD SQUARE 24 LED-24W).
- 3 beam angles: 12°, 24°, 36°.
- 2 colour temperatures: warm white (3000K) and neutral white (4000K) - CRI=80 (typ.).
- Innovative aluminium joint: compact dimensions and maximum flexability: 358° rotation and 180° tilt angle
- 2 sizes and power: PAD (12LED-14,5W total load, 85mm x 170mm x 16mm) and PAD Square (24LED-29W total load, 168mm x 170mm x 16mm).
- 4 installation options: with adaptor for 3-circuit track, with gear plate for mounting within Algoritmo product range, wall/ceiling mounted version, or base plate for semi- recessed mounting.
- Wall/ceiling and semi-recessed versions available with SwitchDim.
- Materials: body in extruded aluminium, transparent cover in polycarbonate, translucent cover in polycarbonate, joint in die-cast aluminium.
- Complies with EN60598-1 standard and other specific standards.

PAD/PAD Square
Le poème de l’angle droit

Transparent cover – lens holder
Guarantees protection of electrical parts.

Injection-moulded polycarbonate.

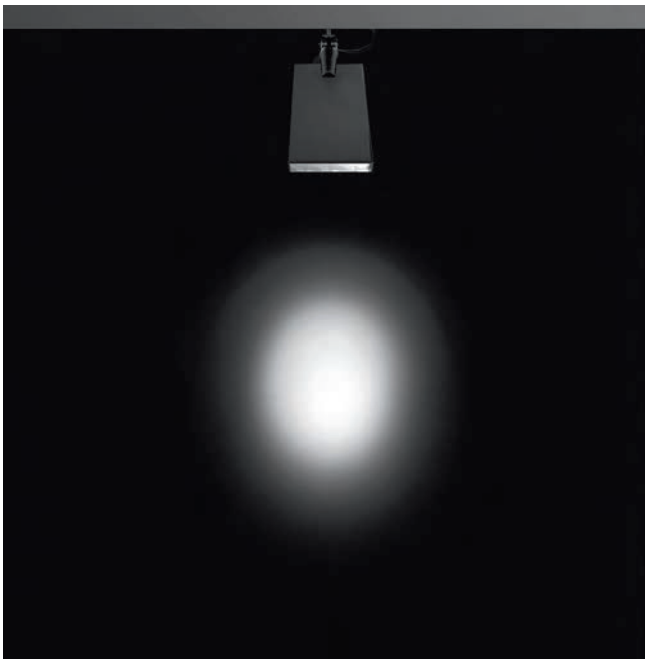
Interchangeable lenses
Cover acts as support for available lenses
With 3 different angles:
12°
24°
36°

Translucent cover
Gives a diffused light effect. Together with transparent cover, helps protect electrical parts.

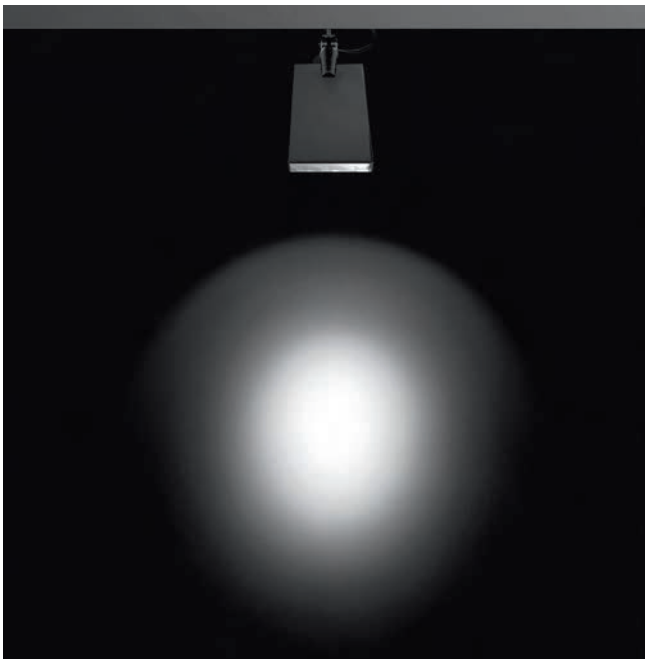
Injection-moulded polycarbonate.

Patent (EU) n° 11161969.8
Patent pending (IT) n° MI2010A000609
Patent pending (US) n° 13/083.318

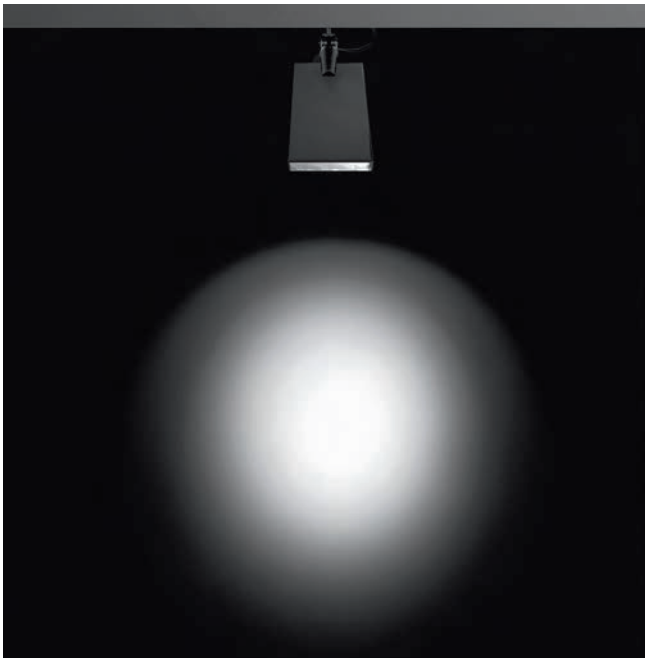
PAD/PAD Square
Le poème de l’angle droit



Spot
Beam angle = 12°
Ideal to highlight small items.



Medium flood
Beam angle = 24°
Standard feature for accent lighting of medium-sized object.



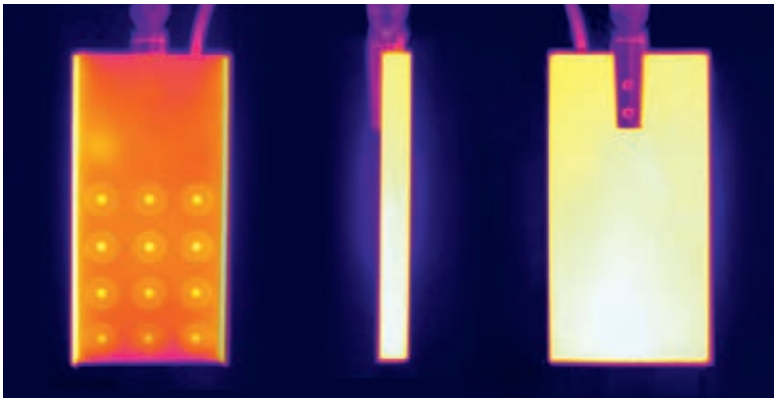
Flood
Beam angle = 36°
Accent lighting of large object.

TIR: Total Internal Reflection

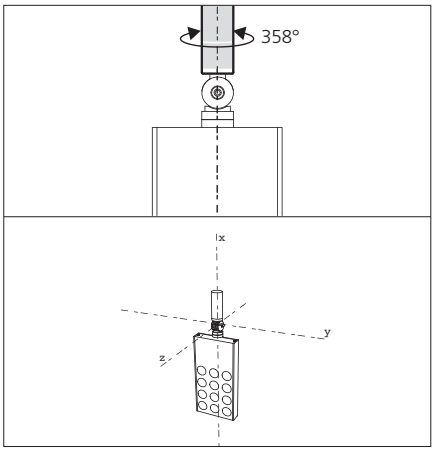
PAD/PAD Square
Le poème de l’angle droit

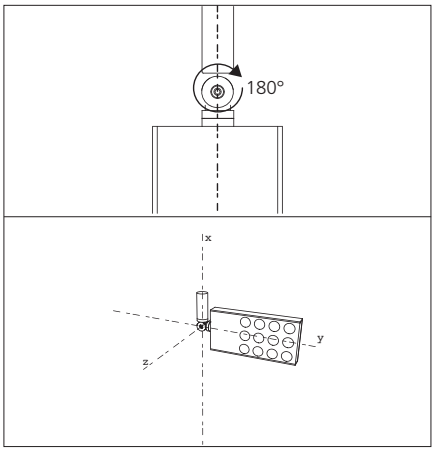
Thermal management
The uniform fragmentation of LED sources provides optimized heat dissipation.

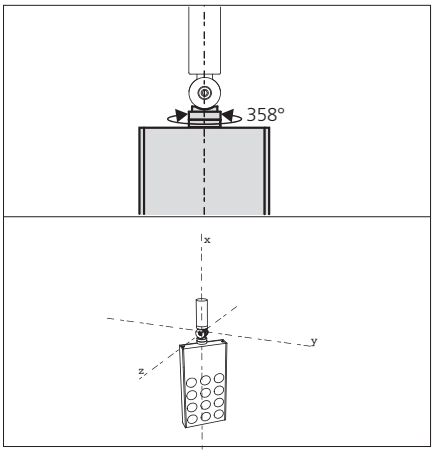
21,7°C 56,5°C



Joint
Excellent flexibility of light adjustment.







PAD/PAD Square
Le poème de l'angle droit

PAD track
12 LED 12W
12° - 24° - 36°
CRI = 80 (typ.)
220V - 240V _ 14,5W
non dimmable

PAD kit for Algoritmo System
12 LED 12W
12° - 24° - 36°
CRI = 80 (typ.)
220V - 240V _ 14,5W
non dimmable

PAD ceiling
12 LED 12W
12° - 24° - 36°
CRI = 80 (typ.)
220V - 240V _ 14,5W
SwitchDim dimmable

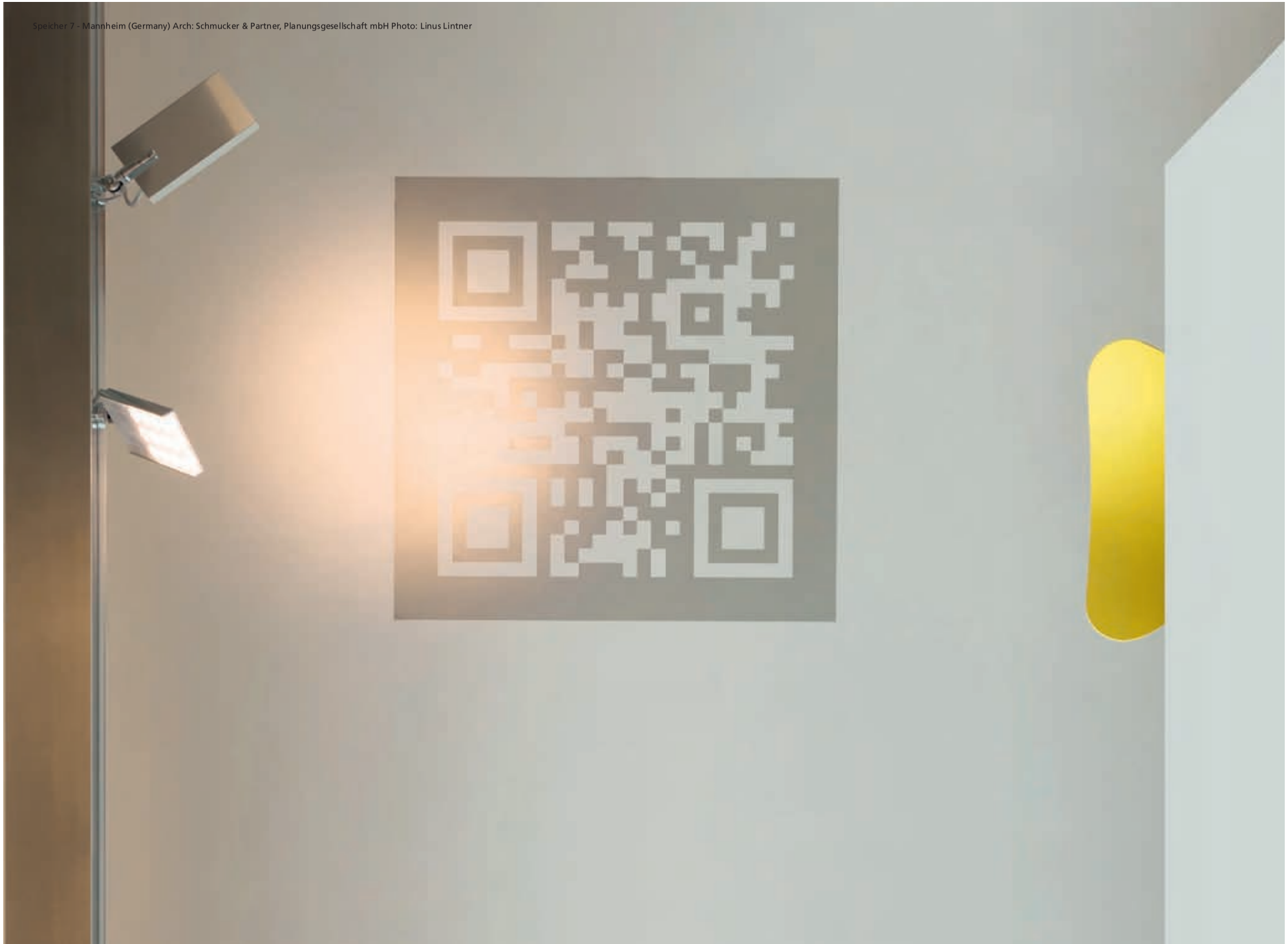
PAD semirecessed
12 LED 12W
12° - 24° - 36°
CRI = 80 (typ.)
220V - 240V _ 14,5W
SwitchDim dimmable

PAD Square track
24 LED 24W
12° - 24° - 36°
CRI = 80 (typ.)
220V - 240V _ 29W
non dimmable

PAD Square kit for Algoritmo System
24 LED 24W
12° - 24° - 36°
CRI = 80 (typ.)
220V - 240V _ 29W
non dimmable

PAD Square ceiling
24 LED 24W
12° - 24° - 36°
CRI = 80 (typ.)
220V - 240V _ 29W
non dimmable

PAD Square semirecessed
24 LED 24W
12° - 24° - 36°
CRI = 80 (typ.)
220V - 240V _ 29W
non dimmable



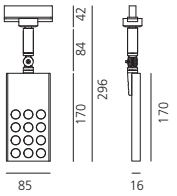
Speicher 7 - Mannheim (Germany) Arch: Schmucker & Partner, Planungsgesellschaft mbH Photo: Linus Lintner

PAD track

Gloss anodised

W	Weight	Beam	Flux	CCT	Color	Non dimmable Code
14,5 W	0,42 kg	12°	825 lm	3000 K		M200003
			880 lm	4000 K		M200103
		24°	825 lm	3000 K		M200203
			880 lm	4000 K		M200303
		36°	805 lm	3000 K		M200403
			855 lm	4000 K		M200503

220/240Vac 50/60Hz electronic ballast included.

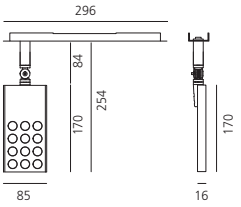


IP40 ⏚
650°

PAD kit for Algoritmo System

W	Weight	Beam	Flux	CCT	Color	Non dimmable Code
14,5 W	0,53 kg	12°	825 lm	3000 K		M200002
			880 lm	4000 K		M200102
		24°	825 lm	3000 K		M200202
			880 lm	4000 K		M200302
		36°	805 lm	3000 K		M200402
			855 lm	4000 K		M200502

220/240Vac 50/60Hz electronic ballast included.
For Algoritmo, please see page 340

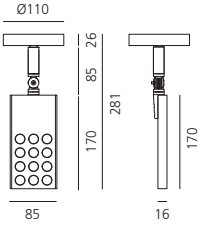


IP40 ⏚
650°

PAD ceiling

W	Weight	Beam	Flux	CCT	Color	SwitchDim Code
14,5 W	0,74 kg	12°	825 lm	3000 K		M200001
			880 lm	4000 K		M200101
		24°	825 lm	3000 K		M200201
			880 lm	4000 K		M200301
		36°	805 lm	3000 K		M200401
			855 lm	4000 K		M200501

220/240Vac 50/60Hz electronic ballast included.



IP40 ⏚
650°

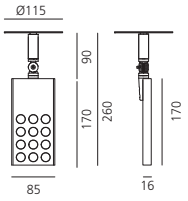
PAD semirecessed

Gloss anodised

W	Weight	Beam	Flux	CCT	Color	SwitchDim Code
14,5 W	0,73 kg	12°	825 lm	3000 K	◑	M200004
			880 lm	4000 K	◑	M200104
		24°	825 lm	3000 K	◑	M200204
			880 lm	4000 K	◑	M200304
		36°	805 lm	3000 K	◑	M200404
			855 lm	4000 K	◑	M200504

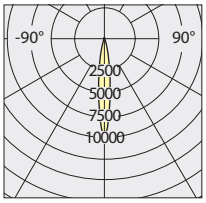
220/240Vac 50/60Hz electronic ballast included.

IP40 ⏚
650°



Pad 12°

LED		luminaire	
Power	12 W	12 W	14,5 W	14,5 W
Flux	994 lm	1060 lm	825 lm	880 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (typ.)			
Color tolerance	MacAdam 4SDCM			
Service life	L70(14K) > 81600h			
Beam			12°	12°
Efficiency			83%	83%
Efficacy	82,8 lm/W	88,2 lm/W	56,8 lm/W	60,5 lm/W

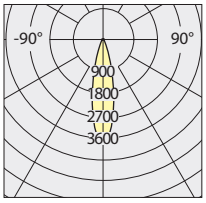


cd/klm

	3000 K				α=12°	4000 K				α=12°
	H m	Ø m	EMax lux	EM lux		H m	Ø m	EMax lux	EM lux	
1	0,24	8073	5008		1	0,24	8611	5342	
2	0,47	2018	1252		2	0,47	2153	1335	
3	0,71	897	556		3	0,71	957	594	
4	0,94	505	313		4	0,94	538	334	
5	1,18	323	220		5	1,18	344	214	

Pad 24°

LED		luminaire	
Power	12 W	12 W	14,5 W	14,5 W
Flux	994 lm	1060 lm	825 lm	880 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (typ.)			
Color tolerance	MacAdam 4SDCM			
Service life	L70(14K) > 81600h			
Beam			24°	24°
Efficiency			83%	83%
Efficacy	82,8 lm/W	88,2 lm/W	56,9 lm/W	60,6 lm/W

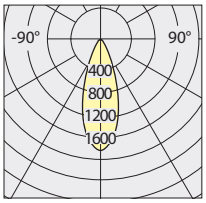


cd/klm

	3000 K				α=24°	4000 K				α=24°
	H m	Ø m	EMax lux	EM lux		H m	Ø m	EMax lux	EM lux	
1	0,41	3238	2009		1	0,41	3453	2143	
2	0,82	809	502		2	0,82	863	536	
3	1,23	360	223		3	1,23	384	238	
4	1,64	202	126		4	1,64	216	134	
5	2,05	130	80		5	2,05	138	86	

Pad 36°

LED		luminaire	
Power	12 W	12 W	14,5 W	14,5 W
Flux	994 lm	1060 lm	805 lm	855 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (typ.)			
Color tolerance	MacAdam 4SDCM			
Service life	L70(14K) > 81600h			
Beam			36°	36°
Efficiency			81%	81%
Efficacy	82,8 lm/W	88,2 lm/W	55,5 lm/W	59,1 lm/W



cd/klm

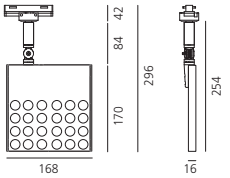
	3000 K				α=36°	4000 K				α=36°
	H m	Ø m	EMax lux	EM lux		H m	Ø m	EMax lux	EM lux	
1	0,65	1493	893		1	0,65	1586	948	
2	1,30	373	223		2	1,30	397	237	
3	1,95	166	99		3	1,95	176	105	
4	2,61	93	56		4	2,61	99	59	
5	3,26	60	36		5	3,26	63	38	

PAD Square track

Gloss anodised

W	Weight	Beam	Flux	CCT	Color	Non dimmable Code
29 W	0,65 kg	12°	1650 lm	3000 K		M201503
			1750 lm	4000 K		M201603
		24°	1650 lm	3000 K		M201703
			1750 lm	4000 K		M201803
		36°	1610 lm	3000 K		M201903
			1710 lm	4000 K		M202003

220/240Vac 50/60Hz electronic ballast included.

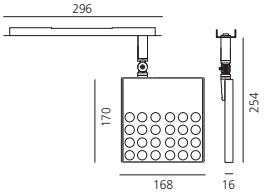


IP40 ⏚
650°

PAD Square kit for Algoritmo System

W	Weight	Beam	Flux	CCT	Color	Non dimmable Code
29W	0,76 kg	12°	1650 lm	3000 K		M201502
			1750 lm	4000 K		M201602
		24°	1650 lm	3000 K		M201702
			1750 lm	4000 K		M201802
		36°	1610 lm	3000 K		M201902
			1710 lm	4000 K		M202002

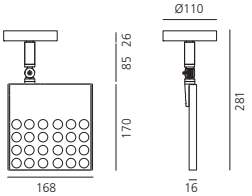
220/240Vac 50/60Hz electronic ballast included.
For Algoritmo, please see page 342



IP40 ⏚
650°

PAD Square ceiling

W	Weight	Beam	Flux	CCT	Color	Non dimmable Code
29 W	0,98 kg	12°	1650 lm	3000 K		M201501
			1750 lm	4000 K		M201601
		24°	1650 lm	3000 K		M201701
			1750 lm	4000 K		M201801
		36°	1610 lm	3000 K		M201901
			1710 lm	4000 K		M202001



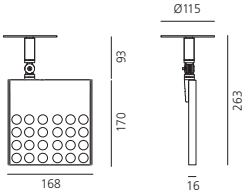
IP40 ⏚
650°

PAD Square semi-recessed

Gloss anodised

W	Weight	Beam	Flux	CCT	Color	Non dimmable Code
29 W	0,97 kg	12°	1650 lm	3000 K	◑	M201504
			1750 lm	4000 K	◑	M201604
		24°	1650 lm	3000 K	◑	M201704
			1750 lm	4000 K	◑	M201804
		36°	1610 lm	3000 K	◑	M201904
			1710 lm	4000 K	◑	M202004

220/240Vac 50/60Hz electronic ballast included.

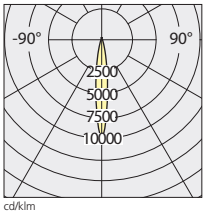


IP40 ⏚
650°

Pad Square 12°

	LED		luminaire	
Power	24 W	24 W	29 W	29 W
Flux	1988 lm	2120 lm	1650 lm	1750 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (typ.)			
Color tolerance	MacAdam 4SDCM			
Service life	L70(14K) > 81600h			
Beam			12°	12°
Efficiency			83%	83%
Efficacy	82,8 lm/W	88,2 lm/W	56,8 lm/W	60,5 lm/W

29 W



cd/klm

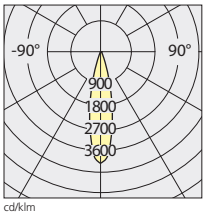
	3000 K					4000 K			
	H m	Ø m	EMax lux	EM lux		H m	Ø m	EMax lux	EM lux
	1	0,24	16147	10016		1	0,24	17223	10684
	2	0,47	4037	2504		2	0,47	4306	2671
	3	0,71	1794	1113		3	0,71	1914	1187
	4	0,94	1009	626		4	0,94	1076	668
	5	1,18	646	401		5	1,18	689	427

α=12° α=12°

Pad Square 24°

	LED		luminaire	
Power	24 W	24 W	29 W	29 W
Flux	1988 lm	2120 lm	1650 lm	1750 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (typ.)			
Color tolerance	MacAdam 4SDCM			
Service life	L70(14K) > 81600h			
Beam			24°	24°
Efficiency			83%	83%
Efficacy	82,8 lm/W	88,2 lm/W	56,9 lm/W	60,6 lm/W

29 W



cd/klm

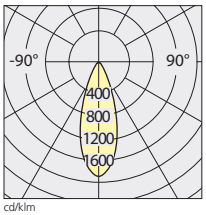
	3000 K					4000 K			
	H m	Ø m	EMax lux	EM lux		H m	Ø m	EMax lux	EM lux
	1	0,41	6475	4018		1	0,41	6907	4286
	2	0,82	1619	1005		2	0,82	1727	1072
	3	1,23	719	446		3	1,23	767	476
	4	1,64	405	251		4	1,64	432	268
	5	2,05	259	161		5	2,05	276	171

α=24° α=24°

Pad Square 36°

	LED		luminaire	
Power	24 W	24 W	29 W	29 W
Flux	1988 lm	2120 lm	1610 lm	1710 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (typ.)			
Color tolerance	MacAdam 4SDCM			
Service life	L70(14K) > 81600h			
Beam			36°	36°
Efficiency			81%	81%
Efficacy	82,8 lm/W	88,2 lm/W	55,5 lm/W	59,1 lm/W

29 W



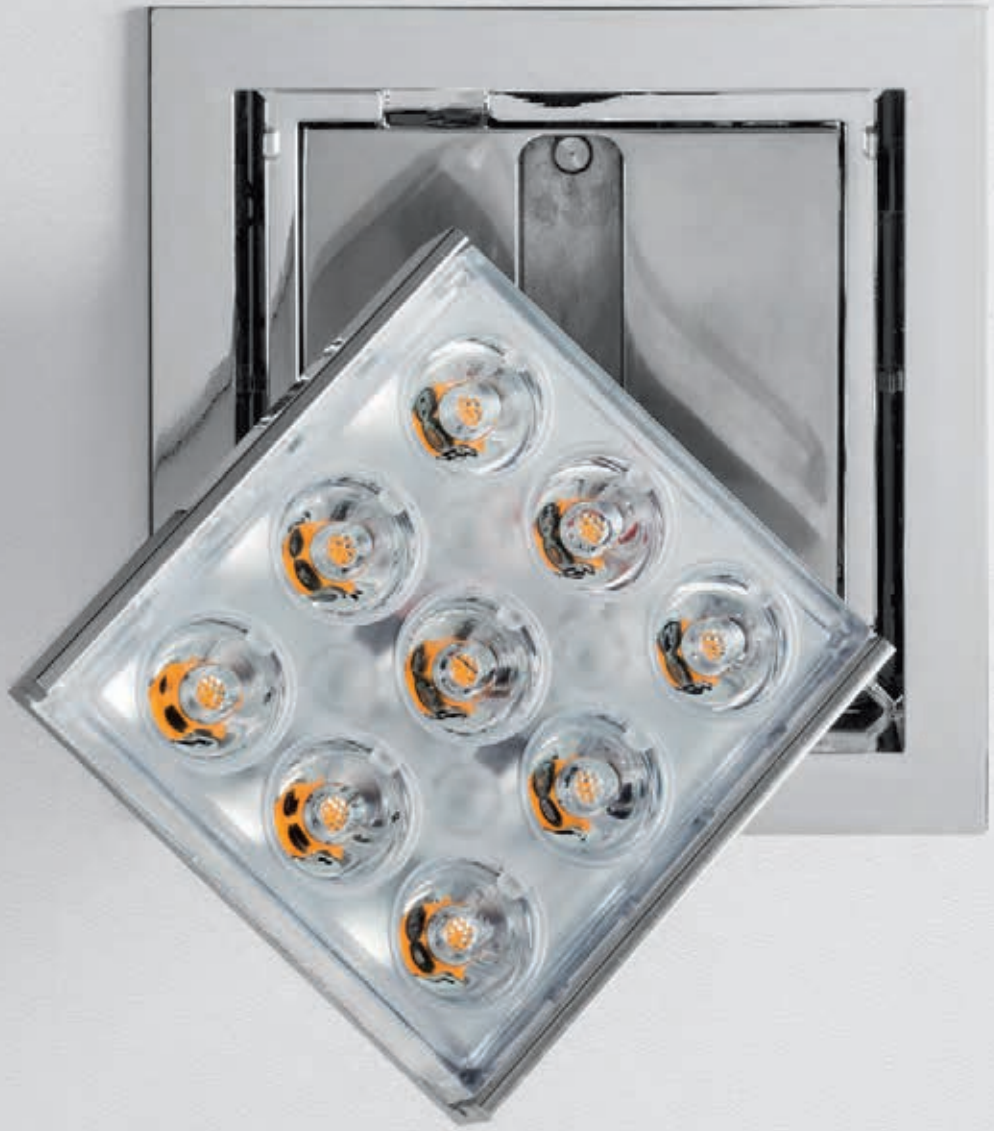
cd/klm

	3000 K					4000 K			
	H m	Ø m	EMax lux	EM lux		H m	Ø m	EMax lux	EM lux
	1	0,65	2987	1785		1	0,65	3172	1896
	2	1,30	747	446		2	1,30	793	474
	3	1,95	332	198		3	1,95	352	211
	4	2,61	187	112		4	2,61	198	118
	5	3,26	119	71		5	3,26	127	76

α=36° α=36°

PAD 80

Carlotta de Bevilacqua
2012



PAD 80 recessed adjustable - fixed
scale 1:1

Featuring an elegant design with integrated components, the PAD (Poème de l'Angle Droit) range is now available in a new series of unique and flexible, ceiling-mounted LED products. This new range integrates modularity, extreme quality and high photometric performance; it is extremely flexible and perfect for many applications, specifically retail spaces and art galleries.

PAD 80 recessed adjustable - fixed
scale 1:1

PAD 80

Light ON

Light OFF

- Efficient, clear accent lighting, fixed and adjustable.
- 3 beam angles: 15°, 24°, 36°.
- Diffused ambient lighting (in fixed version).
- 2 colour temperatures: warm white (3000K) and neutral white (4000K) - CRI=80 (min.).
- Excellent lighting efficiency > 70lm/W.
- High adjustability: 360° rotation, +90°/-90° tilt angle.
- Fixed version available as IP44.
- Easy installation of light modules, no tools required.
- Lighting units available in 3 finishes: gloss aluminium, painted white, painted black.
- Structural elements of recessed-mounted version available in 3 sizes, for use with 1, 2, 3 and 2x2 modules. 3 compatible finishes (polished aluminium, white, and black).
- Housing of ceiling-mounted version available in 3 sizes (1, 2, 3 lighting units), and 3 compatible finishes (polished aluminium, white and black).
- Recessed-mounted version available as trimless or framed.
- Materials: body in anodised extruded aluminium, diffuser in opal polycarbonate.
- Complies with standard EN60598-1 and other specific standards.

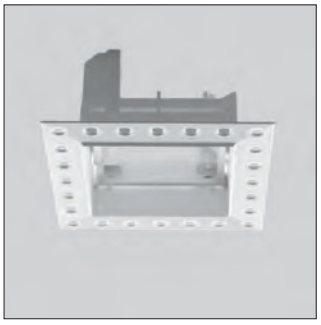
CAMPARI

PAD 80 Recessed

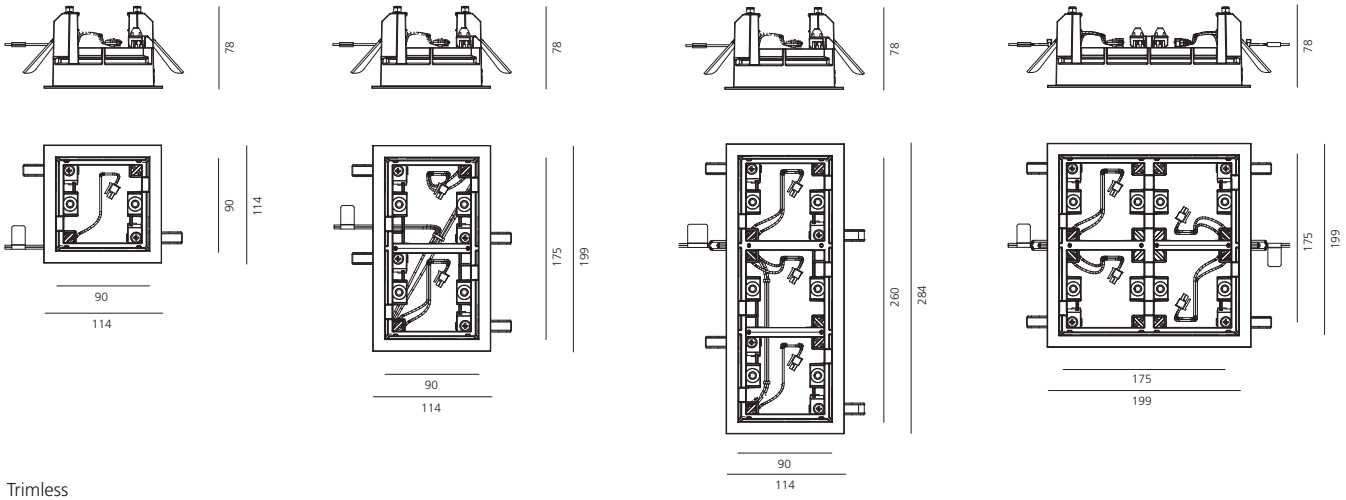
White ○ Black ● Gloss anodised ◑

Frame for recessed installation		Color	Trim	Trimless
			Code	Code
for 1 optic unit	103x103	○	M246820	M246420
		●	M246810	M246410
		◑	M246860	M246460
for 2 optic units	103x186	○	M246920	M246520
		●	M246910	M246510
		◑	M246960	M246560
for 3 optic units	103x271	○	M247020	M246620
		●	M247010	M246610
		◑	M247060	M246660
for 4 optic units	189x189	○	M247120	M246720
		●	M247110	M246710
		◑	M247160	M246760

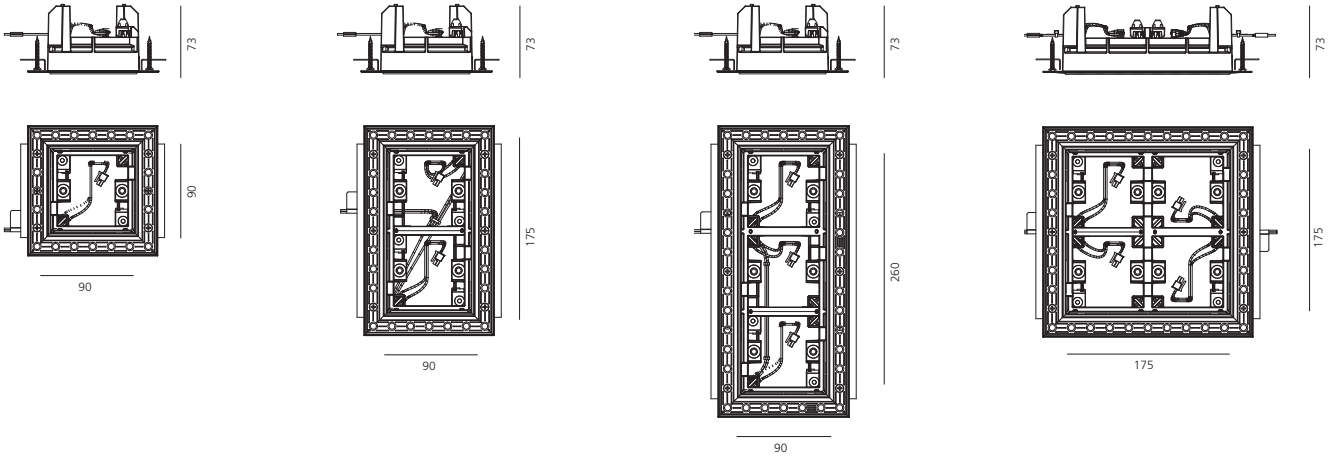
Independent power supply and optic units, to be ordered separately.
Plasterboard thickness from 1mm to 40mm



Trim



Trimless



PAD 80 Ceiling

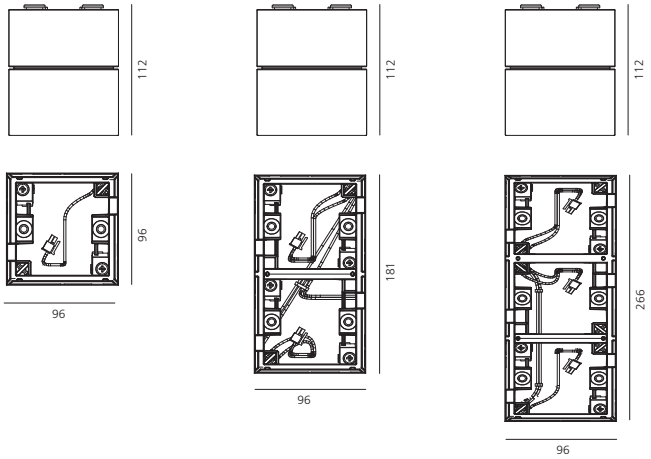
White ○ Black ● Gloss anodised ◑

Frame for ceiling version

			Color	Code
for 1 optic unit	11 W	96x96x109 h	○	M247220
			●	M247210
			◑	M247260
for 2 optics units	21 W	96x181x109 h	○	M247320
			●	M247240
			◑	M247360
for 3 optics units	32 W	96x266x109 h	○	M247420
			●	M247410
			◑	M247460

Optic units, to be ordered separately.

220/240Vac 50/60Hz electronic ballast included

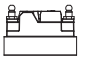


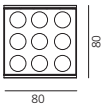
PAD 80 LED with fixed lenses

White ○ Black ● Gloss anodised ◑

LED optic unit

W (LED)	Weight	Beam	Flux	CCT	Light unit	Code
9,5 W	0,35 kg	15°	710 lm	3000 K	○	M245020
					●	M245010
					◑	M245060
			810 lm	4000 K	○	M245420
					●	M245410
					◑	M245460
		24°	610 lm	3000 K	○	M245120
					●	M245110
					◑	M245160
			695 lm	4000 K	○	M245520
					●	M245510
					◑	M245560
		36°	645 lm	3000 K	○	M245220
					●	M245210
					◑	M245260
			735 lm	4000 K	○	M245620
					●	M245610
					◑	M245660



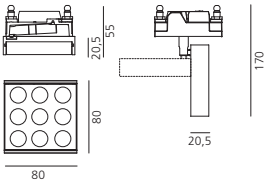


▼ **IP**20 / ▲ **IP**44 ⧫
650°

PAD 80 LED with adjustable lenses

LED optic unit

W (LED)	Weight	Beam	Flux	CCT	Light unit	Code
9,5 W	0,36 kg	15°	710 lm	3000 K	○	M245820
					●	M245810
					◑	M245860
			810 lm	4000 K	○	M246120
					●	M246110
					◑	M246160
		24°	610 lm	3000 K	○	M245920
					●	M245910
					◑	M245960
			695 lm	4000 K	○	M246220
					●	M246210
					◑	M246260
		36°	645 lm	3000 K	○	M246020
					●	M246010
					◑	M246060
			735 lm	4000 K	○	M246320
					●	M246310
					◑	M246360

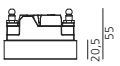


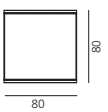
IP20 ⧫
650°

PAD 80 fixed diffuser

LED optic unit

W (LED)	Weight	Beam	Flux	CCT	Light unit	Code
9,5 W	0,35 kg	98°	620 lm	3000 K	○	M245320
					●	M245310
					◑	M245360
			704 lm	4000 K	○	M245720
					●	M245710
					◑	M245760

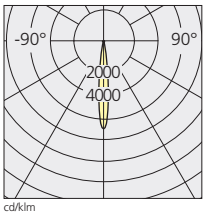




▼ **IP**20 / ▲ **IP**44 ⧫
650°

Pad 80	**15°**	LED		luminaire	
Power		9,5 W	9,5 W	9,5 W	9,5 W
Flux		830 lm	945 lm	710 lm	810 lm
CCT		3000 K	4000 K	3000 K	4000 K
CRI		=80 (min.)			
Color tolerance		MacAdam 4SDCM			
Service life		L70(4K) > 60500h			
Beam				15°	15°
Efficiency				86%	86%
Efficacy		85,6 lm/W	95,7 lm/W	73,2 lm/W	83,5 lm/W

9,5 W — 3000 K — α=15° — 4000 K — α=15°

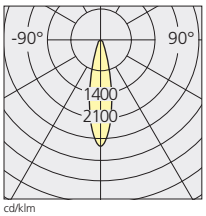


cd/klm

H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	0,27	5165	3254	1	0,27	5892	3713
2	0,53	1291	814	2	0,53	1473	938
3	0,80	574	362	3	0,80	655	413
4	1,07	323	203	4	1,07	368	232
5	1,34	207	130	5	1,34	236	149

Pad 80	**24°**	LED		luminaire	
Power		9,5 W	9,5 W	9,5 W	9,5 W
Flux		830 lm	945 lm	610 lm	695 lm
CCT		3000 K	4000 K	3000 K	4000 K
CRI		=80 (min.)			
Color tolerance		MacAdam 4SDCM			
Service life		L70(4K) > 60500h			
Beam				24°	24°
Efficiency				73%	73%
Efficacy		85,6 lm/W	95,7 lm/W	62,8 lm/W	71,6 lm/W

9,5 W — 3000 K — α=24° — 4000 K — α=24°

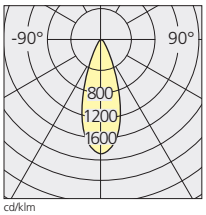


cd/klm

H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	0,42	1856	1148	1	0,42	2115	1308
2	0,84	464	287	2	0,84	529	327
3	1,26	206	128	3	1,26	235	145
4	1,69	116	72	4	1,69	132	82
5	2,11	74	46	5	2,11	85	52

Pad 80	**36°**	LED		luminaire	
Power		9,5 W	9,5 W	9,5 W	9,5 W
Flux		830 lm	945 lm	645 lm	735 lm
CCT		3000 K	4000 K	3000 K	4000 K
CRI		=80 (min.)			
Color tolerance		MacAdam 4SDCM			
Service life		L70(4K) > 60500h			
Beam				36°	36°
Efficiency				77%	77%
Efficacy		85,6 lm/W	95,7 lm/W	66,4 lm/W	75,7 lm/W

9,5 W — 3000 K — α=36° — 4000 K — α=36°

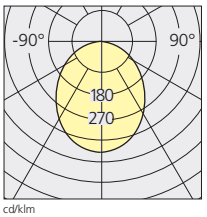


cd/klm

H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	0,66	1218	737	1	0,66	1388	839
2	1,33	304	184	2	1,33	347	210
3	1,99	135	82	3	1,99	154	93
4	2,66	76	46	4	2,66	87	52
5	3,32	49	29	5	3,32	56	34

PAD 80 fixed diffuser		LED		luminaire	
Power		9,5 W	9,5 W	9,5 W	9,5 W
Flux		830 lm	945 lm	620 lm	704 lm
CCT		3000 K	4000 K	3000 K	4000 K
CRI		=80 (min.)			
Color tolerance		MacAdam 4SDCM			
Service life		L70(4K) > 60500h			
Beam				98°	98°
Efficiency				75%	75%
Efficacy		85,6 lm/W	95,7 lm/W	65 lm/W	74 lm/W

9,5 W — 3000 K — α=98° — 4000 K — α=98°



cd/klm

H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	2,31	253	79	1	2,31	287	90
2	4,62	63	20	2	4,62	72	23
3	6,93	28	9	3	6,93	32	10
4	9,24	16	5	4	9,24	18	6
5	11,55	10	3	5	11,55	11	4

Non dimmable power supply

	Code
Independent LED power supply Non dimmable. Output power: 111 W. Supply voltage: 220-240 V. Output current: 350 mA. SELV. IP20. Insulation class II. 1 power supply for 1 optic Pad 80	M074600
Independent LED power supply Non dimmable. Output power: 20 W. Supply voltage: 220-240 V. Output current: 350 mA. SELV. IP20. Insulation class II. 1 power supply for 2 optic Pad 80 2 power supply for 2x2 optics Pad 80	M076300
Independent LED power supply Non dimmable. Output power: 35 W. Supply voltage: 220-240 V. Output current: 350 mA. SELV. IP20. Insulation class II. 1 power supply for 3 optic Pad 80	M076400

Dali dimmable power supply

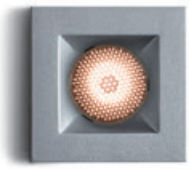
	Code
Independent LED power supply Dimmable Dali. Output power: 17W. Supply voltage: 220-240 V. Output current: 350 mA. SELV. IP20. Insulation class II. 1 power supply for 1 optic Pad 80	M076500
Independent LED power supply Dimmable Dali-SwitchDim. Output power: 35 W. Supply voltage: 220-240 V. Output current: 350 mA. SELV. IP20. Insulation class II. 1 Alimentatore per 2 o 3 ottiche Pad 80	M076600
Independent LED power supply Dimmable Dali. Output power: 40 W (2x20 W). Supply voltage: 220-240 V. Output current: 350 mA. SELV. IP20. Insulation class II. 2 power supply for 2x2 optics Pad 80	M076200

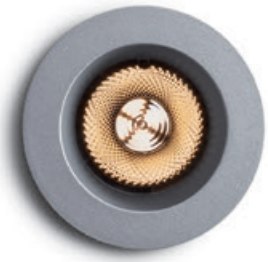
Downlighting

190 Everything
216 Luceri
244 Parabola
258 Rastaf
264 Toplite
268 Nothing Downlight
274 Java Downlight
278 Zeno UP
284 Zeno Up Frosted
288 Hide

Everything

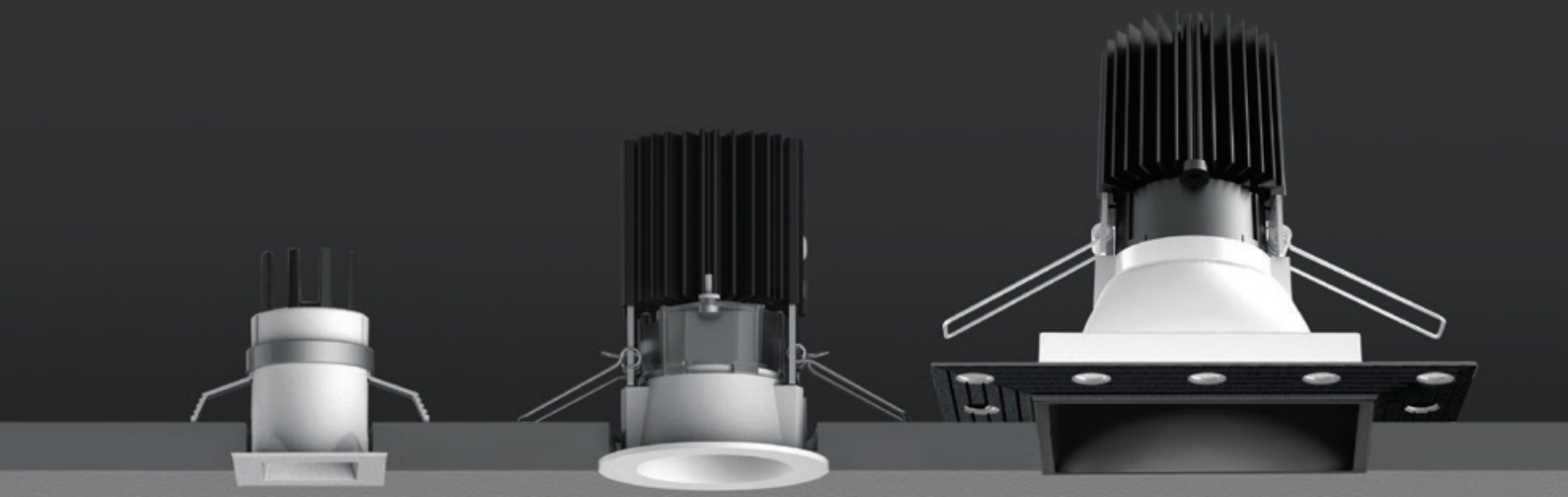
Ernesto Gismondi
2013





Everything is an innovative range of professional recessed light fittings created to deliver a high lighting performance, with an eye on energy saving and excellent visual comfort. A complete, flexible product range, extremely versatile in its many applications and able to meet challenging lighting performance criteria.

Everything



Everything 35
round-square

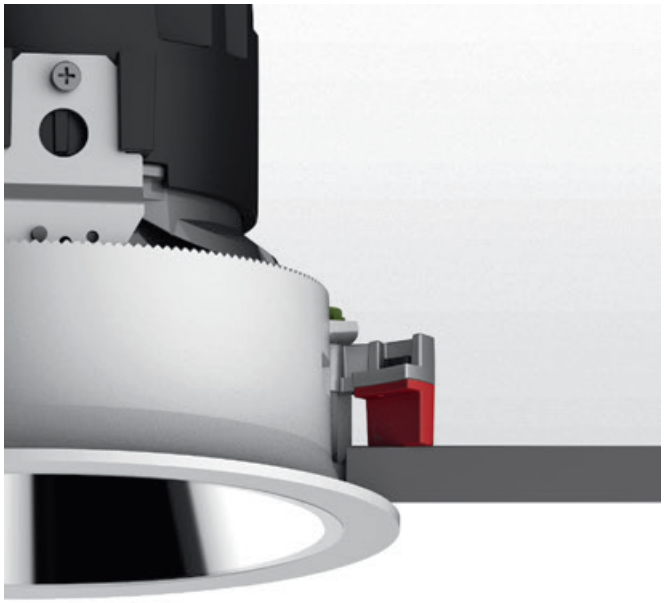
Everything 55
round-square

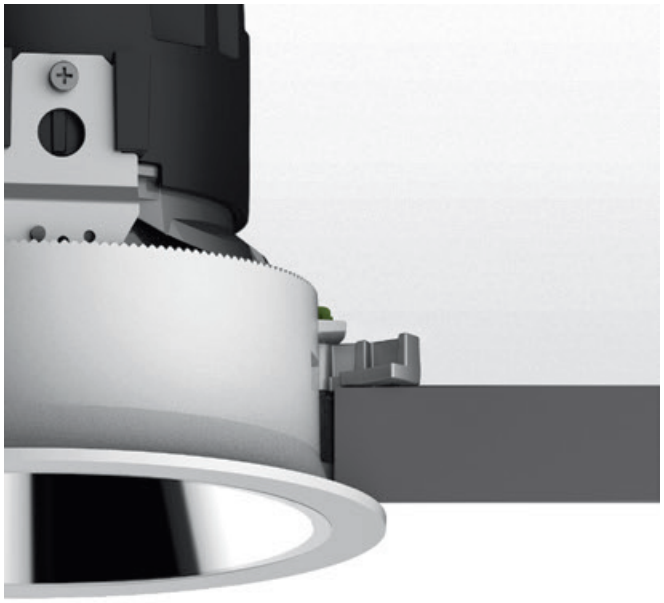
Everything 80
round-square

- 5 dimensions: 35 mm, 55 mm, 80 mm, 105 mm, 150 mm.
- Different options available: professional and standard, fixed or adjustable (excluding Everything 35), round or square.
- LED versions use an optical system based on a hybrid technology (lens and reflector) producing defined beams with high-power LEDs.
- The extruded aluminium heat sink guarantees great thermal management, long life and high efficiency, while providing maximum luminous flux.
- Mono-chromatic emissions in warm white (3000K) and neutral white (4000K) – CRI=80 (min).
- Adjustable versions (excluding Everything 80 option) are equipped with a blocking system to guarantee perfect framing.
- Rotation up to 360°, beam angle +30°/-30°.
- Separate electronic driver: non-dimmable or DALI dimmable options for LED products.
- Compliant with standard EN60598-1 and other specific regulations.

Everything 105
round-square

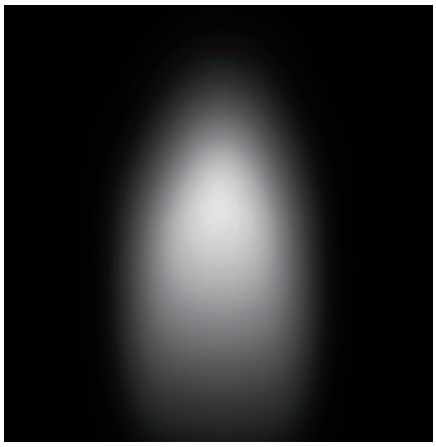
Everything 150
round-square





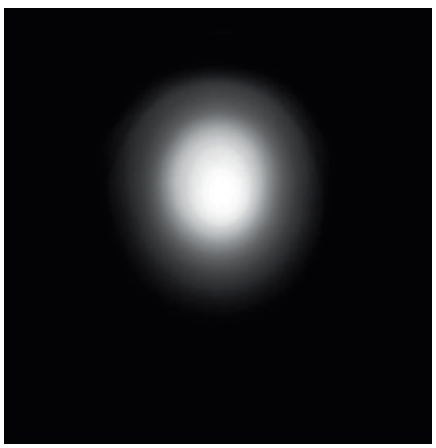
Spot

Medium flood

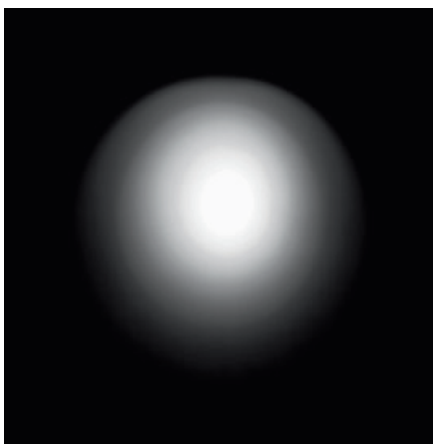


Wide flood

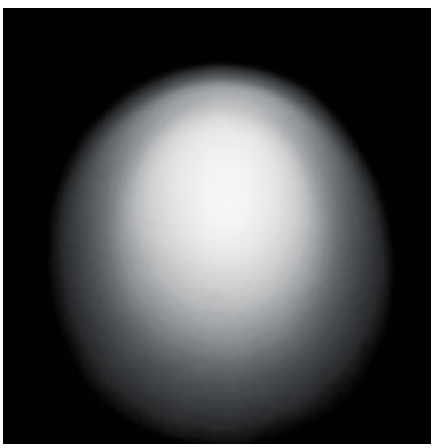
Spot



Medium flood



Wide flood

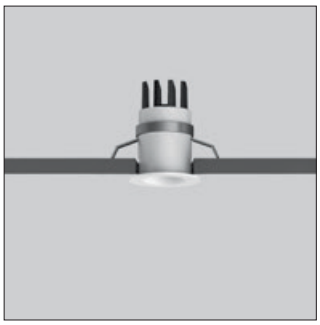


Everything 35

White ○ Black ● Silver ●

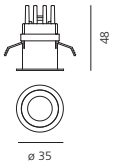
Round

W LED	Weight	Beam	Flux	CCT	Color	Code
1,4 W	0,10 kg	14°	98 lm	3000 K	○	NL4203010K006
					●	NL4203010K004
					●	NL4203010K002
			105 lm	4000 K	○	NL4203010W006
					●	NL4203010W004
					●	NL4203010W002
		24°	98 lm	3000 K	○	NL4203025K006
					●	NL4203025K004
					●	NL4203025K002
			105 lm	4000 K	○	NL4203025W006
					●	NL4203025W004
					●	NL4203025W002



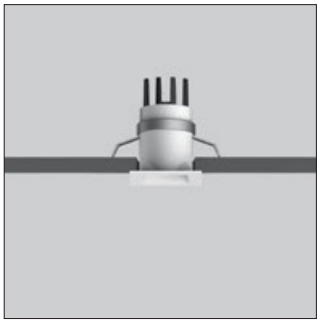
IP20 ø 29 mm

Driver 500 mA SELV supplied separately.



Square

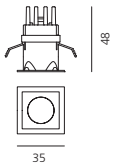
W LED	Weight	Beam	Flux	CCT	Color	Code
1,4 W	0,10 kg	14°	98 lm	3000 K	○	NL4203110K006
					●	NL4203110K004
					●	NL4203110K002
			105 lm	4000 K	○	NL4203110W006
					●	NL4203110W004
					●	NL4203110W002
		24°	98 lm	3000 K	○	NL4203125K006
					●	NL4203125K004
					●	NL4203125K002
			105 lm	4000 K	○	NL4203125W006
					●	NL4203125W004
					●	NL4203125W002



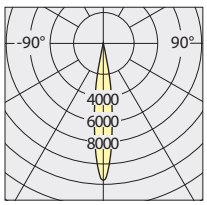
IP20 29 x 29 mm

Driver 500 mA SELV supplied separately.

Driver	Vac	Lmm	Wmm	Hmm			Code
cc 8W 500mA slim	220-240	22	110	19	4max	Non dimmable	NL19041
cc 24W 500mA	220-240	103	67	21	11max	PUSH/1-10V dimmable	M079300
cc 24W 500mA	220-240	103	67	21	11max	DALI dimmable	M079200

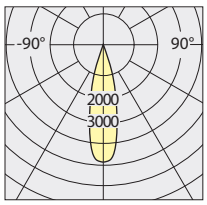


Everything 35 14°	LED		luminaire		1,4 W	3000 K		α=14°	4000 K		α=14°
						H m	Ø m	E lux	H m	Ø m	E lux
Power	1,4 W	1,4 W	1,4 W	1,4 W		0,5	0,12	4623	0,5	0,12	4953
Flux	126 lm	134 lm	98 lm	105 lm		1,0	0,24	1156	1,0	0,24	1238
CCT	3000 K	4000 K	3000 K	4000 K		1,5	0,36	514	1,5	0,36	550
CRI	=80 (min.)					2,0	0,48	289	2,0	0,48	310
Color tolerance	MacAdam 4SDCM					2,5	0,60	185	2,5	0,60	198
Service life	L70(6K) > 39000h					3,0	0,72	128	3,0	0,72	138
Beam			14°	14°							
Efficiency			78%	78%							
Efficacy	90 lm/W	60 lm/W	70 lm/W	75 lm/W							



cd/klm

Everything 35 24°	LED		luminaire		1,4 W	3000 K		α=24°	4000 K		α=24°
						H m	Ø m	E lux	H m	Ø m	E lux
Power	1,4 W	1,4 W	1,4 W	1,4 W		0,5	0,21	1878	0,5	0,21	2012
Flux	126 lm	134 lm	98 lm	105 lm		1,0	0,42	470	1,0	0,42	503
CCT	3000 K	4000 K	3000 K	4000 K		1,5	0,63	209	1,5	0,63	224
CRI	=80 (min.)					2,0	0,84	117	2,0	0,84	126
Color tolerance	MacAdam 4SDCM					2,5	1,04	75	2,5	1,04	80
Service life	L70(6K) > 39000h					3,0	1,25	52	3,0	1,25	56
Beam			24°	24°							
Efficiency			78%	78%							
Efficacy	90 lm/W	96 lm/W	70 lm/W	75 lm/W							



cd/klm

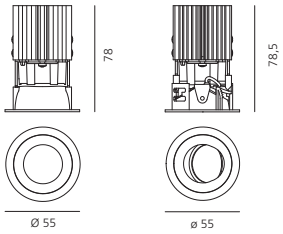
Everything 55

White ○ Black ● Silver ●

Round

W LED	Weight	Beam	Flux	CCT	Color	Fixed Code	Adjustable Code
6,4 W	0,20 kg	20°	475 lm	3000 K	○	NL4203518K006	NL4203318K006
					●	NL4203518K004	NL4203318K004
					●	NL4203518K002	NL4203318K002
			513 lm	4000 K	○	NL4203518W006	NL4203318W006
					●	NL4203518W004	NL4203318W004
					●	NL4203518W002	NL4203318W002
		34°	442 lm	3000 K	○	NL4203534K006	NL4203334K006
					●	NL4203534K004	NL4203334K004
					●	NL4203534K002	NL4203334K002
			476 lm	4000 K	○	NL4203534W006	NL4203334W006
					●	NL4203534W004	NL4203334W004
					●	NL4203534W002	NL4203334W002
8,5 W	0,30 kg	20°	634 lm	3000 K	○	NL4204118K006	
					●	NL4204118K004	
					●	NL4204118K002	
			684 lm	4000 K	○	NL4204118W006	
					●	NL4204118W004	
					●	NL4204118W002	
		34°	589 lm	3000 K	○	NL4204134K006	
					●	NL4204134K004	
					●	NL4204134K002	
			634 lm	4000 K	○	NL4204134W006	
					●	NL4204134W004	
					●	NL4204134W002	

IP20 ø 50 mm



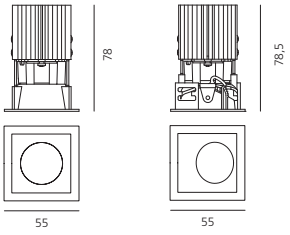
30°

Driver 500/700 mA SELV supplied separately.

Square

W LED	Weight	Beam	Flux	CCT	Color	Fixed Code	Adjustable Code
6,4 W	0,20 kg	20°	475 lm	3000 K	○	NL4203418K006	NL4203218K006
					●	NL4203418K004	NL4203218K004
					●	NL4203418K002	NL4203218K002
			513 lm	4000 K	○	NL4203418W006	NL4203218W006
					●	NL4203418W004	NL4203218W004
					●	NL4203418W002	NL4203218W002
		34°	442 lm	3000 K	○	NL4203434K006	NL4203234K006
					●	NL4203434K004	NL4203234K004
					●	NL4203434K002	NL4203234K002
			476 lm	4000 K	○	NL4203434W006	NL4203234W006
					●	NL4203434W004	NL4203234W004
					●	NL4203434W002	NL4203234W002
8,5 W	0,30 kg	20°	634 lm	3000 K	○	NL4204218K006	
					●	NL4204218K004	
					●	NL4204218K002	
			684 lm	4000 K	○	NL4204218W006	
					●	NL4204218W004	
					●	NL4204218W002	
		34°	589 lm	3000 K	○	NL4204234K006	
					●	NL4204234K004	
					●	NL4204234K002	
			634 lm	4000 K	○	NL4204234W006	
					●	NL4204234W004	
					●	NL4204234W002	

IP20 50 x 50 mm

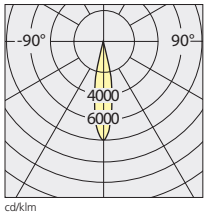


30°

Driver 500/700 mA SELV supplied separately.

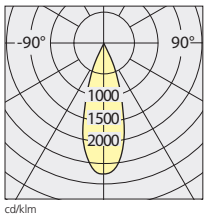
Driver	Vac	Lmm	Wmm	Hmm				Code
cc 15W 500mA	220-240	150	22	19	2max	Everything 55 - 6,4W	Non dimmable	M077900
cc 20W 700mA	220-240	125	38	23	1max	Everything 55 - 8,5W	Non dimmable	NL19036
cc 24W 500mA	220-240	103	67	21	3max	Everything 55 - 6,4W	PUSH/1-10V dimmable	M079300
cc 32W 500mA	220-240	103	67	21	3max	Everything 55 - 8,5W	PUSH/1-10V dimmable	M079300
cc 24W 500mA	220-240	103	67	21	3max	Everything 55 - 6,4W	DALI dimmable	M079200
cc 32W 500mA	220-240	103	67	21	3max	Everything 55 - 8,5W	DALI dimmable	M079200

Everything 55 20°	LED		luminaire		6,4 W	3000 K		α=20°	4000 K		α=20°
Power	6,4 W	6,4 W	6,4 W	6,4 W		H m	ØC0 m	E lux	H m	ØC0 m	E lux
Flux	566 lm	610 lm	475 lm	513 lm		0,5	0,17	15343	0,5	0,17	16568
CCT	3000 K	4000 K	3000 K	4000 K		1,0	0,35	3836	1,0	0,35	4142
CRI	=80 (min.)					1,5	0,52	1705	1,5	0,52	1841
Color tolerance	MacAdam 2SDCM					2,0	0,70	959	2,0	0,70	1035
Service life	L70(6K) > 51,400h					2,5	0,87	614	2,5	0,87	663
Beam			20°	20°		3,0	1,05	426	3,0	1,05	460
Efficiency			84%	84%							
Efficacy	89 lm/W	96 lm/W	75 lm/W	81 lm/W							



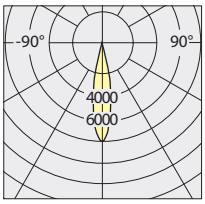
cd/klm

Everything 55 34°	LED		luminaire		6,4 W	3000 K		α=34°	4000 K		α=34°
Power	6,4 W	6,4 W	6,4 W	6,4 W		H m	ØC0 m	E lux	H m	ØC0 m	E lux
Flux	566 lm	610 lm	442 lm	476 lm		0,5	0,31	4976	0,5	0,31	5359
CCT	3000 K	4000 K	3000 K	4000 K		1,0	0,61	1244	1,0	0,61	1340
CRI	=80 (min.)					1,5	0,92	553	1,5	0,92	595
Color tolerance	MacAdam 2SDCM					2,0	1,22	311	2,0	1,22	335
Service life	L70(6K) > 51,400h					2,5	1,53	199	2,5	1,53	214
Beam			34°	34°		3,0	1,83	138	3,0	1,83	149
Efficiency			78%	78%							
Efficacy	89 lm/W	96 lm/W	69 lm/W	75 lm/W							



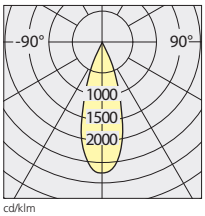
cd/klm

Everything 55 20°	LED		luminaire		8,5 W	3000 K		α=20°	4000 K		α=20°
Power	8,5 W	8,5 W	8,5 W	8,5 W		H m	ØC0 m	E lux	H m	ØC0 m	E lux
Flux	755 lm	813 lm	634 lm	684 lm		0,5	0,17	20436	0,5	0,17	22079
CCT	3000 K	4000 K	3000 K	4000 K		1,0	0,35	5109	1,0	0,35	5520
CRI	=80 (min.)					1,5	0,52	2271	1,5	0,52	2453
Color tolerance	MacAdam 2SDCM					2,0	0,70	1277	2,0	0,70	1380
Service life	L70(6K) > 51,400h					2,5	0,87	817	2,5	0,87	883
Beam			20°	20°		3,0	1,05	273	3,0	1,05	613
Efficiency			84%	84%							
Efficacy	89 lm/W	96 lm/W	75 lm/W	81 lm/W							



cd/klm

Everything 55 34°	LED		luminaire		8,5 W	3000 K		α=34°	4000 K		α=34°
Power	8,5 W	8,5 W	8,5 W	8,5 W		H m	ØC0 m	E lux	H m	ØC0 m	E lux
Flux	755 lm	813 lm	589 lm	634 lm		0,5	0,31	6631	0,5	0,31	7137
CCT	3000 K	4000 K	3000 K	4000 K		1,0	0,61	1658	1,0	0,61	1784
CRI	=80 (min.)					1,5	0,92	737	1,5	0,92	793
Color tolerance	MacAdam 2SDCM					2,0	1,22	414	2,0	1,22	446
Service life	L70(6K) > 51,400h					2,5	1,53	265	2,5	1,53	285
Beam			34°	34°		3,0	1,83	184	3,0	1,83	198
Efficiency			78%	78%							
Efficacy	89 lm/W	96 lm/W	69 lm/W	75 lm/W							



cd/klm

Everything 80 round

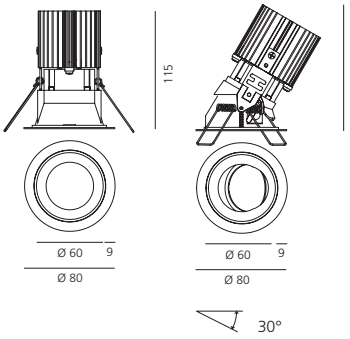
White ○ Black ● Silver ◉ Polished metal ◑

Trim

W LED	Weight	Beam	Flux	CCT	Trim	Deflector	Fixed Code	Adjustable Code
12 W	0,24 kg	20°	998 lm	3000 K	○	○	M251020	M251025
					●	◑	M278610	M278615
					○	◑	M278620	M278625
					○	●	M251620	M251625
					●	●	M251610	M251615
					◉	●	M251660	M251665
			1048 lm	4000 K	○	○	M251120	M251125
					●	◑	M278710	M278715
					○	◑	M278720	M278725
					○	●	M251720	M251725
					●	●	M251710	M251715
					◉	●	M251760	M251765
		24°	901 lm	3000 K	○	○	M251220	M251225
					●	◑	M278810	M278815
					○	◑	M278820	M278825
					○	●	M251820	M251825
					●	●	M251810	M251815
					◉	●	M251860	M251865
			946 lm	4000 K	○	○	M251320	M251325
					●	◑	M278910	M278915
					○	◑	M278920	M278925
					○	●	M251920	M251925
					●	●	M251910	M251915
					◉	●	M251960	M251965
		48°	796 lm	3000 K	○	○	M251420	M251425
					●	◑	M279010	M279015
					○	◑	M279020	M279025
					○	●	M252020	M252025
					●	●	M252010	M252015
					◉	●	M252060	M252065
			836 lm	4000 K	○	○	M251520	M251525
					●	◑	M279110	M279115
					○	◑	M279120	M279125
					○	●	M252120	M252125
					●	●	M252110	M252115
					◉	●	M252160	M252165

▼ **IP**20 / ▲ **IP**44 ⌖ 850°

ø 67 mm



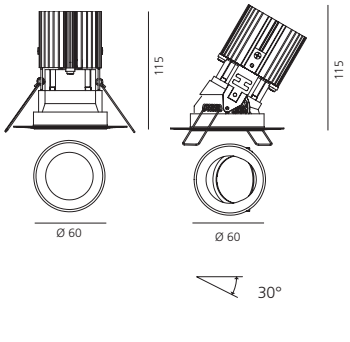
Driver 350mA SELV supplied separately.

Trimless

W LED	Weight	Beam	Flux	CCT	Deflector	Fixed Code	Adjustable Code
12 W	0,24 kg	20°	998 lm	3000 K	○	M252200	M252205
					●	M252800	M252805
					◑	M279200	M279205
			1048 lm	4000 K	○	M252300	M252305
					●	M252900	M252905
					◑	M279300	M279305
		24°	901 lm	3000 K	○	M252400	M252405
					●	M253000	M253005
					◑	M279400	M279405
			946 lm	4000 K	○	M252500	M252505
					●	M253100	M253105
					◑	M279500	M279505
		48°	796 lm	3000 K	○	M252600	M252605
					●	M253200	M253205
					◑	M279600	M279605
			836 lm	4000 K	○	M252700	M252705
					●	M253300	M253305
					◑	M279700	M279705

▼ **IP**20 / ▲ **IP**44 ⌖ 850°

ø 67 mm



Driver 350mA SELV supplied separately.

Driver	Vac	L_{mm}	W_{mm}	H_{mm}			Code
cc 15W 350mA	220-240	125	38	23	1max	Non dimmable	M077500
cc 16W 350mA	220-240	156	52	26	1max	DALI/PUSH/0-10V dimmable	M077401

Everything 80 square

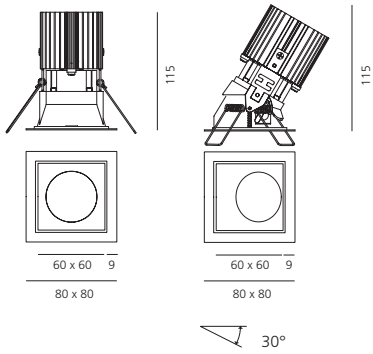
White ○ Black ● Silver ◍ Polished metal ◑

Trim

W LED	Weight	Beam	Flux	CCT	Trim	Deflector	Fixed Code	Adjustable Code
12 W	0,24 kg	20°	998 lm	3000 K	○	○	M253420	M253425
					●	◑	M273610	M273615
					○	◑	M273620	M273625
					○	●	M254020	M254025
					●	●	M254010	M254015
					◍	●	M254060	M254065
			1048 lm	4000 K	○	○	M253520	M253525
					●	◑	M273710	M273715
					○	◑	M273720	M273725
					○	●	M254120	M254125
					●	●	M254110	M254115
					◍	●	M254160	M254165
		24°	901 lm	3000 K	○	○	M253620	M253625
					●	◑	M273810	M273815
					○	◑	M273820	M273825
					○	●	M254220	M254225
					●	●	M254210	M254215
					◍	●	M254260	M254265
			946 lm	4000 K	○	○	M253720	M253725
					●	◑	M273910	M273915
					○	◑	M273920	M273925
					○	●	M254320	M254325
					●	●	M254310	M254315
					◍	●	M254360	M254365
		48°	796 lm	3000 K	○	○	M253820	M253825
					●	◑	M274010	M274015
					○	◑	M274020	M274025
					○	●	M254420	M254425
					●	●	M254410	M254415
					◍	●	M254460	M254465
			836 lm	4000 K	○	○	M253920	M253925
					●	◑	M274110	M274115
					○	◑	M274120	M274125
					○	●	M254520	M254525
					●	●	M254510	M254515
					◍	●	M254560	M254565

▼ **IP**20 / ▲ **IP**44 ⌖ 850°

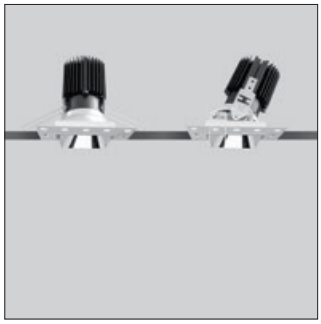
67 x 67 mm



Driver 350mA SELV supplied separately.

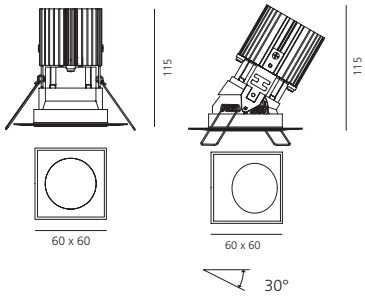
Trimless

W LED	Weight	Beam	Flux	CCT	Deflector	Fixed Code	Adjustable Code
12 W	0,24 kg	20°	998 lm	3000 K	○	M254600	M254605
					●	M255200	M255205
					◑	M274200	M274205
			1048 lm	4000 K	○	M254700	M254705
					●	M255300	M255305
					◑	M274300	M274305
		24°	901 lm	3000 K	○	M254800	M254805
					●	M255400	M255405
					◑	M274400	M274405
			946 lm	4000 K	○	M254900	M254905
					●	M255500	M255505
					◑	M274500	M274505
		48°	796 lm	3000 K	○	M255000	M255005
					●	M255600	M255605
					◑	M274600	M274605
			836 lm	4000 K	○	M255100	M255105
					●	M255700	M255705
					◑	M274700	M274705



▼ **IP**20 / ▲ **IP**44 ⌖ 850°

67 x 67 mm

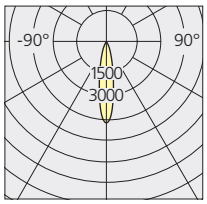


Driver 350mA SELV supplied separately.

Driver	Vac	L_{mm}	W_{mm}	H_{mm}			Code
cc 15W 350mA	220-240	125	38	23	1max	Non dimmable	M077500
cc 16W 350mA	220-240	156	52	26	1max	DALI dimmable	M077401

Everything 20°	LED		luminaire	
Power	12 W	12 W	12 W	12 W
Flux	1229 lm	1291 lm	998 lm	1048 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(6K) > 54000h			
Beam			20°	20°
Efficiency			81,2%	81,2%
Efficacy	98,3 lm/W	103.29 lm/W	79,9 lm/W	83,87 lm/W

12 W

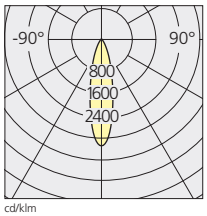


cd/klm

3000 K				α=20°	4000 K				α=20°
H m	Ø m	EMax lux	EM lux		H m	Ø m	EMax lux	EM lux	
1	0,35	4178	2625		1	0,35	4275	2686	
2	0,71	1044	656		2	0,71	1069	671	
3	1,06	464	292		3	1,06	475	298	
4	1,41	261	164		4	1,41	267	168	
5	1,77	167	105		5	1,77	171	107	

Everything 24°	LED		luminaire	
Power	12 W	12 W	12 W	12 W
Flux	1229 lm	1291 lm	901 lm	946 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(6K) > 54000h			
Beam			24°	24°
Efficiency			73.3%	73.3%
Efficacy	98,3 lm/W	103,29 lm/W	72,1 lm/W	75,68 lm/W

12 W

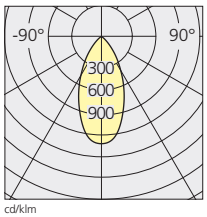


cd/klm

3000 K				α=24°	4000 K				α=24°
H m	Ø m	EMax lux	EM lux		H m	Ø m	EMax lux	EM lux	
1	0,43	2714	1677		1	0,43	2777	1716	
2	0,87	679	419		2	0,87	694	429	
3	1,30	302	186		3	1,30	309	191	
4	1,74	170	105		4	1,74	174	107	
5	2,17	109	67		5	2,17	111	69	

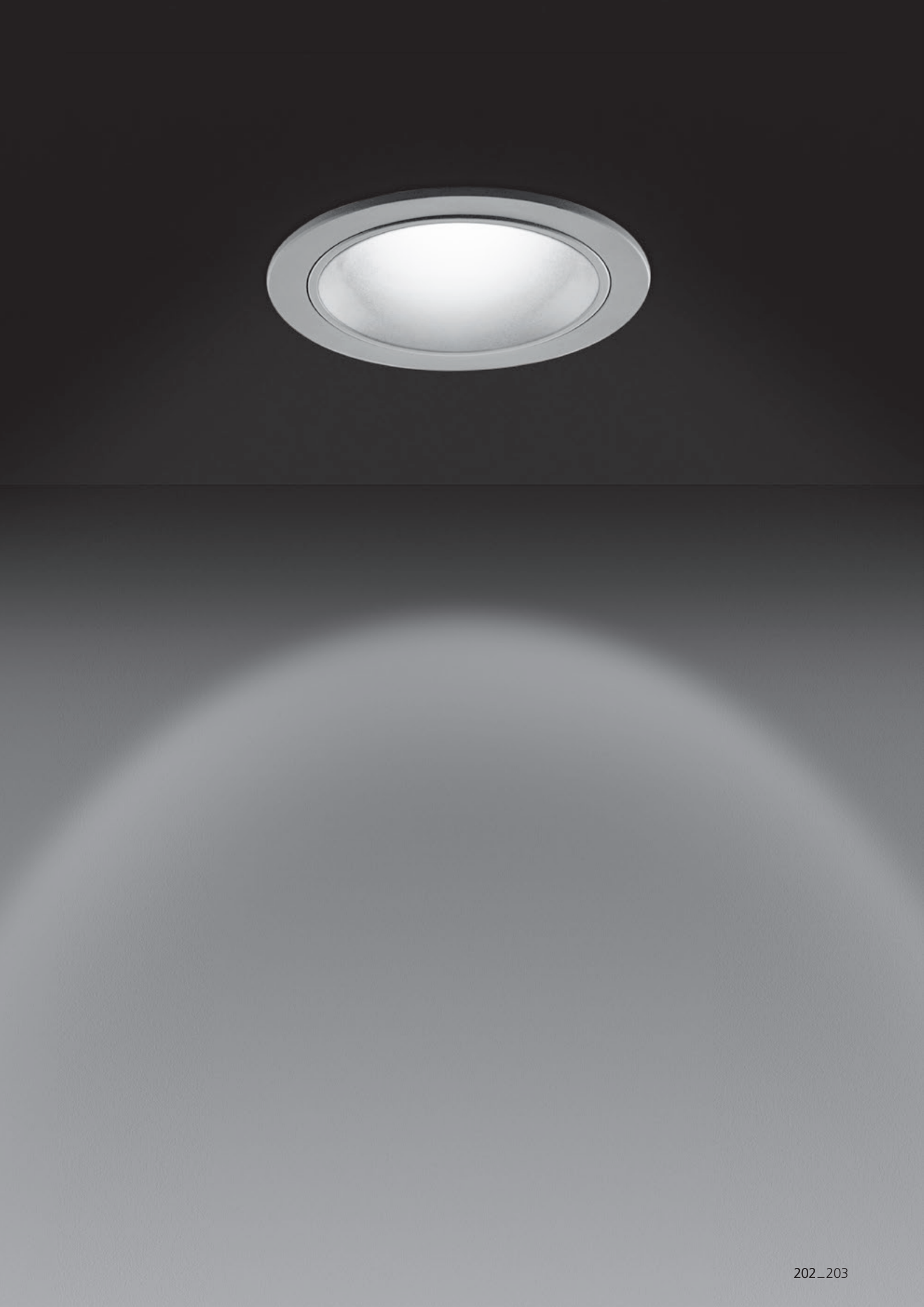
Everything 48°	LED		luminaire	
Power	12 W	12 W	12 W	12 W
Flux	1229 lm	1291 lm	796 lm	836 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(6K) > 54000h			
Beam			48°	48°
Efficiency			64.8%	64.8%
Efficacy	98,3 lm/W	103,29 lm/W	63,8 lm/W	66,9 lm/W

12 W



cd/klm

3000 K				α=48°	4000 K				α=48°
H m	Ø m	EMax lux	EM lux		H m	Ø m	EMax lux	EM lux	
1	0,91	903	497		1	0,91	924	509	
2	1,81	226	124		2	1,81	231	127	
3	2,72	100	55		3	2,72	103	57	
4	3,63	56	31		4	3,63	58	32	
5	4,54	36	20		5	4,54	37	20	



Everything 105 trim

White ○ Black ● Silver ● Polished metal ◑

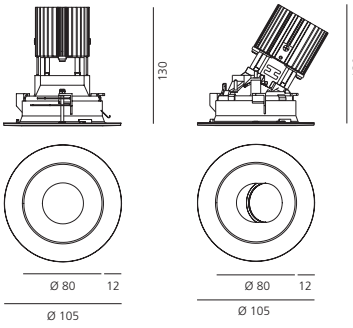
Round

W LED	Weight	Beam	Flux	CCT	Trim	Deflector	Fixed Code	Adjustable Code
12 W	0,30 kg	20°	998 lm	3000 K	○	●	M255820	M255825
					●	●	M255860	M255865
					○	◑	M256420	M256425
					●	◑	M256460	M256465
			1048 lm	4000 K	○	●	M255920	M255925
					●	●	M255960	M255965
					○	◑	M256520	M256525
					●	◑	M256560	M256565
		24°	901 lm	3000 K	○	●	M256020	M256025
					●	●	M256060	M256065
					○	◑	M256620	M256625
					●	◑	M256660	M256665
			946 lm	4000 K	○	●	M256120	M256125
					●	●	M256160	M256165
					○	◑	M256720	M256725
					●	◑	M256760	M256765
		48°	796 lm	3000 K	○	●	M256220	M256225
					●	●	M256260	M256265
			836 lm	4000 K	○	●	M256320	M256325
					●	●	M256360	M256365

Driver 350mA SELV supplied separately.

▼ **IP**20 / ▲ **IP**44 ⟲ 850°

ø 92 mm



30°

360°

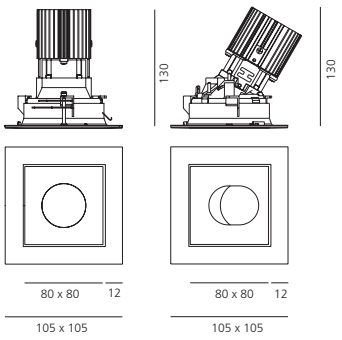
Square

W LED	Weight	Beam	Flux	CCT	Trim	Deflector	Fixed Code	Adjustable Code
12 W	0,30 kg	20°	998 lm	3000 K	○	●	M258220	M258225
					●	●	M258260	M258265
					○	◑	M258820	M258825
					●	◑	M258860	M258865
			996 lm	4000 K	○	●	M258320	M258325
					●	●	M258360	M258365
					○	◑	M258920	M258925
					●	◑	M258960	M258965
		24°	901 lm	3000 K	○	●	M258420	M258425
					●	●	M258460	M258465
					○	◑	M259020	M259025
					●	◑	M259060	M259065
			946 lm	4000 K	○	●	M258520	M258525
					●	●	M258560	M258565
					○	◑	M259120	M259125
					●	◑	M259160	M259165
		48°	796 lm	3000 K	○	●	M258620	M258625
					●	●	M258660	M258665
			836 lm	4000 K	○	●	M258720	M258725
					●	●	M258760	M258765

Driver 350mA SELV supplied separately.

▼ **IP**20 / ▲ **IP**44 ⟲ 850°

92 x 92 mm



30°

4x90°

Driver	Vac	Lmm	Wmm	Hmm			Code
cc 15W 350mA	220-240	125	38	23	1max	Non dimmable	M077500
cc 16W 350mA	220-240	156	52	26	1max	DALI dimmable	M077401

Everything 105 Kit trimless

Black ●
Polished metal ◑

Round optical unit: trimless

W LED	Weight	Beam	Flux	CCT	Deflector	Fixed Code	Adjustable Code
12 W	0,30 kg	20°	998 lm	3000 K	●	M257000	M257005
					◑	M257600	M257605
			1048 lm	4000 K	●	M257100	M257105
					◑	M257700	M257705
		24°	901 lm	3000 K	●	M257200	M257205
					◑	M257800	M257805
			946 lm	4000 K	●	M257300	M257305
					◑	M257900	M257905
		48°	796 lm	3000 K	●	M257400	M257405
			836 lm	4000 K	●	M257500	M257505

▼ **IP**20 / ▲ **IP**44
850°

ø 92 mm

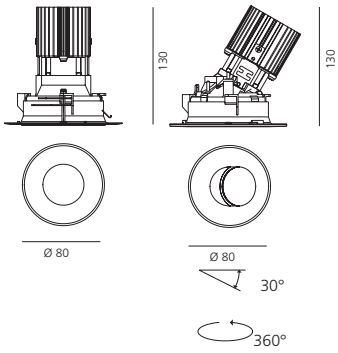
Driver 350mA SELV supplied separately.

Fitting to be completed with installation frame for recessing into ceiling.

Frame

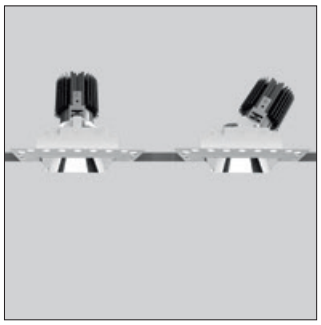
Round frame
for recessed installation

Code
M273400



Square optical unit: trimless

W LED	Weight	Beam	Flux	CCT	Deflector	Fixed Code	Adjustable Code
12 W	0,30 kg	20°	998 lm	3000 K	●	M259400	M259405
					◑	M260000	M260005
			1048 lm	4000 K	●	M259500	M259505
					◑	M260100	M260105
		24°	901 lm	3000 K	●	M259600	M259605
					◑	M260200	M260205
			946 lm	4000 K	●	M259700	M259705
					◑	M260300	M260305
		48°	796 lm	3000 K	●	M259800	M259805
			836 lm	4000 K	●	M259900	M259905



▼ **IP**20 / ▲ **IP**44
850°

92 x 92 mm

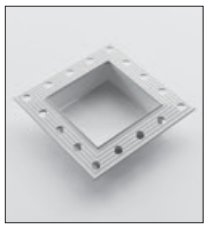
Driver 350mA SELV supplied separately.

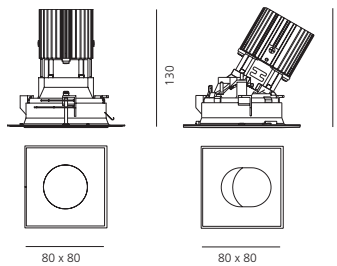
Fitting to be completed with installation frame for recessing into ceiling.

Frame

Square frame
for recessed installation

Code
M273500





Driver	Vac	Lmm	Wmm	Hmm			Code
cc 15W 350mA	220-240	125	38	23	1max	Non dimmable	M077500
cc 16W 350mA	220-240	156	52	26	1max	DALI dimmable	M077401

Everything 105 Kit trim

Black ● Polished metal ◑

Round optical unit: trimless

W LED	Weight	Beam	Flux	CCT	Deflector	Fixed Code	Adjustable Code
12 W	0,30 kg	20°	998 lm	3000 K	●	M257000	M257005
					◑	M257600	M257605
			1048 lm	4000 K	●	M257100	M257105
					◑	M257700	M257705
		24°	901 lm	3000 K	●	M257200	M257205
					◑	M257800	M257805
			946 lm	4000 K	●	M257300	M257305
					◑	M257900	M257905
		48°	796 lm	3000 K	●	M257400	M257405
			836 lm	4000 K	●	M257500	M257505

▼ **IP**20 / ▲ **IP**44 ⊕
850°

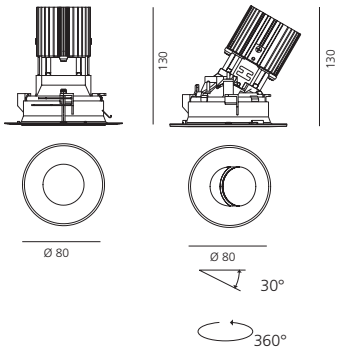
ø 92 mm

Driver 350mA SELV supplied separately.

Fitting to be completed with installation frame for recessing into ceiling.

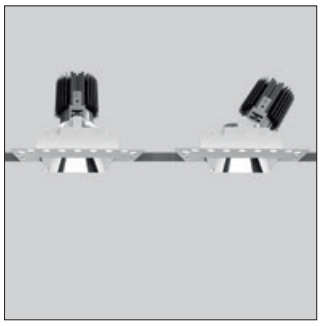
Frame

	Color	Code
Round frame for recessed installation	○	M286020
	●	M286060



Square optical unit: trimless

W LED	Weight	Beam	Flux	CCT	Deflector	Fixed Code	Adjustable Code
12 W	0,30 kg	20°	998 lm	3000 K	●	M259400	M259405
					◑	M260000	M260005
			1048 lm	4000 K	●	M259500	M259505
					◑	M260100	M260105
		24°	901 lm	3000 K	●	M259600	M259605
					◑	M260200	M260205
			946 lm	4000 K	●	M259700	M259705
					◑	M260300	M260305
		48°	796 lm	3000 K	●	M259800	M259805
			836 lm	4000 K	●	M259900	M259905



▼ **IP**20 / ▲ **IP**44 ⊕
850°

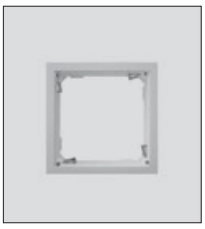
92 x 92 mm

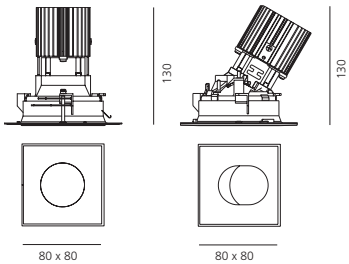
Driver 350mA SELV supplied separately.

Fitting to be completed with installation frame for recessing into ceiling.

Frame

	Color	Code
Square frame for recessed installation	○	M286120
	●	M286160

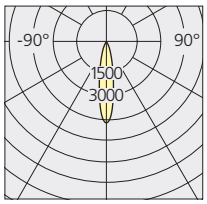




Driver	Vac	Lmm	Wmm	Hmm			Code
cc 15W 350mA	220-240	125	38	23	1max	Non dimmable	M077500
cc 16W 350mA	220-240	156	52	26	1max	DALI dimmable	M077401

Everything 20°	LED		luminaire	
Power	12 W	12 W	12 W	12 W
Flux	1229 lm	1291 lm	998 lm	1048 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(6K) > 54000h			
Beam			20°	20°
Efficiency			81,2%	81,2%
Efficacy	98,3 lm/W	103,29 lm/W	79,9 lm/W	83,87 lm/W

12 W



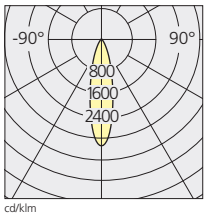
cd/klm

	3000 K				4000 K			
	H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	0,35		4178	2625	1	0,35	4275	2686
2	0,71		1044	656	2	0,71	1069	671
3	1,06		464	292	3	1,06	475	298
4	1,41		261	164	4	1,41	267	168
5	1,77		167	105	5	1,77	171	107

α=20° **α=20°**

Everything 24°	LED		luminaire	
Power	12 W	12 W	12 W	12 W
Flux	1229 lm	1291 lm	901 lm	946 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(6K) > 54000h			
Beam			24°	24°
Efficiency			73,3%	73,3%
Efficacy	98,3 lm/W	103,29 lm/W	72,1 lm/W	75,68 lm/W

12 W



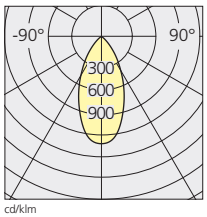
cd/klm

	3000 K				4000 K			
	H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	0,43		2714	1677	1	0,43	2777	1716
2	0,87		679	419	2	0,87	694	429
3	1,30		302	186	3	1,30	309	191
4	1,74		170	105	4	1,74	174	107
5	2,17		109	67	5	2,17	111	69

α=24° **α=24°**

Everything 48°	LED		luminaire	
Power	12 W	12 W	12 W	12 W
Flux	1229 lm	1291 lm	796 lm	836 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(6K) > 54000h			
Beam			48°	48°
Efficiency			64.8%	64.8%
Efficacy	98,3 lm/W	103,29 lm/W	63,8 lm/W	66,9 lm/W

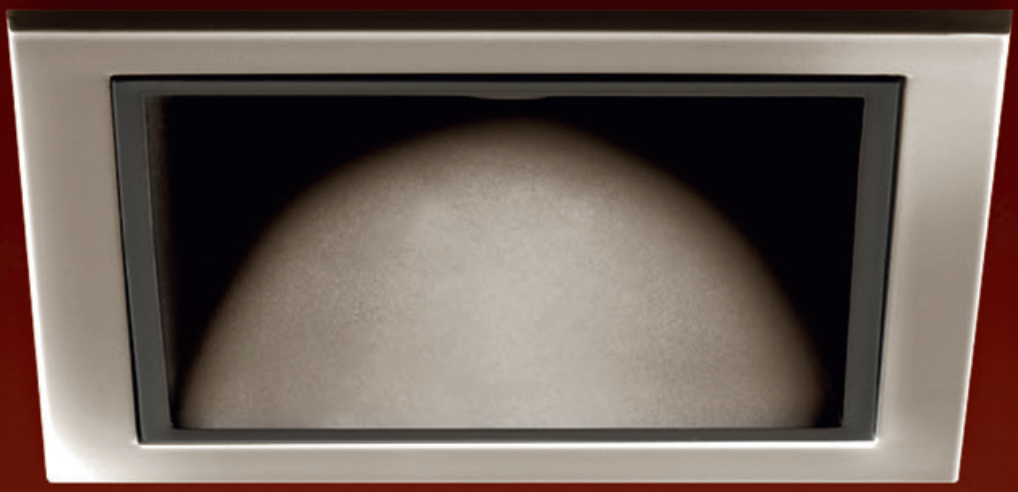
12 W



cd/klm

	3000 K				4000 K			
	H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	0,91		903	497	1	0,91	924	509
2	1,81		226	124	2	1,81	231	127
3	2,72		100	55	3	2,72	103	57
4	3,63		56	31	4	3,63	58	32
5	4,54		36	20	5	4,54	37	20

α=48° **α=48°**



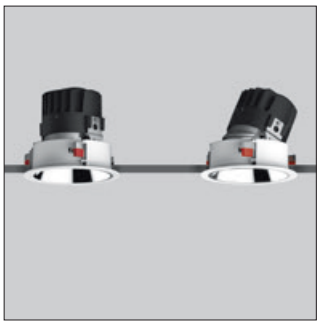
Everything 150 trim

White ○ Black ● Silver ◍ Polished metal ◑

Round

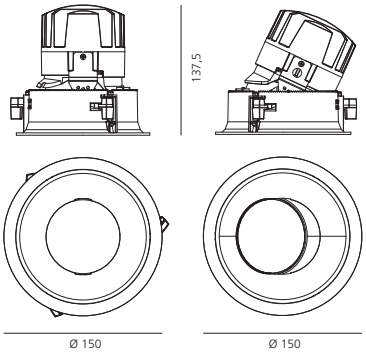
W LED	Weight	Beam	Flux	CCT	Trim	Deflector	Fixed Code	Adjustable Code
24,4 W	0,30 kg	18°	1860 lm	3000 K	○	●	M260620	M260625
					◍	●	M260660	M260665
					○	◑	M261220	M261225
					◍	◑	M261260	M261265
			1940 lm	4000 K	○	●	M260720	M260725
					◍	●	M260760	M260765
					○	◑	M261320	M261325
					◍	◑	M261360	M261365
		28°	1640 lm	3000 K	○	●	M260820	M260825
					◍	●	M260860	M260865
					○	◑	M261620	M261625
					◍	◑	M261660	M261665
			1710 lm	4000 K	○	●	M260920	M260925
					◍	●	M260960	M260965
					○	◑	M261720	M261725
					◍	◑	M261760	M261765
		46°	1520 lm	3000 K	○	●	M261020	M261025
					◍	●	M261060	M261065
			1590 lm	4000 K	○	●	M261120	M261125
					◍	●	M261160	M261165

Driver 700mA SELV supplied separately.



▼ **IP**20 / ▲ **IP**44 ⟲ 850°

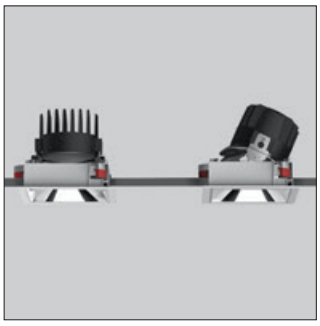
ø 136 mm



Square

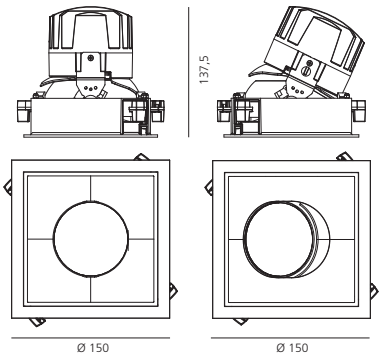
W LED	Weight	Beam	Flux	CCT	Trim	Deflector	Fixed Code	Adjustable Code
24,4 W	0,30 kg	18°	1860 lm	3000 K	○	●	M263020	M263025
					◍	●	M263060	M263065
					○	◑	M263620	M263625
					◍	◑	M263660	M263665
			1940 lm	4000 K	○	●	M263120	M263125
					◍	●	M263160	M263165
					○	◑	M263720	M263725
					◍	◑	M263760	M263765
		28°	1640 lm	3000 K	○	●	M263220	M263225
					◍	●	M263260	M263265
					○	◑	M264020	M264025
					◍	◑	M264060	M264065
			1710 lm	4000 K	○	●	M263320	M263325
					◍	●	M263360	M263365
					○	◑	M264120	M264125
					◍	◑	M264160	M264165
		46°	1520 lm	3000 K	○	●	M263420	M263425
					◍	●	M263460	M263465
			1590 lm	4000 K	○	●	M263520	M263525
					◍	●	M263560	M263565

Driver 700mA SELV supplied separately.



▼ **IP**20 / ▲ **IP**44 ⟲ 850°

136 x 136 mm



Driver	Vac	Lmm	Wmm	Hmm			Code
cc 30W 700mA	220-240	165	43	30	1max	Non dimmable	M076800
cc 30W 700mA	220-240	144	32	32	1max	DALI dimmable	M076900

Everything 150 Kit trimless

Black ● Polished metal ◑

Round optical unit: trimless

W LED	weight	Beam	Flux	CCT	Deflector	Fixed Code	Adjustable Code
24,4 W	0,30 kg	18°	1860 lm	3000 K	●	M261800	M261805
					◑	M262400	M262405
			1940 lm	4000 K	●	M261900	M261905
					◑	M262500	M262505
		28°	1640 lm	3000 K	●	M262000	M262005
					◑	M262600	M262605
			1710 lm	4000 K	●	M262100	M262105
					◑	M262700	M262705
		46°	1520 lm	3000 K	●	M262200	M262205
			1590 lm	4000 K	●	M262300	M262305

▼ **IP**20 / ▲ **IP**44 ⊕
850°

ø 136 mm

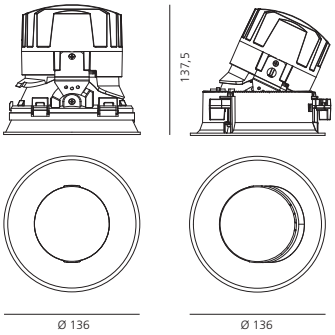
Driver 700mA SELV supplied separately.

Fitting to be completed with installation frame for recessing into ceiling.

Frame

Round frame
for recessed installation

Code
M274800

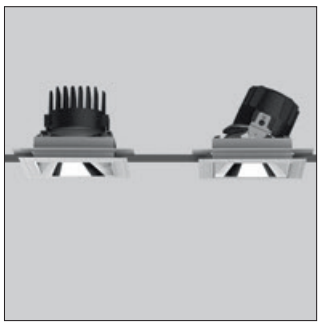


30°

360°

Square optical unit: trimless

W LED	weight	Beam	Flux	CCT	Deflector	Fixed Code	Adjustable Code
24,4 W	0,30 kg	18°	1860 lm	3000 K	●	M264200	M264205
					◑	M264800	M264805
			1940 lm	4000 K	●	M264300	M264305
					◑	M264900	M264905
		28°	1640 lm	3000 K	●	M264400	M264405
					◑	M265000	M265005
			1710 lm	4000 K	●	M264500	M264505
					◑	M265100	M265105
		46°	1520 lm	3000 K	●	M264600	M264605
			1590 lm	4000 K	●	M264700	M264705



▼ **IP**20 / ▲ **IP**44 ⊕
850°

136 x 136 mm

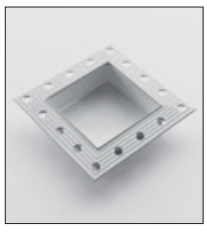
Driver 700mA SELV supplied separately.

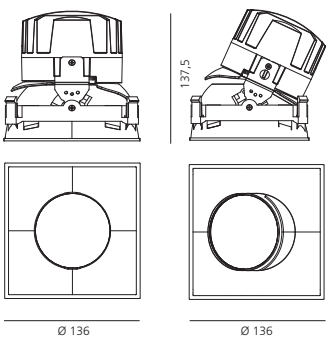
Fitting to be completed with installation frame for recessing into ceiling.

Frame

Square frame
for recessed installation

Code
M274900





30°

4x90°

Driver	Vac	Lmm	Wmm	Hmm			Code
cc 30W 700mA	220-240	165	43	30	1max	Non dimmable	M076800
cc 30W 700mA	220-240	144	32	32	1max	DALI dimmable	M076900

Everything 150 Kit trim

Black ● Polished metal ◑

Round optical unit: trimless

W LED	weight	Beam	Flux	CCT	Deflector	Fixed Code	Adjustable Code
24,4 W	0,30 kg	18°	1860 lm	3000 K	●	M261800	M261805
					◑	M262400	M262405
			1940 lm	4000 K	●	M261900	M261905
					◑	M262500	M262505
		28°	1640 lm	3000 K	●	M262000	M262005
					◑	M262600	M262605
			1710 lm	4000 K	●	M262100	M262105
					◑	M262700	M262705
		46°	1520 lm	3000 K	●	M262200	M262205
			1590 lm	4000 K	●	M262300	M262305

▼ **IP**20 / ▲ **IP**44
850°

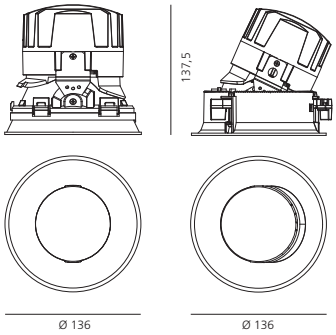
ø 136 mm

Driver 700mA SELV supplied separately.

Fitting to be completed with installation frame for recessing into ceiling.

Frame

	Color	Code
Round frame for recessed installation	○	M286220
	●	M286260

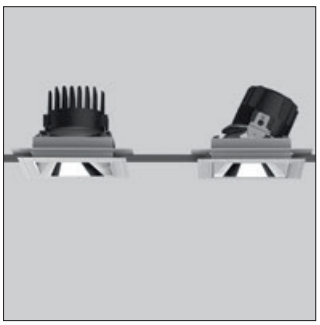


30°

360°

Square optical unit: trimless

W LED	weight	Beam	Flux	CCT	Deflector	Fixed Code	Adjustable Code
24,4 W	0,30 kg	18°	1860 lm	3000 K	●	M264200	M264205
					◑	M264800	M264805
			1940 lm	4000 K	●	M264300	M264305
					◑	M264900	M264905
		28°	1640 lm	3000 K	●	M264400	M264405
					◑	M265000	M265005
			1710 lm	4000 K	●	M264500	M264505
					◑	M265100	M265105
		46°	1520 lm	3000 K	●	M264600	M264605
			1590 lm	4000 K	●	M264700	M264705



▼ **IP**20 / ▲ **IP**44
850°

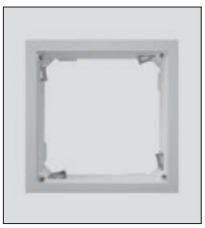
136 x 136 mm

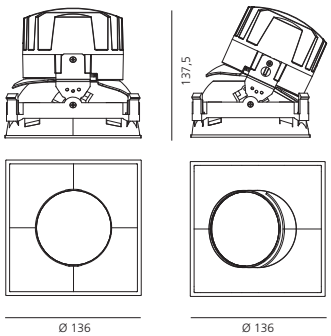
Driver 700mA SELV supplied separately.

Fitting to be completed with installation frame for recessing into ceiling.

Frame

	Color	Code
Square frame for recessed installation	○	M286320
	●	M286360





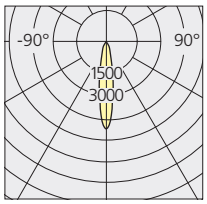
30°

4x90°

Driver	Vac	Lmm	Wmm	Hmm			Code
cc 30W 700mA	220-240	165	43	30	1max	Non dimmable	M076800
cc 30W 700mA	220-240	144	32	32	1max	DALI dimmable	M076900

Everything 18°	LED		luminaire	
Power	24,4 W	24,4 W	24,4 W	24,4 W
Flux	2510 lm	2620 lm	1860 lm	1940 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(6K) >50000h			
Beam			18°	18°
Efficiency			74%	74%
Efficacy	103 lm/W	107 lm/W	76 lm/W	79 lm/W

24,4 W 3000 K **α=18°** 4000 K **α=18°**

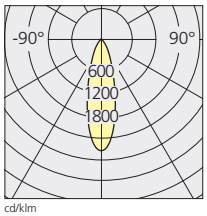


cd/klm

H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	**0,32**	9141	5634	1	**0,32**	9534	5876
2	**0,65**	2285	1408	2	**0,65**	2383	1469
3	**0,97**	1016	626	3	**0,97**	1059	653
4	**1,30**	571	352	4	**1,30**	596	367
5	**1,62**	366	225	5	**1,62**	381	235

Everything 28°	LED		luminaire	
Power	24,4 W	24,4 W	24,4 W	24,4 W
Flux	2510 lm	2620 lm	1640 lm	1710 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(6K) >50000h			
Beam			28°	28°
Efficiency			65%	65%
Efficacy	103 lm/W	107 lm/W	67 lm/W	70 lm/W

24,4 W 3000 K **α=28°** 4000 K **α=28°**

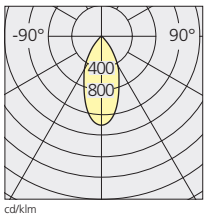


cd/klm

H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	**0,51**	4634	2843	1	**0,51**	4832	2965
2	**1,02**	1159	711	2	**1,02**	1208	741
3	**1,53**	515	316	3	**1,53**	537	329
4	**2,03**	290	178	4	**2,03**	320	185
5	**2,54**	185	114	5	**2,54**	193	119

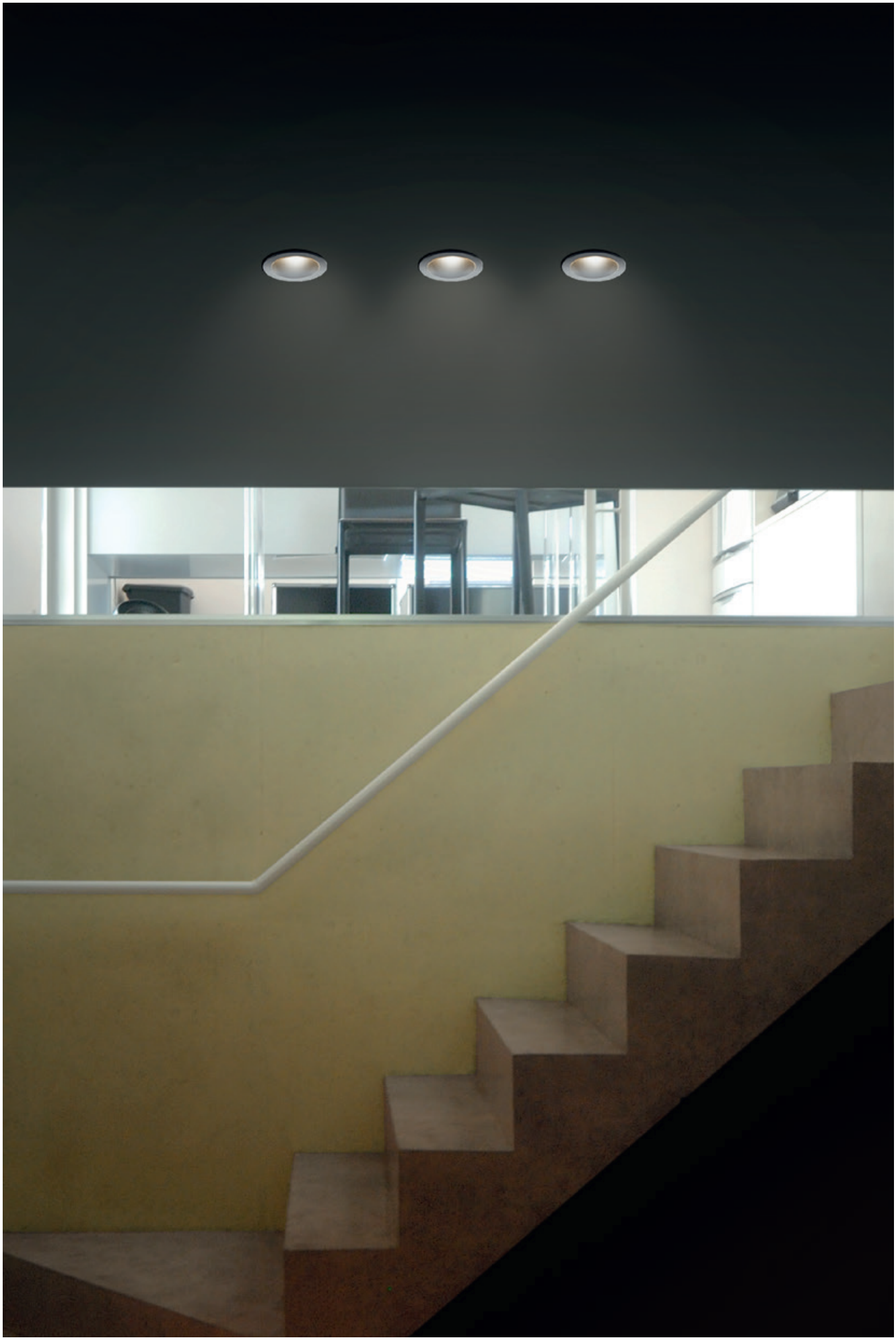
Everything 46°	LED		luminaire	
Power	24,4 W	24,4 W	24,4 W	24,4 W
Flux	2510 lm	2620 lm	1520 lm	1590 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(6K) >50000h			
Beam			46°	46°
Efficiency			61%	61%
Efficacy	103 lm/W	107 lm/W	62 lm/W	65 lm/W

24,4 W 3000 K **α=46°** 4000 K **α=46°**



cd/klm

H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	**0,85**	2218	1233	1	**0,85**	2320	1290
2	**1,70**	554	308	2	**1,70**	580	322
3	**2,56**	246	137	3	**2,56**	258	143
4	**3,41**	139	77	4	**3,41**	145	81
5	**4,26**	89	49	5	**4,26**	93	52



Luceri LED

Studio Artemide
2011 (Luceri LED)
2013 (Luceri Kadro LED)

Luceri LED and Kadro LED offer a modular range of professional, highly flexible downlighters, providing customisable lighting solutions for every need. Thanks to TrueWhite technology, colour temperature and colour rendering index are maintained constant throughout the lifespan of this product, guaranteeing a consistent, light quality. The emission of versions with metal reflector is compliant with EN12464 and has UGR<19, producing an effective and comfortable lighting solution.

Luceri LED

Luceri LED trim

White frame

Grey frame

- Recessed round fixed downlighters using high-output LEDs.
- Two versions: trim (with bezel) and Trimless (recessed ceiling mounted without bezel)
- Available in warm white (3000K) and neutral white (4000K)
- Available in 2 versions, each with 2 levels of power:
  Standard version non dimmable, CRI=90 (min)
  High-performance version with net efficiency up to 94lm/W, DALI dimmable, CRI=90 (min), with Cree True White (R) technology. Colour temperature and colour rendering index constant throughout the product lifespan.
- Standard version IP40.
- Materials: bezel, white reflector and screens in polycarbonate, reflectors in vacuum-metalled polycarbonate with anti-scratch surface treatment.
- IP54 with the addition of an optional screen.
- Compliant to standard EN60598-1, EN62471 and other specific standards.

Luceri LED trim

- Complete with optic housing and trim.
- Trim available in white or grey.
- Professional mirror optic with UGR Luminance Control <19 for office spaces with computer screens.
- Installation brackets for an easy, tool-free installation on false ceilings of thicknesses between 1 and 25 mm.
- Optional screens in transparent polycarbonate, easy to install, opal and prismoptic diffuser, with a 90 degree turn.
- Integral power supply.
- Wide beam symmetrical distribution.

Luceri LED trimless

Sharp edge trim

Rounded edge trim

Luceri LED trimless

- 2 available trims:
  Sharp edge
  Rounded edge
- 2 available optic housings.
- Professional mirror optic with UGR Luminance Control <19 for office spaces with computer screens.
- Comfort white optics
- Optics housings and trim to be ordered separately.
- Optional screens in transparent polycarbonate, easy to install, opal and prismoptic diffuser, with a 90 degree turn.
- Integral power supply
- Wide beam symmetrical distribution.

Banca di Caraglio - Credito Cooperativo Caraglio (CN) - Italy
Arch: Studio Kuadra, Photo:Federico Villa

Centro Studi dello Studentato Universitario di Trento, Trento (Italy)
Studio Palerm & Tabares de Nava S.L. Arquitectos, Photo: Federico Villa

Luceri LED trimless Rounded edge trim

LED comfort white optics

W	Weight	Beam	Flux	CCT	not dimmable Code
26 W	1,70 kg	66°	1974 lm	3000 K	M242400
			2112 lm	4000 K	M242500
29 W	1,70 kg	66°	2418 lm	3000 K	M242600
			2587 lm	4000 K	M242700

Lighting unit. To be completed with rounded edge trim support.

LED High-Performance comfort white optics

W	Weight	Beam	Flux	CCT	Dali dimmable Code
19 W	1,70 kg	66°	1711 lm	3000 K	M242401
				4000 K	M242501
26 W	1,70 kg	66°	2258 lm	3000 K	M242601
				4000 K	M242701

Lighting unit. To be completed with rounded edge trim support.
220/240Vac 50/60Hz electronic ballast included.

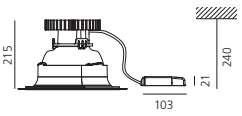
support with rounded edge trim — M240600

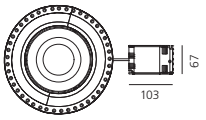
▼ **IP**20 / ▲ **IP**44 screenless.

▼ **IP**20 / ▲ **IP**54 with screen.

⌀292

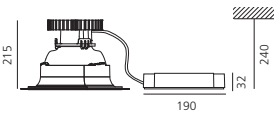
19 W / 26 W

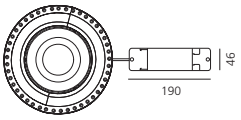




Frame (ext) Ø337
Frame (int) Ø211
Reflector (ext) Ø200

29 W



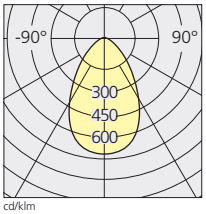


Frame (ext) Ø337
Frame (int) Ø211
Reflector (ext) Ø200

Luceri LED

	LED		luminaire	
Power	22 W	22 W	26 W	26 W
Flux	2437 lm	2608 lm	1974 lm	2112 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(6K) > 36000h			
Beam			66°	66°
Efficiency			81%	81%
Efficacy	111 lm/W	118 lm/W	76 lm/W	81 lm/W

26 W 3000 K α=66° 4000 K α=66°

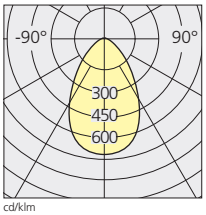


cd/klm

H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	1,31	1404	694	1	1,31	1502	743
2	2,63	351	174	2	2,63	376	186
3	3,94	156	77	3	3,94	167	83
4	5,26	88	43	4	5,26	94	46
5	6,57	56	28	5	6,57	60	30

	LED		luminaire	
Power	25W	25W	29 W	29 W
Flux	3022 lm	3233 lm	2418 lm	2587 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(6K) > 36000h			
Beam			66°	66°
Efficiency			80%	80%
Efficacy	121 lm/W	129 lm/W	83 lm/W	89 lm/W

29 W 3000 K α=66° 4000 K α=66°



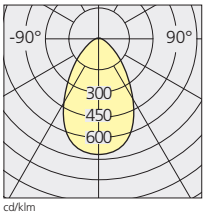
cd/klm

H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	1,31	1720	850	1	1,31	1840	910
2	2,63	430	213	2	2,63	460	227
3	3,94	191	94	3	3,94	204	101
4	5,26	108	53	4	5,26	115	57
5	6,57	69	34	5	6,57	74	36

Luceri LED High-Performance

	LED	luminaire
Power	16 W	19 W
Flux	2119 lm	1711 lm
CCT	3000 K-4000 K	3000 K-4000 K
CRI	=90 (min.)	
Color tolerance	MacAdam 2SDCM	
Service life	L70(6K) > 36000h	
Beam		66°
Efficiency		81%
Efficacy	132 lm/W	90 lm/W

19 W 3000 K-4000 K α=66°

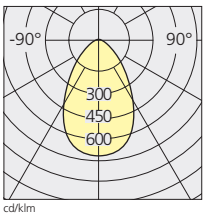


cd/klm

H m	Ø m	EMax lux	EM lux
1	1,31	1217	602
2	2,63	304	150
3	3,94	135	67
4	5,26	76	38
5	6,57	49	24

	LED	luminaire
Power	22 W	26 W
Flux	2839 lm	2258 lm
CCT	3000 K-4000 K	3000 K-4000 K
CRI	=90 (min.)	
Color tolerance	MacAdam 2SDCM	
Service life	L70(6K) > 36000h	
Beam		66°
Efficiency		80%
Efficacy	129 lm/W	87 lm/W

26 W 3000 K-4000 K α=66°



cd/klm

H m	Ø m	EMax lux	EM lux
1	1,31	1606	794
2	2,63	402	199
3	3,94	178	88
4	5,26	100	50
5	6,57	64	32

Accessories

		Code
	Transparent screen in polycarbonate	M239200
	Opal screen in PMMA	M239700
	Prismoptic screen in polycarbonate	M239600

With screen

Screenless

Luceri LED trimless Sharp edge trim

LED faceted mirror optics — not dimmable

W	Weight	Beam	Flux	CCT	Code
26 W	1,60 kg	70°	1979 lm	3000 K	M242000
			2119 lm	4000 K	M242100
29 W	1,60 kg	70°	2507 lm	3000 K	M242200
			2682 lm	4000 K	M242300

Lighting unit. To be completed with sharp edge trim support.

LED High-Performance faceted mirror optics — Dali dimmable

W	Weight	Beam	Flux	CCT	Code
19 W	1,60 kg	70°	1790 lm	3000 K	M242001
				4000 K	M242101
26 W	1,60 kg	70°	2336 lm	3000 K	M242201
				4000 K	M242301

Lighting unit. To be completed with sharp edge trim support.
220/240Vac 50/60Hz electronic ballast included.

Sharp edge trim — M240500

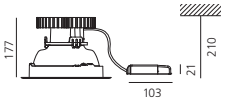
Accessory for ceiling installation — M239820

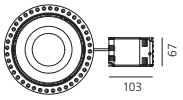
▼ **IP**20 / ▲ **IP**44 screenless.

▼ **IP**20 / ▲ **IP**54 with screen.

ø216

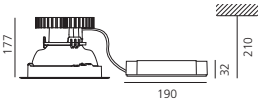
19 W / 26 W

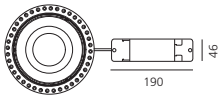




Frame (ext) Ø261
Frame (int) Ø211
Reflector (ext) Ø200

29 W



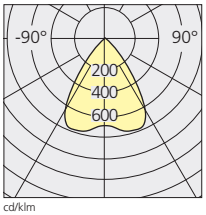


Frame (ext) Ø261
Frame (int) Ø211
Reflector (ext) Ø200

Luceri LED

	LED		luminaire	
Power	22 W	22 W	26 W	26 W
Flux	2437 lm	2608 lm	1979 lm	2119 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(6K) > 36000h			
Beam			70°	70°
Efficiency			81%	81%
Efficacy	111 lm/W	118 lm/W	76 lm/W	81 lm/W

26 W



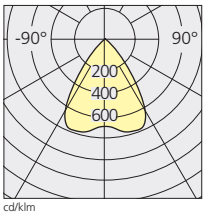
cd/klm

	3000 K				4000 K			
	H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	1,42		1473	831	1,42		1577	889
2	2,84		365	208	2,84		391	222
3	4,26		162	92	4,26		174	99
4	5,69		91	52	5,69		98	56
5	7,11		58	33	7,11		63	36

α=70°

	LED		luminaire	
Power	25W	25W	29 W	29 W
Flux	3022 lm	3233 lm	2507 lm	2682 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(6K) > 36000h			
Beam			70°	70°
Efficiency			83%	83%
Efficacy	121 lm/W	129 lm/W	86 lm/W	92 lm/W

29 W



cd/klm

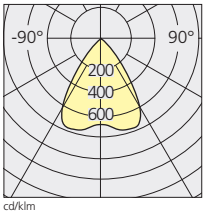
	3000 K				4000 K			
	H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	1,42		1840	1043	1,42		1968	1115
2	2,84		460	261	2,84		492	279
3	4,26		202	116	4,26		216	124
4	5,69		113	65	5,69		121	70
5	7,11		73	42	7,11		78	45

α=70°

Luceri LED High-Performance

	LED	luminaire
Power	16 W	19 W
Flux	2119 lm	1790 lm
CCT	3000 K-4000 K	3000 K-4000 K
CRI	=90 (min.)	
Color tolerance	MacAdam 2SDCM	
Service life	L70(6K) > 36000h	
Beam		70°
Efficiency		84%
Efficacy	132 lm/W	94 lm/W

19 W



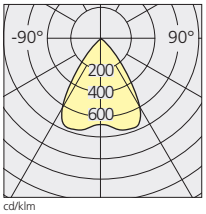
cd/klm

	3000 K-4000 K			
	H m	Ø m	EMax lux	EM lux
1	1,43		1307	746
2	2,85		327	187
3	4,28		142	83
4	5,71		80	47
5	7,13		51	30

α=70°

	LED	luminaire
Power	22 W	26 W
Flux	2839 lm	2336 lm
CCT	3000 K-4000 K	3000 K-4000 K
CRI	=90 (min.)	
Color tolerance	MacAdam 2SDCM	
Service life	L70(6K) > 36000h	
Beam		70°
Efficiency		82%
Efficacy	129 lm/W	90 lm/W

26 W



cd/klm

	3000 K-4000 K			
	H m	Ø m	EMax lux	EM lux
1	1,44		1690	960
2	2,87		422	240
3	4,31		184	107
4	5,75		103	60
5	7,19		66	38

α=70°

Accessories		
		Code
	Transparent screen in polycarbonate	M239200
	Opal screen in PMMA	M239700
	Prismoptic screen in polycarbonate	M239600

With screen

Screenless

Luceri LED trim

Gray ● White ○

LED faceted mirror optics

W	Weight	Beam	Flux	CCT	Color	Non dimmable Code
26 W	1,50 kg	70°	1979 lm	3000 K	○	M244020
					●	M244060
			2119 lm	4000 K	○	M244120
					●	M244160
29 W	1,50 kg	70°	2507 lm	3000 K	○	M244220
					●	M244260
			2682 lm	4000 K	○	M244320
					●	M244360

LED High-Performance faceted mirror optics

W	Weight	Beam	Flux	CCT	Color	Dali dimmable Code
19 W	1,50 kg	70°	1790 lm	3000 K	○	M244021
					●	M244061
				4000 K	○	M244121
					●	M244161
26 W	1,50 kg	70°	2336 lm	3000 K	○	M244221
					●	M244261
				4000 K	○	M244321
					●	M244361

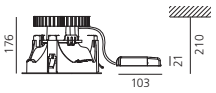
220/240Vac 50/60Hz electronic ballast included.

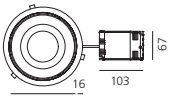
▼ **IP**20 / ▲ **IP**44 screenless.

▼ **IP**20 / ▲ **IP**54 with screen.

⌀230

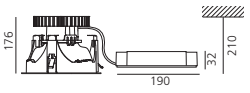
19 W / 26 W

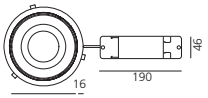




Frame (ext) Ø243
Frame (int) Ø211
Reflector (ext) Ø200

29 W



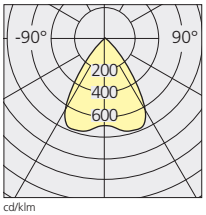


Frame (ext) Ø243
Frame (int) Ø211
Reflector (ext) Ø200

Luceri LED

	LED		luminaire	
Power	22 W	22 W	26 W	26 W
Flux	2437 lm	2608 lm	1979 lm	2119 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(6K) > 36000h			
Beam			70°	70°
Efficiency			81%	81%
Efficacy	111 lm/W	118 lm/W	76 lm/W	81 lm/W

26 W

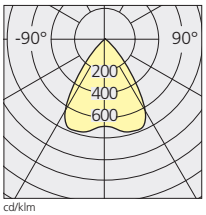


cd/klm

	3000 K				α=70°	4000 K				α=70°
	H m	Ø m	EMax lux	EM lux		H m	Ø m	EMax lux	EM lux	
1	1,42		1473	831		1	1,42	1577	889	
2	2,84		365	208		2	2,84	391	222	
3	4,26		162	92		3	4,26	174	99	
4	5,69		91	52		4	5,69	98	56	
5	7,11		58	33		5	7,11	63	36	

	LED		luminaire	
Power	25W	25W	29 W	29 W
Flux	3022 lm	3233 lm	2507 lm	2682 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(6K) > 36000h			
Beam			70°	70°
Efficiency			83%	83%
Efficacy	121 lm/W	129 lm/W	86 lm/W	92 lm/W

29 W



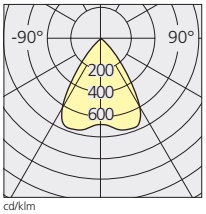
cd/klm

	3000 K				α=70°	4000 K				α=70°
	H m	Ø m	EMax lux	EM lux		H m	Ø m	EMax lux	EM lux	
1	1,42		1840	1043		1	1,42	1968	1115	
2	2,84		460	261		2	2,84	492	279	
3	4,26		202	116		3	4,26	216	124	
4	5,69		113	65		4	5,69	121	70	
5	7,11		73	42		5	7,11	78	45	

Luceri LED High-Performance

	LED	luminaire
Power	16 W	19 W
Flux	2119 lm	1790 lm
CCT	3000 K-4000 K	3000 K-4000 K
CRI	=90 (min.)	
Color tolerance	MacAdam 2SDCM	
Service life	L70(6K) > 36000h	
Beam		70°
Efficiency		84%
Efficacy	132 lm/W	94 lm/W

19 W

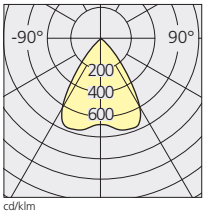


cd/klm

	3000 K-4000 K				α=70°
	H m	Ø m	EMax lux	EM lux	
1	1,43		1307	746	
2	2,85		327	187	
3	4,28		142	83	
4	5,71		80	47	
5	7,13		51	30	

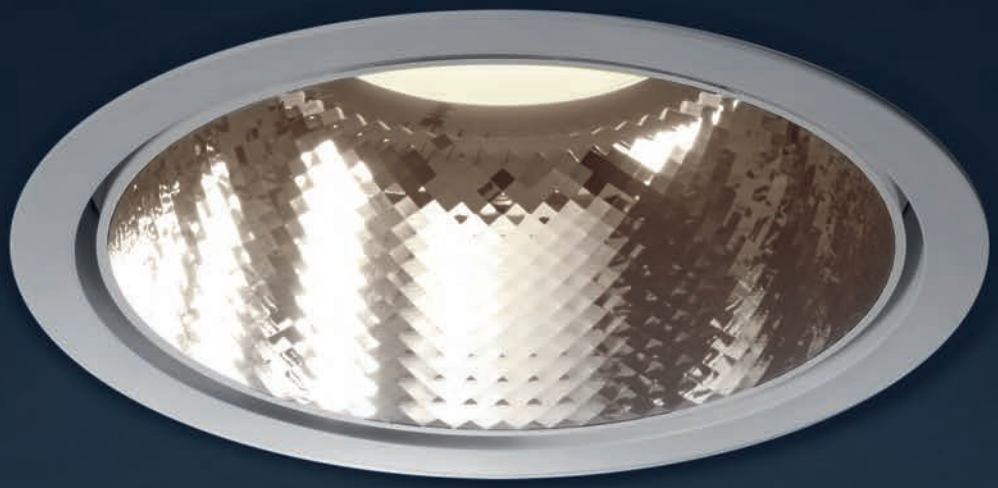
	LED	luminaire
Power	22 W	26 W
Flux	2839 lm	2336 lm
CCT	3000 K-4000 K	3000 K-4000 K
CRI	=90 (min.)	
Color tolerance	MacAdam 2SDCM	
Service life	L70(6K) > 36000h	
Beam		70°
Efficiency		82%
Efficacy	129 lm/W	90 lm/W

26 W



cd/klm

	3000 K-4000 K				α=70°
	H m	Ø m	EMax lux	EM lux	
1	1,44		1690	960	
2	2,87		422	240	
3	4,31		184	107	
4	5,75		103	60	
5	7,19		66	38	

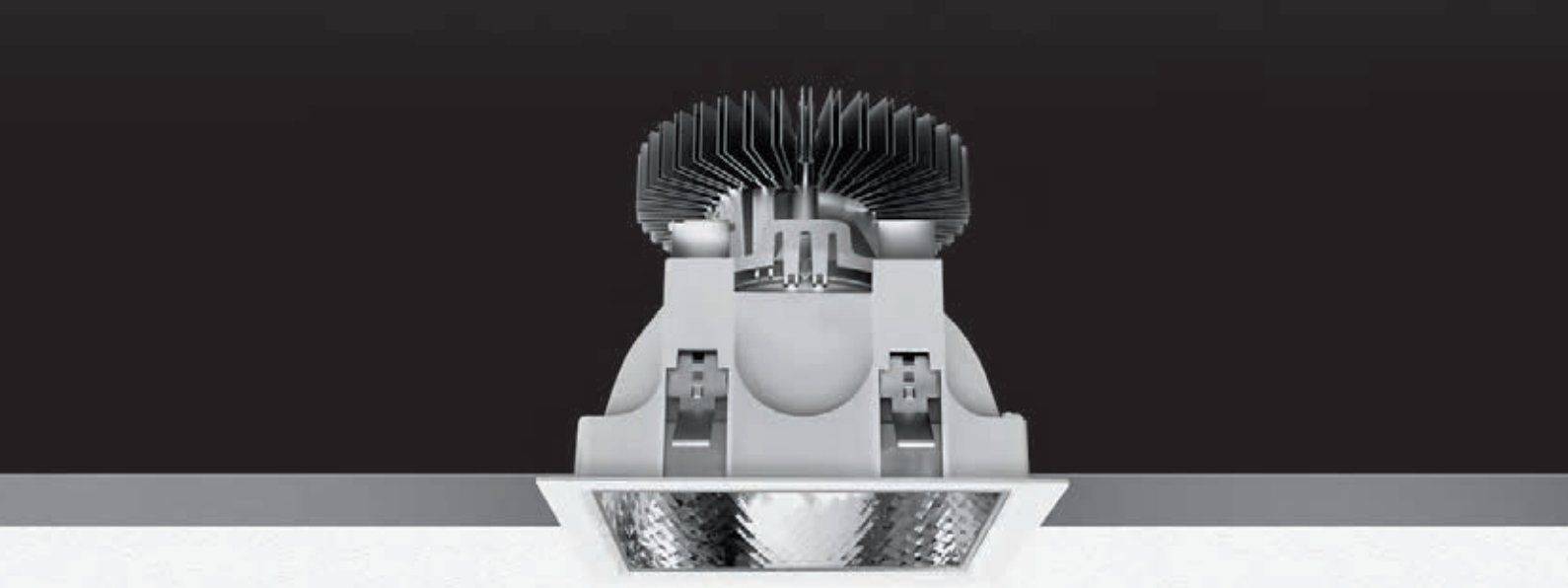


Accessories	Code
Transparent screen in polycarbonate	M239200
Opal screen in PMMA	M239700
Prismoptic screen in polycarbonate	M239600

With screen

Screenless

Luceri Kadro LED



Luceri LED trim

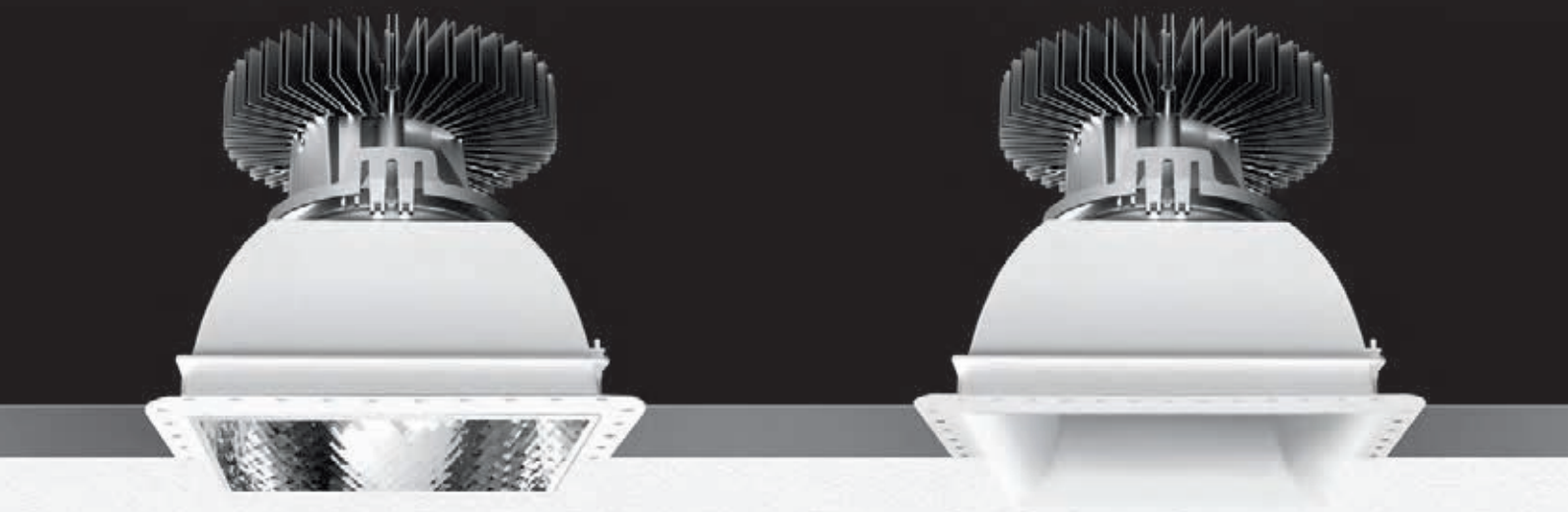
White frame

Grey frame

- Recessed square fixed downlighters using high-output LEDs.
- Two versions: trim (with bezel) and Trimless (recessed ceiling mounted without bezel)
- Available in warm white (3000K) and neutral white (4000K)
- Available in 2 versions, each with 2 levels of power:
  Standard version non dimmable, CRI=90 (min)
  High-performance version with net efficiency up to 94lm/W, DALI dimmable, CRI=90 (min), with Cree True White (R) technology. Colour temperature and colour rendering index constant throughout the product lifespan.
- Standard version IP40.
- Materials: bezel, white reflector and screens in polycarbonate, reflectors in vacuum-metalled polycarbonate with anti-scratch surface treatment.
- IP54 with the addition of an optional screen.
- Compliant to standard EN60598-1, EN62471 and other specific standards.

Luceri Kadro LED trim

- Complete with optic housing and trim.
- Trim available in white or grey.
- Professional mirror optic with UGR Luminance Control <19 for office spaces with computer screens.
- Installation brackets for an easy, tool-free installation on false ceilings of thicknesses between 1 and 25 mm.
- Optional screens in transparent polycarbonate, easy to install opal and prismoptic diffuser, with a 90 degree turn.
- Integral power supply.
- Wide beam symmetrical distribution.



Luceri LED trimless

Sharp edge trim

Rounded edge trim

Luceri Kadro LED trimless

- 2 available trims:
  Sharp edge
  Rounded edge
- 2 available optic housing:
- Professional mirror optic with UGR Luminance Control <19 for office spaces with computer screens.
- Comfort white optics
- Optics housings and trim to be ordered separately.
- Optional screens in transparent polycarbonate, easy to install opal and prismoptic diffuser, with a 90 degree turn.
- Integral power supply
- Wide beam symmetrical distribution.

Luceri Kadro LED trimless Rounded edge trim

LED comfort white optics

W	weight	Beam	Flux	CCT	not dimmable Code
26 W	1,70 kg	58°	1950 lm	3000 K	M241400
			2087 lm	4000 K	M241500
29 W	1,70 kg	58°	2195 lm	3000 K	M241600
			2348 lm	4000 K	M241700

Lighting unit. To be completed with rounded edge trim support.

LED High-Performance comfort white optics

W	weight	Beam	Flux	CCT	Dali dimmable Code
19 W	1,70 kg	58°	1581 lm	3000 K	M241401
				4000 K	M241501
26 W	1,70 kg	58°	2058 lm	3000 K	M241601
				4000 K	M241701

Lighting unit. To be completed with rounded edge trim support.
220/240Vac 50/60Hz electronic ballast included.

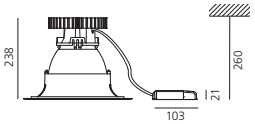
Support with rounded edge trim — M240800

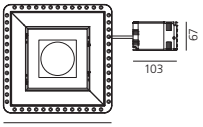
▼ **IP**20 / ▲ **IP**44
screenless.

▼ **IP**20 / ▲ **IP**54
with screen.

275x275 mm

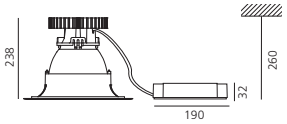
19 W / 26 W

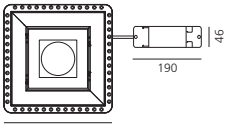




Frame (ext) 237
Frame (int) 188
Reflector (ext) 177

29 W



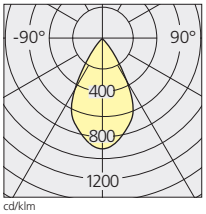


Frame (ext) 237
Frame (int) 188
Reflector (ext) 177

Luceri Kadro LED

	LED		luminaire	
Power	22 W	22 W	26 W	26 W
Flux	2437 lm	2608 lm	1950 lm	2087 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(6K) > 36000h			
Beam			58°	58°
Efficiency			80%	80%
Efficacy	111 lm/W	118 lm/W	75 lm/W	80 lm/W

26 W

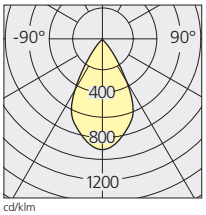


cd/klm

	3000 K				4000 K			
	H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	1	1,11	1707	930	1	1,11	1827	995
2	2	2,22	427	232	2	2,22	457	249
3	3	3,33	190	103	3	3,33	203	111
4	4	4,43	107	58	4	4,43	114	62
5	5	5,54	68	37	5	5,54	73	40

	LED		luminaire	
Power	25W	25W	29 W	29 W
Flux	3022 lm	3233 lm	2195 lm	2348 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(6K) > 36000h			
Beam			58°	58°
Efficiency			78%	78%
Efficacy	121 lm/W	129 lm/W	81 lm/W	87 lm/W

29 W



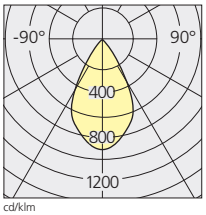
cd/klm

	3000 K				4000 K			
	H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	1	1,11	2063	1124	1	1,11	2208	1203
2	2	2,22	516	281	2	2,22	552	301
3	3	3,33	229	125	3	3,33	245	134
4	4	4,43	129	70	4	4,43	138	75
5	5	5,54	83	45	5	5,54	88	48

Luceri Kadro LED High-Performance

	LED	luminaire
Power	16 W	19 W
Flux	2119 lm	1581 lm
CCT	3000 K-4000 K	3000 K-4000 K
CRI	=90 (min.)	
Color tolerance	MacAdam 2SDCM	
Service life	L70(6K) > 36000h	
Beam		58°
Efficiency		80%
Efficacy	132 lm/W	89 lm/W

19 W

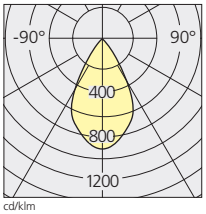


cd/klm

	3000 K-4000 K			
	H m	Ø m	EMax lux	EM lux
1	1	1,11	1486	810
2	2	2,22	372	202
3	3	3,33	165	90
4	4	4,43	93	51
5	5	5,54	59	32

	LED	luminaire
Power	22 W	26 W
Flux	2839 lm	2058 lm
CCT	3000 K-4000 K	3000 K-4000 K
CRI	=90 (min.)	
Color tolerance	MacAdam 2SDCM	
Service life	L70(6K) > 36000h	
Beam		58°
Efficiency		78%
Efficacy	129 lm/W	85 lm/W

26 W



cd/klm

	3000 K-4000 K			
	H m	Ø m	EMax lux	EM lux
1	1	1,11	1934	1054
2	2	2,22	484	263
3	3	3,33	215	117
4	4	4,43	121	66
5	5	5,54	77	42

Accessories	Code
Transparent screen in polycarbonate	M239300
Opal screen in PMMA	M239400
Prismoptic screen in polycarbonate	M239500

With screen

Screenless

Luceri Kadro LED trimless Sharp edge trim

LED faceted mirror optics — non dimmable

W	Weight	Beam	Flux	CCT	Code
26 W	1,50 kg	54°	1954 lm	3000 K	M241000
			2091 lm	4000 K	M241100
29 W	1,50 kg	54°	2424 lm	3000 K	M241200
			2594 lm	4000 K	M241300

Lighting unit. To be completed with sharp edge trim support.

LED High-Performance faceted optics — Dali dimmable

W	Weight	Beam	Flux	CCT	Code
19 W	1,50 kg	60°	1765 lm	3000 K	M241001
				4000 K	M241101
26 W	1,50 kg	60°	2282 lm	3000 K	M241201
				4000 K	M241301

Lighting unit. To be completed with sharp edge trim support.
220/240Vac 50/60Hz electronic ballast included.

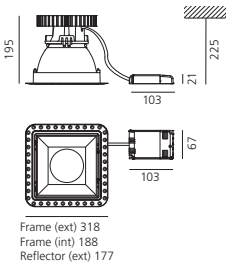
Sharp edge trim — M240700

Accessory for ceiling installation — M239920

▼ **IP**20 / ▲ **IP**44 screenless.
▼ **IP**20 / ▲ **IP**54 with screen.

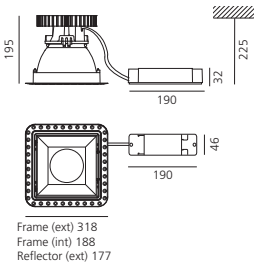
195x195 mm

19 W / 26 W



Frame (ext) 318
Frame (int) 188
Reflector (ext) 177

29 W

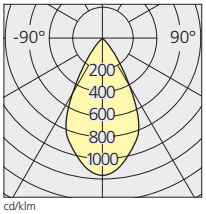


Frame (ext) 318
Frame (int) 188
Reflector (ext) 177

Luceri Kadro LED

	LED		luminaire	
Power	22 W	22 W	26 W	26 W
Flux	2437 lm	2608 lm	1954 lm	2091 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(6K) > 36000h			
Beam			54°	54°
Efficiency			80%	80%
Efficacy	111 lm/W	118 lm/W	75 lm/W	80 lm/W

26 W — 3000 K — α=54° — 4000 K — α=54°

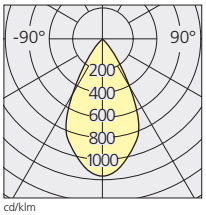


cd/klm

H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	1,04	2281	1314	1	1,04	2441	1406
2	2,08	570	329	2	2,08	610	352
3	3,12	253	146	3	3,12	271	156
4	4,16	143	82	4	4,16	153	88
5	5,21	91	53	5	5,21	98	56

	LED		luminaire	
Power	25W	25W	29 W	29 W
Flux	3022 lm	3233 lm	2424 lm	2594 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(6K) > 36000h			
Beam			54°	54°
Efficiency			80%	80%
Efficacy	121 lm/W	129 lm/W	84 lm/W	89 lm/W

29 W — 3000 K — α=54° — 4000 K — α=54°



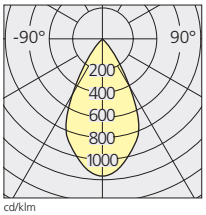
cd/klm

H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	1,04	2803	1620	1	1,04	2999	1734
2	2,08	701	405	2	2,08	750	433
3	3,12	311	180	3	3,12	333	193
4	4,16	175	101	4	4,16	187	108
5	5,21	112	65	5	5,21	120	69

Luceri Kadro LED High-Performance

	LED	luminaire
Power	16 W	19 W
Flux	2119 lm	1765 lm
CCT	3000 K-4000 K	3000 K-4000 K
CRI	=90 (min.)	
Color tolerance	MacAdam 2SDCM	
Service life	L70(6K) > 36000h	
Beam		60°
Efficiency		83%
Efficacy	132 lm/W	93 lm/W

19 W — 3000 K-4000 K — α=60°

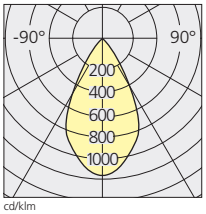


cd/klm

H m	Ø m	EMax lux	EM lux
1	1,16	1965	1029
2	2,32	491	257
3	3,48	218	114
4	4,64	123	64
5	5,80	79	41

	LED	luminaire
Power	22 W	26 W
Flux	2839 lm	2282 lm
CCT	3000 K-4000 K	3000 K-4000 K
CRI	=90 (min.)	
Color tolerance	MacAdam 2SDCM	
Service life	L70(6K) > 36000h	
Beam		60°
Efficiency		80%
Efficacy	129 lm/W	88 lm/W

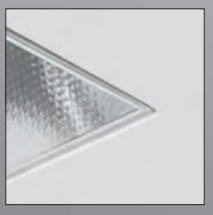
26 W — 3000 K-4000 K — α=60°



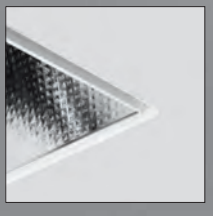
cd/klm

H m	Ø m	EMax lux	EM lux
1	1,07	2563	1478
2	2,14	641	369
3	3,22	285	164
4	4,29	160	92
5	5,36	103	59

Accessories		Code
	Transparent screen in polycarbonate	M239300
	Opal screen in PMMA	M239400
	Prismoptic screen in polycarbonate	M239500



With screen



Screenless

Luceri Kadro LED con trim

Gray ● White ○

LED faceted mirror optics

W	Weight	Beam	Flux	CCT	Color	not dimmable Code
26 W	1,60 kg	54°	1954 lm	3000 K	○	M243220
					●	M243260
			2091 lm	4000 K	○	M243320
					●	M243360
29 W	1,60 kg	54°	2424 lm	3000 K	○	M243420
					●	M243460
			2594 lm	4000 K	○	M243520
					●	M243560

LED High-Performance faceted mirror optics

W	Weight	Beam	Flux	CCT	Color	Dali dimmable Code
19 W	1,60 kg	60°	1765 lm	3000 K	○	M243221
					●	M243261
				4000 K	○	M243321
					●	M243361
26 W	1,60 kg	60°	2282 lm	3000 K	○	M243421
					●	M243461
				4000 K	○	M243521
					●	M243561

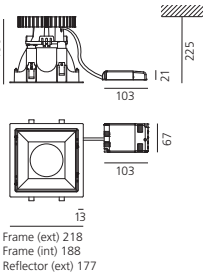
220/240Vac 50/60Hz electronic ballast included.

▼ **IP**20 / ▲ **IP**44 screenless.

▼ **IP**20 / ▲ **IP**54 with screen.

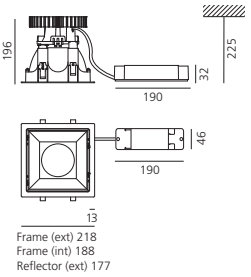
203x203mm

19 W / 26 W



Frame (ext) 218
Frame (int) 188
Reflector (ext) 177

29 W

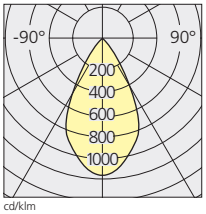


Frame (ext) 218
Frame (int) 188
Reflector (ext) 177

Luceri Kadro LED

	LED		luminaire	
Power	22 W	22 W	26 W	26 W
Flux	2437 lm	2608 lm	1954 lm	2091 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(6K) > 36000h			
Beam			54°	54°
Efficiency			80%	80%
Efficacy	111 lm/W	118 lm/W	75 lm/W	80 lm/W

26 W 3000 K α=54° 4000 K α=54°

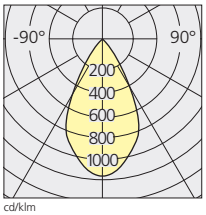


cd/klm

H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	1,04	2281	1314	1	1,04	2441	1406
2	2,08	570	329	2	2,08	610	352
3	3,12	253	146	3	3,12	271	156
4	4,16	143	82	4	4,16	153	88
5	5,21	91	53	5	5,21	98	56

	LED		luminaire	
Power	25W	25W	29 W	29 W
Flux	3022 lm	3233 lm	2424 lm	2594 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(6K) > 36000h			
Beam			54°	54°
Efficiency			80%	80%
Efficacy	121 lm/W	129 lm/W	84 lm/W	89 lm/W

29 W 3000 K α=54° 4000 K α=54°



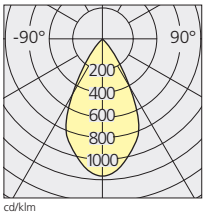
cd/klm

H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	1,04	2803	1620	1	1,04	2999	1734
2	2,08	701	405	2	2,08	750	433
3	3,12	311	180	3	3,12	333	193
4	4,16	175	101	4	4,16	187	108
5	5,21	112	65	5	5,21	120	69

Luceri Kadro LED High-Performance

	LED	luminaire
Power	16 W	19 W
Flux	2119 lm	1765 lm
CCT	3000 K-4000 K	3000 K-4000 K
CRI	=90 (min.)	
Color tolerance	MacAdam 2SDCM	
Service life	L70(6K) > 36000h	
Beam		60°
Efficiency		83%
Efficacy	132 lm/W	93 lm/W

19 W 3000 K-4000 K α=60°

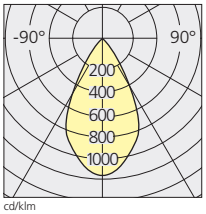


cd/klm

H m	Ø m	EMax lux	EM lux
1	1,16	1965	1029
2	2,32	491	257
3	3,48	218	114
4	4,64	123	64
5	5,80	79	41

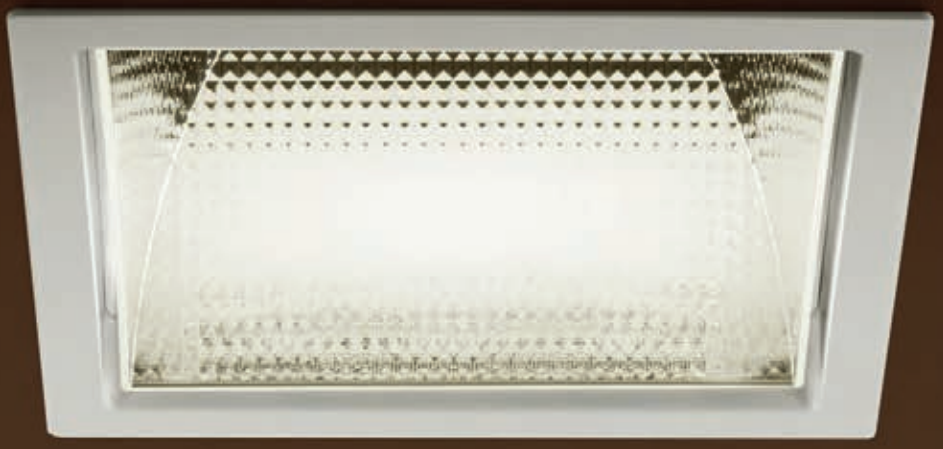
	LED	luminaire
Power	22 W	26 W
Flux	2839 lm	2282 lm
CCT	3000 K-4000 K	3000 K-4000 K
CRI	=90 (min.)	
Color tolerance	MacAdam 2SDCM	
Service life	L70(6K) > 36000h	
Beam		60°
Efficiency		80%
Efficacy	129 lm/W	88 lm/W

26 W 3000 K-4000 K α=60°



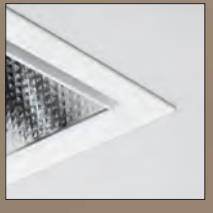
cd/klm

H m	Ø m	EMax lux	EM lux
1	1,07	2563	1478
2	2,14	641	369
3	3,22	285	164
4	4,29	160	92
5	5,36	103	59



Accessories		Code
	Transparent screen in polycarbonate	M239300
	Opal screen in PMMA	M239400
	Prismoptic screen in polycarbonate	M239500

With screen



Screenless

Luceri Fluo

Studio Artemide
1998

- A range of recessed downlights fluorescent lamps.
- Body made from technopolymers. Reflector in vacuum-metallised polycarbonate with anti-scratch surface treatment.
- Decorative ring made from aluminium or injection moulded plastic, available in 2 colour options, with or without screen Fitting is made by one quarter turn rotation.
- The Luceri screen dark light optic ensures a controlled luminance level of less than 200 cd/m² for an observation angle of 65° or above with respect to the vertical axis, well within the limits set by standard EN12464-1.
- Low recess depth for ceilings of 1mm to 35mm thick.
- Electronic ballast and emergency lighting.
- Electrical connection by means of quick connectors.
- Bridging connection possible.
- Complies with standard EN60598-1 and other specific standards.

PIQUADRO

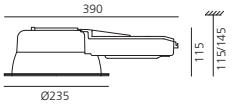
White ○ Grey ●

TC-DEL (G24q-2/3)

W	Weight	Beam	Flux	Color	Non dimmable Code	+ emergency 1h Code
2x18W (G24q-2)	1,00/1,70 kg	106°	2400 lm	○	L596610	L596810
				●	L596620	L596820
2x26W (G24q-3)	1,00/1,70 kg	106°	3600 lm	○	L596710	L596910
				●	L596720	L596920

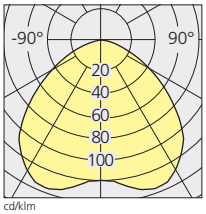
Supplied with plastic front and frosted glass.
220/240Vac 50/60Hz electronic ballast included.

▼ **IP**29 / ▲ **IP**23 850°



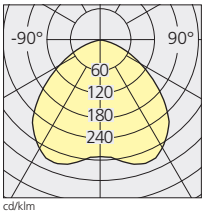
⌀220

TC-DEL 2x18W/2400lm Efficiency 39% α=106°



H m	Ø m	EMax lux	EM lux
1	2,65	291	37
2	5,31	73	9
3	7,96	32	4
4	10,62	18	2
5	13,27	12	1

TC-DEL 2x26W/3600lm Efficiency 25% α=106°



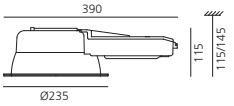
H m	Ø m	EMax lux	EM lux
1	2,65	302	37
2	5,31	76	9
3	7,96	34	4
4	10,62	19	2
5	13,27	12	1

TC-DEL (G24q-2/3)

W	Weight	Beam	Flux	Color	Non dimmable Code	+ emergency 1h Code
2x18W (G24q-2)	1,00/1,70 kg	96°	2400 lm	○	L596650	L596850
				●	L596660	L596860
2x26W (G24q-3)	1,00/1,70 kg	96°	3600 lm	○	L596750	L596950
				●	L596760	L596960

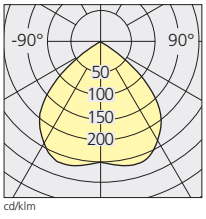
Supplied with plastic front and anti-dazzle, cross-blade louvre.
220/240Vac 50/60Hz electronic ballast included.

▼ **IP**29 / ▲ **IP**23 850°



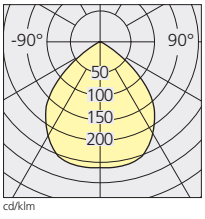
⌀220

TC-DEL 2x18W/2400lm Efficiency 50% α=96°



H m	Ø m	EMax lux	EM lux
1	2,20	575	93
2	4,40	144	23
3	6,59	64	10
4	8,79	36	6
5	10,99	23	4

TC-DEL 2x26W/3600lm Efficiency 47% α=96°



H m	Ø m	EMax lux	EM lux
1	2,20	908	154
2	4,40	227	39
3	6,59	101	17
4	8,79	57	10
5	10,99	36	6

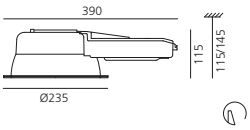
White ○ Grey ●

TC-DEL (G24q-2/3)

W	Weight	Beam	Flux	Color	Non dimmable Code	+ emergency 1h Code
2x18W (G24q-2)	0,90/1,60 kg	90°	2400 lm	○	L597610	L597810
				●	L597620	L597820
2x26W (G24q-3)	0,90/1,60 kg	90°	3600 lm	○	L597710	L597910
				●	L597720	L597920

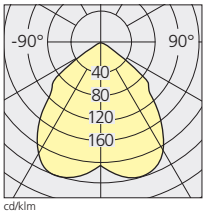
Supplied with plastic front and frosted glass.
220/240Vac 50/60Hz electronic ballast included.

▼ **IP**29 / ▲ **IP**23 ⧈ 850°



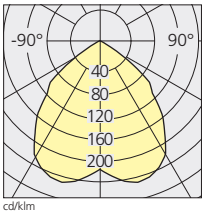
ø220

TC-DEL 2x18W/2400lm Efficiency 43% α=90°



H m	Ø m	EMax lux	EM lux
1	1,97	471	98
2	3,93	118	25
3	5,90	52	11
4	7,86	29	6
5	9,83	19	4

TC-DEL 2x26W/3600lm Efficiency 46% α=90°



H m	Ø m	EMax lux	EM lux
1	2,03	751	148
2	4,06	188	37
3	6,08	83	16
4	8,11	47	9
5	10,14	30	6

Parabola

2010

- Light fixture with high-performance LED light sources.
- Ceiling installation.
- Consists of: frame, body, lens, fixing springs.
- Frame in injection mould of aluminium.
- Heat sink body in extruded aluminium.
- Lens in policarbonate with 3 different versions of beam.
- Fixing springs in harmonic steel.
- White monochromatic LEDs available in 3 colour temperatures:
  Very Warm = 2700K
  Warm = 3000K
  Neutral = 4000K
- Electrical connection to the driver by means of a FEP-FEP cable and a terminal board.
- IP Rating IP40.
- Insulation class III.
- Technical features of light fixtures in compliance with EN60598-1.
- Installation must be carried out by specialized personnel.
- Carefully follow the instructions.

Parabola

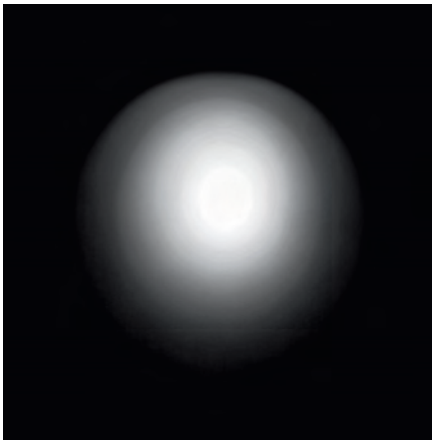
Medium flood

Flood

Wide flood

Medium flood

Flood



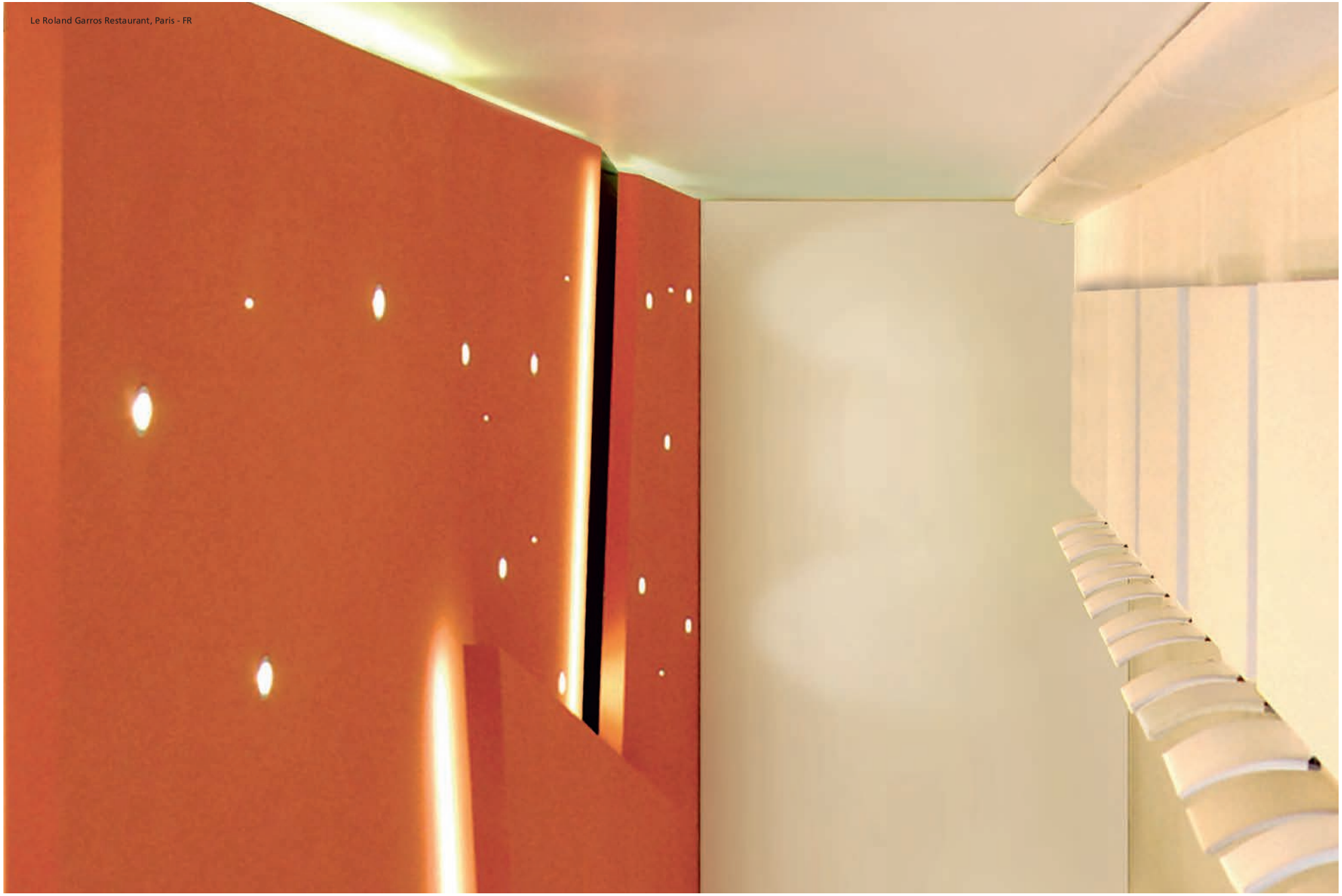
Wide flood

Remote ballast supplied separately.

Heats sink in aluminium with black anodization.

Fixing springs in harmonic steel.

Frame in injection mould of aluminium with policarbonate lens.



Le Roland Garros Restaurant, Paris - FR

Parabola 55

White ○ Black ● Silver ●

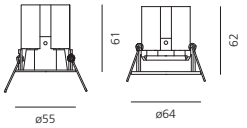
Round

W LED	Weight	Beam	Flux	CCT	Color	Fixed Code	Adjustable Code
3 W	0,15 kg	30°	221 lm	3000 K	○	NL1906840K006	NL1907040K006
					●	NL1906840K004	NL1907040K004
					●	NL1906840K002	NL1907040K002
			232 lm	4000 K	○	NL1906840W006	NL1907040W006
					●	NL1906840W004	NL1907040W004
					●	NL1906840W002	NL1907040W002
		58°	225 lm	3000 K	○	NL1906860K006	NL1907060K006
					●	NL1906860K004	NL1907060K004
					●	NL1906860K002	NL1907060K002
			235 lm	4000 K	○	NL1906860W006	NL1907060W006
					●	NL1906860W004	NL1907060W004
					●	NL1906860W002	NL1907060W002

IP40

ø 52±2

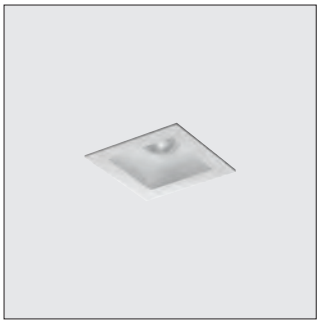
Driver 350 mA SELV supplied separately.



Fixed Adjustable

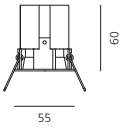
Square

W LED	Weight	Beam	Flux	CCT	Color	Fixed Code
3 W	0,15 kg	30°	221 lm	3000 K	○	NL1906940K006
					●	NL1906940K004
					●	NL1906940K002
			232 lm	4000 K	○	NL1906940W006
					●	NL1906940W004
					●	NL1906940W002
		58°	225 lm	3000 K	○	NL1906960K006
					●	NL1906960K004
					●	NL1906960K002
			235 lm	4000 K	○	NL1906960W006
					●	NL1906960W004
					●	NL1906960W002



IP40

52 x 45 ±2

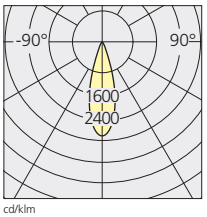


Driver 350 mA SELV supplied separately.

Driver	Vac	Lmm	Wmm	Hmm	n°device		Code
cc 15W 350mA	220-240	103	34	19	1 max	Non dimmable	M077700
cc 35W 350mA	220-240	103	67	21	1 max	PUSH/1-10V dimmable	NL62810
cc 16W 350mA	220-240	125	79	22	1 max	DALI/PUSH/0-10V dimmable	M077401

Parabola 55	**30°**	LED		luminaire	
Power		3 W	3 W	3 W	3 W
Flux		345 lm	361 lm	221 lm	232 lm
CCT		3000 K	4000 K	3000 K	4000 K
CRI		=80 (min.)			
Color tolerance		MacAdam 3SDCM			
Service life		L70(9K) > 54000h			
Beam				30°	30°
Efficiency				64%	64%
Efficacy		111 lm/W	116 lm/W	71 lm/W	75 lm/W

3 W — 3000 K — α=30° — 4000 K — α=30°

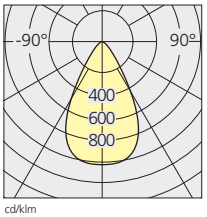


cd/klm

H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	0,54	665	409	1	0,54	698	430
2	1,08	166	102	2	1,08	174	107
3	1,62	74	45	3	1,62	78	48
4	2,16	42	26	4	2,16	44	27
5	2,71	27	16	5	2,71	28	17

Parabola 55	**58°**	LED		luminaire	
Power		3 W	3 W	3 W	3 W
Flux		345 lm	361 lm	225 lm	235 lm
CCT		3000 K	4000 K	3000 K	4000 K
CRI		=80 (min.)			
Color tolerance		MacAdam 3SDCM			
Service life		L70(9K) > 54000h			
Beam				58°	58°
Efficiency				65%	65%
Efficacy		111 lm/W	116 lm/W	72 lm/W	76 lm/W

3 W — 3000 K — α=58° — 4000 K — α=58°



cd/klm

H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	1,11	232	130	1	1,11	243	136
2	2,21	58	33	2	2,21	61	34
3	3,32	26	14	3	3,32	27	15
4	4,43	15	8	4	4,43	15	8
5	5,54	9	5	5	5,54	10	5

Ibis Hotel, Heilbronn - DE

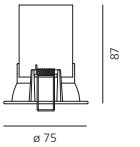
Parabola 80

White ○ Black ● Silver ●

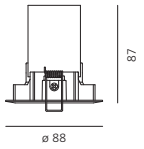
Round

W LED	Weight	Beam	Flux	CCT	Color	Fixed Code	Adjustable Code
12 W	0,28 kg	52°	749 lm	2700 K	○	NL1906340Y006	NL1906440Y006
					●	NL1906340Y004	NL1906440Y004
					●	NL1906340Y002	NL1906440Y002
			1011 lm	3000 K	○	NL1906340K006	NL1906440K006
					●	NL1906340K004	NL1906440K004
					●	NL1906340K002	NL1906440K002
			1053 lm	4000 K	○	NL1906340W006	NL1906440W006
					●	NL1906340W004	NL1906440W004
					●	NL1906340W002	NL1906440W002
		64°	745 lm	2700 K	○	NL1906360Y006	NL1906460Y006
					●	NL1906360Y004	NL1906460Y004
					●	NL1906360Y002	NL1906460Y002
			1006 lm	3000 K	○	NL1906360K006	NL1906460K006
					●	NL1906360K004	NL1906460K004
					●	NL1906360K002	NL1906460K002
			1047 lm	4000 K	○	NL1906360W006	NL1906460W006
					●	NL1906360W004	NL1906460W004
					●	NL1906360W002	NL1906460W002
		76°	773 lm	2700 K	○	NL1906380Y006	NL1906480Y006
					●	NL1906380Y004	NL1906480Y004
					●	NL1906380Y002	NL1906480Y002
			1043 lm	3000 K	○	NL1906380K006	NL1906480K006
					●	NL1906380K004	NL1906480K004
					●	NL1906380K002	NL1906480K002
			1086 lm	4000 K	○	NL1906380W006	NL1906480W006
					●	NL1906380W004	NL1906480W004
					●	NL1906380W002	NL1906480W002

IP40 ø 68±2



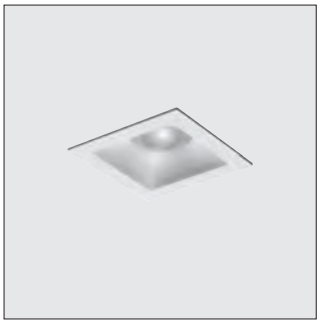
IP40 ø 78±2



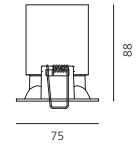
Driver 350 mA SELV supplied separately.

Square

W LED	Weight	Beam	Flux	CCT	Color	Fixed Code
12 W	0,28 kg	52°	749 lm	2700 K	○	NL1907140Y006
					●	NL1907140Y004
					●	NL1907140Y002
			1011 lm	3000 K	○	NL1907140K006
					●	NL1907140K004
					●	NL1907140K002
			1053 lm	4000 K	○	NL1907140W006
					●	NL1907140W004
					●	NL1907140W002
		64°	745 lm	2700 K	○	NL1907160Y006
					●	NL1907160Y004
					●	NL1907160Y002
			1006 lm	3000 K	○	NL1907160K006
					●	NL1907160K004
					●	NL1907160K002
			1047 lm	4000 K	○	NL1907160W006
					●	NL1907160W004
					●	NL1907160W002
		76°	773 lm	2700 K	○	NL1907180Y006
					●	NL1907180Y004
					●	NL1907180Y002
			1043 lm	3000 K	○	NL1907180K006
					●	NL1907180K004
					●	NL1907180K002
			1086 lm	4000 K	○	NL1907180W006
					●	NL1907180W004
					●	NL1907180W002



IP40 65 x 62 ±2



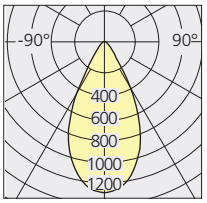
Driver 350 mA SELV supplied separately.

Driver	Vac	L_{mm}	W_{mm}	H_{mm}	n°device		Code
cc 15W 350mA	220-240	156	52	26	1 max	Non dimmable	M077500
cv 15W 350mA	220-240	103	67	21	1 max	PUSH/1-10V dimmable	NL62810
cv 16W 350mA	220-240	125	79	22	1 max	DALI/PUSH/0-10V dimmable	M077401

Parabola 80 52°

	LED			luminaire		
Power	12 W			12 W		
Flux	990 lm	1336 lm	1391 lm	749 lm	1011 lm	1053 lm
CCT	2700 K	3000 K	4000 K	2700 K	3000 K	4000 K
CRI	=90 (min.)	=80 (min.)	=80 (min.)			
Color tolerance	MacAdam 3SDCM					
Service life	L70(9K) > 54000h					
Beam				52°	52°	52°
Efficiency				76%	76%	76%
Efficacy	82 lm/W	111 lm/W	116 lm/W	63 lm/W	84 lm/W	88 lm/W

12 W



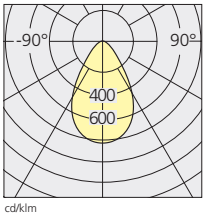
cd/klm

	2700 K			α=52°	3000 K			α=52°	4000 K			α=52°
	H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	0,96	996	553	1	0,96	1345	747	1	0,96	1401	778
2	1,92	249	138	2	1,92	336	187	2	1,92	350	194
3	2,87	111	61	3	2,87	149	83	3	2,87	156	86
4	3,83	62	35	4	3,83	84	47	4	3,83	88	49
5	4,79	40	22	5	4,79	54	30	5	4,79	546	31

Parabola 80 64°

	LED			luminaire		
Power	12 W			12 W		
Flux	990 lm	1336 lm	1391 lm	745 lm	1006 lm	1047 lm
CCT	2700 K	3000 K	4000 K	2700 K	3000 K	4000 K
CRI	=90 (min.)	=80 (min.)	=80 (min.)			
Color tolerance	MacAdam 3SDCM					
Service life	L70(9K) > 54000h					
Beam				64°	64°	64°
Efficiency				75%	75%	75%
Efficacy	82 lm/W	111 lm/W	116 lm/W	62 lm/W	84 lm/W	87 lm/W

12 W



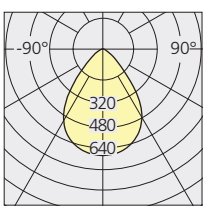
cd/klm

	2700 K			α=64°	3000 K			α=64°	4000 K			α=64°
	H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	1,25	612	312	1	1,25	827	422	1	1,25	861	439
2	2,50	153	78	2	2,50	207	105	2	2,50	215	110
3	3,76	68	35	3	3,76	92	47	3	3,76	96	49
4	5,01	38	20	4	5,01	52	26	4	5,01	54	27
5	6,26	24	12	5	6,26	33	17	5	6,26	34	18

Parabola 80 76°

	LED			luminaire		
Power	12 W			12 W		
Flux	990 lm	1336 lm	1391 lm	773 lm	1043 lm	1086 lm
CCT	2700 K	3000 K	4000 K	2700 K	3000 K	4000 K
CRI	=90 (min.)	=80 (min.)	=80 (min.)			
Color tolerance	MacAdam 3SDCM					
Service life	L70(9K) > 54000h					
Beam				76°	76°	76°
Efficiency				78%	78%	78%
Efficacy	82 lm/W	111 lm/W	116 lm/W	64 lm/W	87 lm/W	90 lm/W

12 W



cd/klm

	2700 K			α=76°	3000 K			α=76°	4000 K			α=76°
	H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	1,55	526	243	1	1,55	710	327	1	1,55	739	341
2	3,10	132	61	2	3,10	178	82	2	3,10	185	85
3	4,66	58	27	3	4,66	79	36	3	4,66	82	38
4	6,21	33	15	4	6,21	44	20	4	6,21	46	21
5	7,76	21	10	5	7,76	28	13	5	7,76	30	14

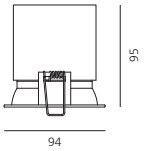
Parabola 100

White ○ Black ● Silver ●

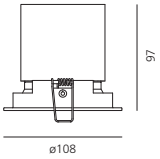
Round

W LED	Weight	Beam	Flux	CCT	Color	Fixed Code	Adjustable Code
17 W	0,50 kg	50°	959 lm	2700 K	○	NL1907240Y006	NL1907440Y006
					●	NL1907240Y004	NL1907440Y004
					●	NL1907240Y002	NL1907440Y002
			1407 lm	3000 K	○	NL1907240K006	NL1907440K006
					●	NL1907240K004	NL1907440K004
					●	NL1907240K002	NL1907440K002
			1471 lm	4000 K	○	NL1907240W006	NL1907440W006
					●	NL1907240W004	NL1907440W004
					●	NL1907240W002	NL1907440W002
		64°	942 lm	2700 K	○	NL1907260Y006	NL1907460Y006
					●	NL1907260Y004	NL1907460Y004
					●	NL1907260Y002	NL1907460Y002
			1382 lm	3000 K	○	NL1907260K006	NL1907460K006
					●	NL1907260K004	NL1907460K004
					●	NL1907260K002	NL1907460K002
			1445 lm	4000 K	○	NL1907260W006	NL1907460W006
					●	NL1907260W004	NL1907460W004
					●	NL1907260W002	NL1907460W002
		76°	948 lm	2700 K	○	NL1907280Y006	NL1907480Y006
					●	NL1907280Y004	NL1907480Y004
					●	NL1907280Y002	NL1907480Y002
			1392 lm	3000 K	○	NL1907280K006	NL1907480K006
					●	NL1907280K004	NL1907480K004
					●	NL1907280K002	NL1907480K002
			1455 lm	4000 K	○	NL1907280W006	NL1907480W006
					●	NL1907280W004	NL1907480W004
					●	NL1907280W002	NL1907480W002

IP40 ø 85±2



IP40 ø 95±2

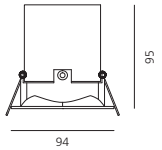


Driver 500 mA SELV supplied separately.

Square

W LED	Weight	Beam	Flux	CCT	Color	Fixed Code
17 W	0,50 kg	50°	959 lm	2700 K	○	NL1907340Y006
					●	NL1907340Y004
					●	NL1907340Y002
			1407 lm	3000 K	○	NL1907340K006
					●	NL1907340K004
					●	NL1907340K002
			1471 lm	4000 K	○	NL1907340W006
					●	NL1907340W004
					●	NL1907340W002
		64°	942 lm	2700 K	○	NL1907360Y006
					●	NL1907360Y004
					●	NL1907360Y002
			1382 lm	3000 K	○	NL1907360K006
					●	NL1907360K004
					●	NL1907360K002
			1445 lm	4000 K	○	NL1907360W006
					●	NL1907360W004
					●	NL1907360W002
		76°	948 lm	2700 K	○	NL1907380Y006
					●	NL1907380Y004
					●	NL1907380Y002
			1392 lm	3000 K	○	NL1907380K006
					●	NL1907380K004
					●	NL1907380K002
			1455 lm	4000 K	○	NL1907380W006
					●	NL1907380W004
					●	NL1907380W002

IP40 81 x 78 ±2

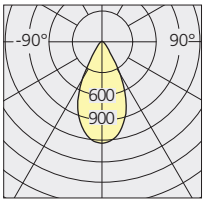


Driver 500 mA SELV supplied separately.

Driver	Vac	Lmm	Wmm	Hmm	n°device		Code
cc 20W 500mA	220-240	125	38	23	1 max	Non dimmable	M077600
cv 24W 500mA	220-240	103	67	21	1 max	PUSH/0-10V dimmable	M079300
cv 24W 500mA	220-240	103	67	21	1 max	DALI Dimmable	M079200

Parabola 100	**50°**	LED			luminaire		
Power		17 W			17 W		
Flux		1290 lm	1896 lm	1982 lm	959 lm	1407 lm	1471 lm
CCT		2700 K	3000 K	4000 K	2700 K	3000 K	4000 K
CRI		=90 (min.)	=80 (min.)	=80 (min.)			
Color tolerance		MacAdam 3SDCM					
Service life		L70(9K) > 54000h					
Beam					50°	50°	50°
Efficiency					74%	74%	74%
Efficacy		74 lm/W	110 lm/W	114 lm/W	55 lm/W	82 lm/W	85 lm/W

17 W 2700 K **α=50°** 3000 K **α=50°** 4000 K **α=50°**

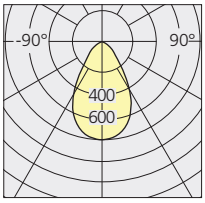


cd/klm

	2700 K				3000 K				4000 K			
	H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	0,94	1169	655	1	0,94	1716	961	1	0,94	1794	1005
2	1,88	292	164	2	1,88	429	240	2	1,88	448	251
3	2,81	130	73	3	2,81	191	107	3	2,81	199	112
4	3,75	73	41	4	3,75	107	60	4	3,75	112	63
5	4,69	47	26	5	4,69	69	38	5	4,69	72	40

Parabola 100	**64°**	LED			luminaire		
Power		17 W			17 W		
Flux		1290 lm	1896 lm	1982 lm	942 lm	1382 lm	1445 lm
CCT		2700 K	3000 K	4000 K	2700 K	3000 K	4000 K
CRI		=90 (min.)	=80 (min.)	=80 (min.)			
Color tolerance		MacAdam 3SDCM					
Service life		L70(9K) > 54000h					
Beam					64°	64°	64°
Efficiency					73%	73%	73%
Efficacy		74 lm/W	110 lm/W	114 lm/W	54 lm/W	80 lm/W	83 lm/W

17 W 2700 K **α=64°** 3000 K **α=64°** 4000 K **α=64°**

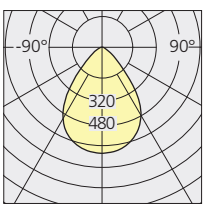


cd/klm

	2700 K				3000 K				4000 K			
	H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	1,24	754	387	1	1,24	1106	568	1	1,24	1157	594
2	2,47	188	97	2	2,47	277	142	2	2,47	289	148
3	3,71	84	43	3	3,71	123	63	3	3,71	129	66
4	4,95	47	24	4	4,95	69	35	4	4,95	72	37
5	6,18	30	15	5	6,18	44	23	5	6,18	46	24

Parabola 100	**76°**	LED			luminaire		
Power		17 W			17 W		
Flux		1290 lm	1896 lm	1982 lm	948 lm	1392 lm	1455 lm
CCT		2700 K	3000 K	4000 K	2700 K	3000 K	4000 K
CRI		=90 (min.)	=80 (min.)	=80 (min.)			
Color tolerance		MacAdam 3SDCM					
Service life		L70(9K) > 54000h					
Beam					76°	76°	76°
Efficiency					73%	73%	73%
Efficacy		74 lm/W	110 lm/W	114 lm/W	54 lm/W	81 lm/W	84 lm/W

17 W 2700 K **α=76°** 3000 K **α=76°** 4000 K **α=76°**



	2700 K				3000 K				4000 K			
	H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	1,55	624	288	1	1,55	916	423	1	1,55	957	442
2	3,10	156	72	2	3,10	229	106	2	3,10	239	110
3	4,65	69	32	3	4,65	102	47	3	4,65	106	49
4	6,20	39	18	4	6,20	57	26	4	6,20	60	28
5	7,75	25	12	5	7,75	37	17	5	7,75	38	18

Parabola
175- 230

Michele De Lucchi
Massimo Sacconi
2010

- Light fixture with high-performance LED light sources.
- Ceiling installation.
- Consists of: frame, body, lens, fixing springs.
- Frame in lathed aluminium.
- Spun sheet aluminium reflector, metallized with 99.99% pure aluminium vacuum deposition.
- Black anodised extruded aluminium heatsink.
- Injection-moulded PMMA lens.
- Adjustable aluminium mounting brackets for 10-20 mm-thick false ceilings.
- Includes power unit.
- White monochromatic LEDs available in 2 colour temperatures:
  Warm = 3000K
  Neutral = 4000K
- IP Rating IP40.
- Insulation class I.
- Technical features of light fixtures in compliance with EN60598-1.
- Installation must be carried out by specialised personnel.
- Carefully follow the instructions.

Museum of the History of Bologna, Bologne - IT

Parabola 175-230

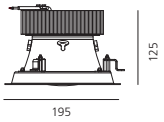
White ○ Silver ● Polished metal ◍

Parabola 175

W LED	Weight	Flux	CCT	Driver	Code
20 W	2 kg	1577 lm	3000 K		NL17212VTK0
		1662 lm	4000 K		NL17212VTW0
		1577 lm	3000 K	1-10V	NL17213VTK0
		1662 lm	4000 K	1-10V	NL17213VTW0
		1577 lm	3000 K	DALI	NL17214VTK0
		1662 lm	4000 K	DALI	NL17214VTW0

220/240Vac 50/60Hz electronic ballast included.

IP40 ⏚ ø 180±2

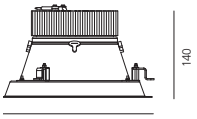


Parabola 230

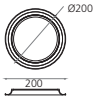
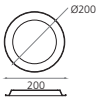
W LED	Weight	Flux	CCT	Driver	Code
28 W	3 kg	1853 lm	3000 K		NL17215VTK0
		1935 lm	4000 K		NL17215VTW0
		1853 lm	3000 K	1-10V	NL17216VTK0
		1935 lm	4000 K	1-10V	NL17216VTW0
		1853 lm	3000 K	DALI	NL17217VTK0
		1935 lm	4000 K	DALI	NL17217VTW0

220/240Vac 50/60Hz electronic ballast included.

IP40 ⏚ ø 235±2

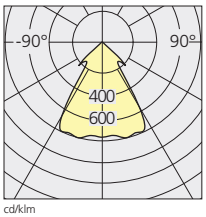


Accessories

			Parabola 175 Code	Parabola 230 Code
	Frame curved light		● silver ○ white	NL7044002 NL7044006	NL7147002 NL7147006
	Frame sharp light		● silver ○ white	NL7043002 NL7043006	NL7146002 NL7146006
	Chrome ring		◍ Polished metal	NL31008	NL31009

Parabola 175	LED		luminaire	
Power	17 W	17 W	20 W	20 W
Flux	1971 lm	2077 lm	1577 lm	1662 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(9K) > 53000h			
Beam			64°	64°
Efficiency			80%	80%
Efficacy	96 lm/W	122 lm/W	79 lm/W	83 lm/W

20 W α=64°



cd/klm

3000 K α=64°

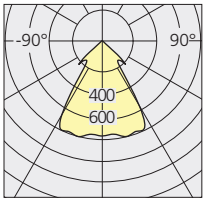
H m	Ø m	EMax lux	EM lux
1	1,25	1221	751
2	2,50	305	188
3	3,75	136	83
4	4,99	76	47
5	6,24	49	30

4000 K α=64°

H m	Ø m	EMax lux	EM lux
1	1,25	1287	792
2	2,50	322	198
3	3,75	143	88
4	4,99	80	49
5	6,24	51	32

Parabola 230	LED		luminaire	
Power	26 W	26 W	28 W	28 W
Flux	2538 lm	2651 lm	1853 lm	1935 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(9K) > 53000h			
Beam			64°	64°
Efficiency			73%	73%
Efficacy	98 lm/W	122 lm/W	66 lm/W	69 lm/W

20 W



cd/klm

3000 K α=64°

H m	Ø m	EMax lux	EM lux
1	1,25	1435	882
2	2,50	359	221
3	3,75	159	98
4	4,99	90	55
5	6,24	57	35

4000 K α=64°

H m	Ø m	EMax lux	EM lux
1	1,25	1499	922
2	2,50	375	230
3	3,75	167	102
4	4,99	94	58
5	6,24	60	37

Rastaf

Studio Artemide
2000 - 2013

Rastaf LED

- Series of LED recessed luminaires, round or square.
- Fixed and adjustable versions available.
- No accessories needed in the IP44 fixed version (IP44 from below)
- Tilt angle up to 45°.
- White steel recessing plate available separately, for 2 or 3 downlighters.
- Range of recessing accessories available.
- Separate power supply.
- Compliant with EN60598-1 standard and other specific standards.

Rastaf

- A range of fixed and adjustable, recessed downlights, using 12 V dichroic halogen lamps, HIPAR51 metal-halide and 230-240 V LEDs.
- Steel body, available in 5 colour options.
- 2 size options: ø86mm and ø125mm.
- Tilt angle of up to 45°, rotation of up to 355° depending on the version.
- Version IP44 comes with integral safety cover and sealed glass.
- Optional steel recessing ring with white finish for use with 2 or 3 downlights ø86mm.
- Wide range of accessories for recessing into false ceilings, allowing lamp replacement without damaging the surface.
- Remote transformer.
- Complies with standard EN60598-1 and other specific standards.

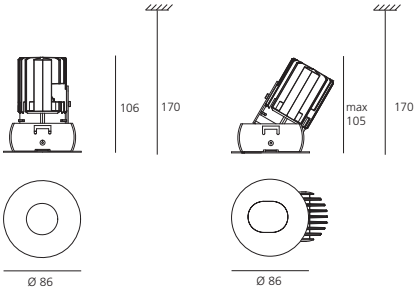
Rastaf 86 LED round

White
○

W (LED)	Weight	Beam	Flux	CCT	Color	Fixed optic Code	Adjustable optic Code
12,4 W	0,65 kg	20°	355 lm	3000 K	○	M038500	M038505
			375 lm	4000 K	○	M038800	M038805
		32°	285 lm	3000 K	○	M038700	M038705
			300 lm	4000 K	○	M039000	M039005

Driver 350 mA SELV supplied separately.

▼ **IP**20 / ▲ **IP**44 ⟐ ⌀72 mm

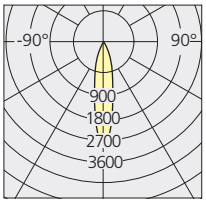


IP20 ⟐ ⌀72 mm

45°

	LED		luminaire	
Power	12,4 W	12,4 W	12,4 W	12,4 W
Flux	1200 lm	1265 lm	355 lm	375 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(9K) > 54000h			
Beam			20°	20°
Efficiency			30%	30%
Efficacy	96,8 lm/W	102 lm/W	28,7 lm/W	30,2 lm/W

12.4 W

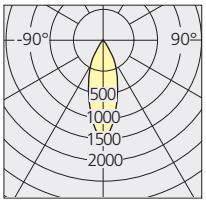


cd/klm

	3000 K				4000 K			
	α=20°				α=20°			
	H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	1	0,36	1430	888	1	0,36	1511	938
2	2	0,73	357	222	2	0,73	378	234
3	3	1,09	159	99	3	1,09	168	104
4	4	1,45	89	55	4	1,45	94	59
5	5	1,82	57	36	5	1,82	60	38

	LED		luminaire	
Power	12,4 W	12,4 W	12,4 W	12,4 W
Flux	1200 lm	1265 lm	285 lm	300 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(9K) > 54000h			
Beam			32°	32°
Efficiency			23,6%	23,6%
Efficacy	96,8 lm/W	102 lm/W	22,8 lm/W	24 lm/W

13 W



cd/klm

	3000 K				4000 K			
	α=32°				α=32°			
	H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	1	0,60	595	345	1	0,60	627	363
2	2	1,20	149	86	2	1,20	157	91
3	3	1,80	66	38	3	1,80	70	40
4	4	2,40	37	22	4	2,40	39	23
5	5	3,00	24	14	5	3,00	25	15

Ristorante Larte - Milano (Italy)
Interior project: Lorenzo Morganti, Grixoni Service
Photo: Federico Villa

Rastaf 86

White ○ Black ● Gold ● Chrome ● Metal Grey ●

QR-CBC51 (GU5,3)

W	Weight	Color	Fix Code	Adjustable Code
12 V max 50 W	0,15 kg	○	M049000	M049005
		●	M049010	M049015
		●	M049070	M049075
		●	M049080	M049085
		●	M049060	M049065

Driver 12Vdc SELV supplied separately.

QR-CBC51 (GU5,3)

W	Weight	IP	Color	Fix Code
12 V max 50 W	0,15 kg	▼ **IP**21/ ▲ **IP**44	○	M049100

Driver 12Vdc SELV supplied separately.

HIPAR51-CE-P (GX10)

W	Weight	Color	Fix Code	Adjustable Code
max 35W	0,15 kg	○	M048800	M048805

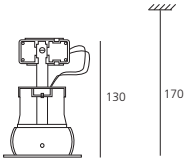
Driver 220/240Vac 50/60Hz supplied separately.

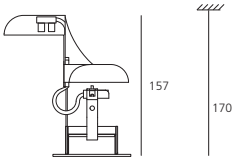
LED (GU10)

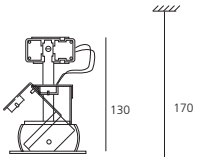
	Weight	Color	Fix Code	Adjustable Code
230-240V	0,15 kg	○	M047900	M047905

IP20 960° ⌀72 mm

45°







Rastaf 86 LED square

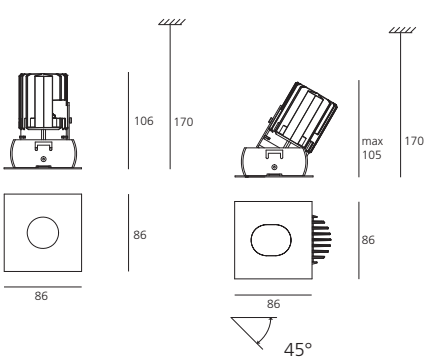
LED

W (LED)	Weight	Beam	Flux	CCT	Color	Fixed optic Code	Adjustable optic Code
13 W	0,68 kg	20°	252 lm	3000 K	○	M039100	M039105
			270 lm	4000 K	○	M039400	M039405
		32°	201 lm	3000 K	○	M039300	M039305
			215 lm	4000 K	○	M039600	M039605

Driver 350 mA SELV supplied separately.

▼ **IP**20 / ▲ **IP**44 ⌀72 mm

IP20 ⌀72 mm



Control gears

Electronic transformer 230 240V/12V
Class II. Dimmable by trailing or leading edge external dimmers.

		Code
10-60W	123x32x23mm	M070211
35-105W	102x51x30mm	M070412
35-150W	100x38x34mm	M072111

Electronic ballast 230-240V
Class I
For HIPAR51 (GX10)

		Code
1x35W	132x64x37mm	M070032

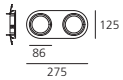
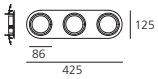
Independent LED power supply.
Non dimmable.
Please contact the retailer if you require different configurations.
Output power: 19 W.
Supply voltage: 220-240 V.
Output current: 350 mA.
SELV. IP20. Insulation class II.
Dimensions: 125 x 38 x 23 mm.
Weight: 0,08 kg.

Code: M077500

Independent LED power supply.
Dali dimmable, Push, 0-10 V.
Please contact the retailer if you require different configurations.
Output power: 16W.
Supply voltage: 220-240 V.
Output current: 350 mA.
SELV. IP20. Insulation class II.
Dimensions: 156 x 51,5 x 25,5 mm.
Weight: 0,05 kg.

Code: M077401

Accessories

	Code
Recessing ring with plaster support for Rastaf 86 fixed or adjustable. 190x190	M080008
Recessing ring for mineral fiber false ceilings for Rastaf 86 fixed or adjustable. ø78 mm	M080018
Aluminium recessing ring for Rastaf 86 fixed or adjustable. ø78 mm	M080028
Steel recessing ring with springs for plasterboard false ceilings for Rastaf 86 fixed or adjustable. ø78 mm	M080038
Steel recessing plate for 2 spots for Rastaf 86 fixed or adjustable.  260xø78 mm	M017300
Steel recessing plate for 3 spots for Rastaf 86 fixed or adjustable.  410xø78 mm	M017400

Toplite

Studio Artemide
2000

- Series of recessed, fixed and adjustable, rounded and square appliances.
- High-yield 3000K and 4000K white led versions, with 3 different beam emission options.
- Die-cast aluminium or steel body.
- Aluminium support, reflector with low-luminance ring.
- IP44 version with integrated cover for electrical elements and protection glass.
- Separate power unit.
- Complies with standard EN60598-1 and other specific standards.

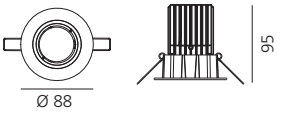
Toplite LED round

○
White

W (LED)	Weight	Beam	Flux	CCT	Color	Code
12 W	0,65 kg	30°	735 lm	3000 K	○	M041800
			775 lm	4000 K	○	M041900
		52°	755 lm	3000 K	○	M042200
			795 lm	4000 K	○	M042300

Electronic ballast 350 mA SELV supplied separately.

IP20 ⌀75

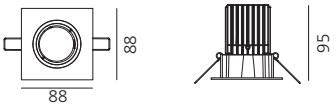


Toplite LED square

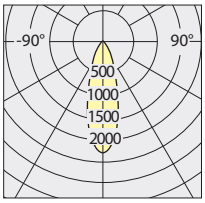
W (LED)	Weight	Beam	Flux	CCT	Color	Code
12 W	0,68 kg	30°	735 lm	3000 K	○	M044200
			775 lm	4000 K	○	M044300
		52°	755 lm	3000 K	○	M044600
			795 lm	4000 K	○	M044700

Electronic ballast 350 mA SELV supplied separately.

IP20 ⌀75



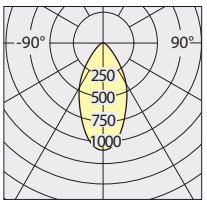
12 W



cd/klm

	3000 K			α=30°	4000 K			α=30°
	H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	0,55		1667	1018	1	0,55	1758	1073
2	1,11		417	254	2	1,11	439	268
3	1,66		185	113	3	1,66	195	119
4	2,22		104	64	4	2,22	110	67
5	2,77		67	41	5	2,77	70	43

12 W



cd/klm

	3000 K			α=52°	4000 K			α=52°
	H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	0,99		802	417	1	0,99	844	439
2	1,98		200	104	2	1,98	211	110
3	2,97		89	46	3	2,97	94	49
4	3,96		50	26	4	3,96	53	27
5	4,95		32	17	5	4,95	34	18

Power supply units

Independent LED power supply.
Non dimmable.
Please contact the retailer if you require different configurations.
Output power: 15 W.
Supply voltage: 220-240 V.
Output current: 350 mA.
SELV. IP20. Insulation class II.
Dimensions: 125 x 38 x 23 mm.
Weight: 0,08 kg.

Code
M077500

Independent LED power supply.
Dali dimmable, Push, 0-10V.
Please contact the retailer if you require different configurations.
Output power: 16W.
Supply voltage: 220-240 V.
Output current: 350 mA.
SELV. IP20. Insulation class II.
Dimensions: 156 x 51,5 x 25,5 mm.
Weight: 0,05 kg.

Code
M077401

Nothing Downlight

Ernesto Gismondi
2005

Vertical position

Maximum tilt

- A range of fixed and adjustable downlights using LED, 12V halogen and metal halide lamps.
- 2 diameter options: ø105 and ø155mm.
- Tilt angle of up to 32°.
- Optional ring in injection moulded plastic with white finish for an installation without plaster finish coat. Fitting by one quarter turn rotation.

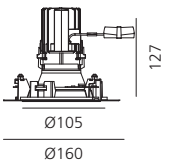
Nothing recessed round Ø105 fixed/adjustable

W (LED)	Weight	Beam	Flux	CCT	Fixed Code	Adjustable Code
12 W	0,55 kg	30°	735 lm	3000 K	M062300	M062305
			775 lm	4000 K	M062500	M062505
		52°	755 lm	3000 K	M065200	M065205
			795 lm	4000 K	M065300	M065305

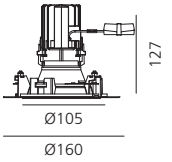
Electronic ballast 350 mA SELV supplied separately.

Driver	Vac	L_{mm}	W_{mm}	H_{mm}	n°device		Code
cc 15W 350mA	220-240	125	38	23	1 max	Non dimmable	M074600
cc 16W 350mA	220-240	156	52	26	1 max	DALI dimmable	M077401

IP20 ⏚ 960°

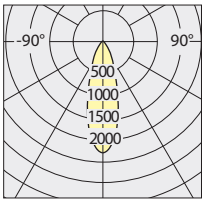


ø134



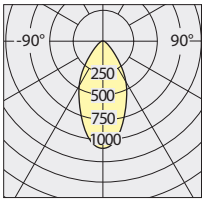
32°

12 W 3000 K **α=30°** 4000 K **α=30°**



H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	0,55	1667	1018	1	0,55	1758	1073
2	1,11	417	254	2	1,11	439	268
3	1,66	185	113	3	1,66	195	119
4	2,22	104	64	4	2,22	110	67
5	2,77	67	41	5	2,77	70	43

12 W 3000 K **α=52°** 4000 K **α=52°**



H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	0,99	802	417	1	0,99	844	439
2	1,98	200	104	2	1,98	211	110
3	2,97	89	46	3	2,97	94	49
4	3,96	50	26	4	3,96	53	27
5	4,95	32	17	5	4,95	34	18

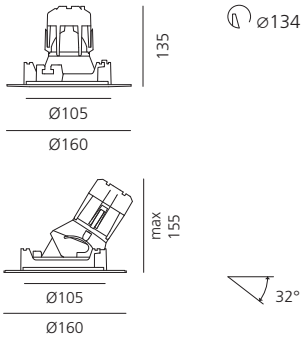
QR-CBC51 (GU5,3)		Fixed	Adjustable
W	Weight	Code	Code
12V max50 W	0,40 kg	M062620	M064020

Retrofit ► MASTER LEDspot MR16 (GU5,3) 12V 7 W
Electronic ballast 12V SELV supplied separately.

HIPAR51-CE-P (GX10)		Fixed	Adjustable
W	Weight	Code	Code
max35 W	0,40 kg	M062720	M064120

Electronic ballast supplied separately.

IP20 960°



Accessories

		Color	Code
	Ring in injection moulded plastic. Ø165mm	○	M064900

Control gears

		Code
	Electronic transformer 230-240 V / 12 V. Class II. Dimmable by trailing or leading edge external dimmers.	
	10-60W. 123x32x23mm.	M070211
	35-105W. 102x51x30mm.	M070412
	Electronic ballast 230-240V. Class I.	
	For HIPAR-CE-P (GX10) 1x35W. 132x64x37mm.	M070032

Nothing recessed round Ø155 adjustable

QR-111 (G53) — Adjustable

W	Weight	Code
12V max100 W	1,20 kg	M064420

Electronic ballast 12V SELV supplied separately.

HIR111-CE-P (G8,5) — Adjustable

W	Weight	Code
35/70 W	1,20 kg	M064720

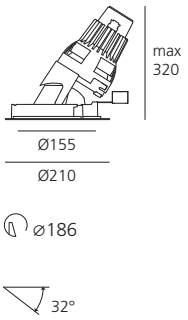
Electronic ballast supplied separately.

HIT-TC-CE (G8,5) — Adjustable

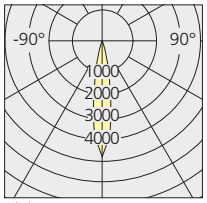
W	Weight	Beam	Code
20/35/70 W	1,30 kg	20°	M064620
		40°	M063220

Electronic ballast supplied separately.

IP20 960°



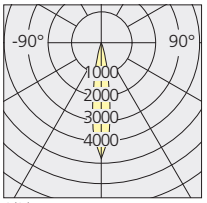
20W/1700lm — Efficiency 45% — α=20°



Cd/Klm

H m	Ø m	EMax lux	EM lux
1	0,30	7055	3444
2	0,59	1764	861
3	0,89	784	383
4	1,18	441	215
5	1,48	282	138

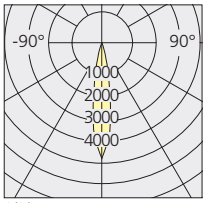
35W/3400lm — Efficiency 46% — α=20°



Cd/Klm

H m	Ø m	EMax lux	EM lux
1	0,30	13694	6686
2	0,59	3424	1672
3	0,89	1522	743
4	1,18	856	418
5	1,48	548	267

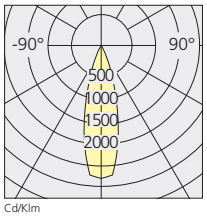
70W/6600lm — Efficiency 46% — α=20°



Cd/Klm

H m	Ø m	EMax lux	EM lux
1	0,30	27389	13373
2	0,59	6847	3343
3	0,89	3043	1486
4	1,18	1712	836
5	1,48	1096	535

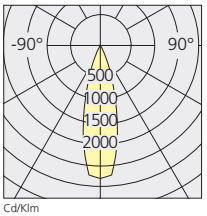
20W/1700lm — Efficiency 70% — α=40°



Cd/Klm

H m	Ø m	EMax lux	EM lux
1	0,30	7055	3444
2	0,59	1764	861
3	0,89	784	383
4	1,18	441	215
5	1,48	282	138

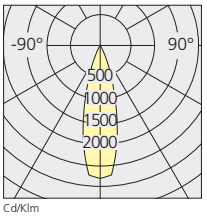
35W/3400lm — Efficiency 70% — α=40°



Cd/Klm

H m	Ø m	EMax lux	EM lux
1	0,50	9093	4163
2	1,00	2273	1041
3	1,50	1010	463
4	1,99	568	260
5	2,49	364	167

70W/6600lm — Efficiency 70% — α=40°



Cd/Klm

H m	Ø m	EMax lux	EM lux
1	0,50	9093	4163
2	1,00	2273	1041
3	1,50	1010	463
4	1,99	568	260
5	2,49	364	167

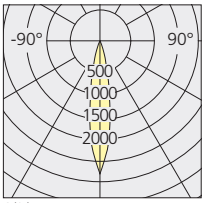
Accessories

	Color	Code
Ring in injection moulded plastic. Ø215mmmm	○	M065000
UV filter For Nothing Ø155mm HIT series.		M080085

HIT-CE (G12)			Adjustable
W	Weight	Beam	Code
70 W	1,30 kg	20°	M063520
		40°	M063620
150 W	1,30 kg	20°	M064820
		40°	M063320

Electronic ballast supplied separately.

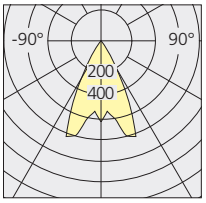
70W/6600lm Efficiency 36% α=20°



Cd/Klm

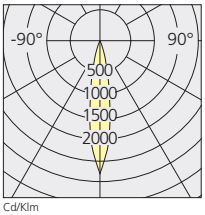
H m	Ø m	EMax lux	EM lux
1	0,30	19057	9271
2	0,59	4764	2318
3	0,89	2117	1030
4	1,18	1191	579
5	1,48	762	371

70W/6600lm Efficiency 55% α=40°



H m	Ø m	EMax lux	EM lux
1	1,00	4454	2014
2	1,99	1113	503
3	2,99	495	224
4	3,99	278	126
5	4,99	178	81

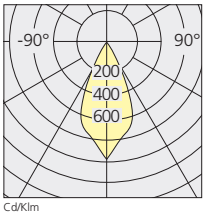
150W/14000lm Efficiency 55% α=20°



Cd/Klm

H m	Ø m	EMax lux	EM lux
1	0,30	40424	19665
2	0,59	10106	4916
3	0,89	4492	2185
4	1,18	2526	1229
5	1,48	1617	787

150W/14000lm Efficiency 36% α=40°



Cd/Klm

H m	Ø m	EMax lux	EM lux
1	0,85	12183	4749
2	1,71	3046	1187
3	2,56	1354	528
4	3,41	761	297
5	4,27	487	190

Control gears	Code
Electronic transformer 230-240 V / 12 V. Class II. Dimmable by trailing or leading edge external dimmers.	
10-60W. 123x32x23mm.	M070211
35-105W. 102x51x30mm.	M070412
Electronic ballast 230-240V. Class I.	
HIT 1x35W. 155x83x32mm.	M070322
HIT 1x70W. 150x80x35mm.	M070522
HIT 1x150W. 150x90x40mm.	M070622

Java Downlight

Ernesto Gismondi
2005

- Fixed downlights using LED, 12V dichroic halogen and 230-240 V and led lamps.
- 2 versions: trim and trimless.
- Body is made from steel, lampholding ring from aluminium.
- 2 lighting options: downlighting (vertical) and wall washer lighting (30°).

Java Downlight

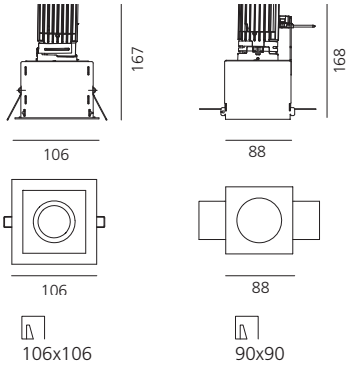
White
○

W (LED)	Weight	Beam	Flux	CCT	Color	Trim Code	Trimless Code
12 W	0,65 kg	30°	735 lm	3000 K	○	M129820	M133600
			775 lm	4000 K	○	M129920	M133700
		52°	755 lm	3000 K	○	M137620	M135200
			795 lm	4000 K	○	M137720	M136700

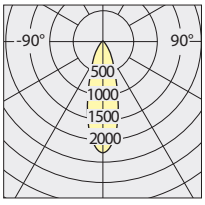
IP20 960°

Electronic ballast 350 mA SELV supplied separately.

Driver	Vac	L_{mm}	W_{mm}	H_{mm}	n°device		Code
cc 15W 350mA	220-240	125	38	23	1 max	Non dimmable	M074600
cc 16W 350mA	220-240	156	52	26	1 max	DALI dimmable	M077401

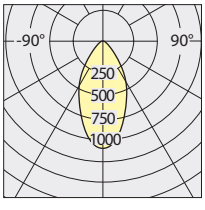


12 W 3000 K **α=30°** 4000 K **α=30°**



H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	0,55	1667	1018	1	0,55	1758	1073
2	1,11	417	254	2	1,11	439	268
3	1,66	185	113	3	1,66	195	119
4	2,22	104	64	4	2,22	110	67
5	2,77	67	41	5	2,77	70	43

12 W 3000 K **α=52°** 4000 K **α=52°**



H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	0,99	802	417	1	0,99	844	439
2	1,98	200	104	2	1,98	211	110
3	2,97	89	46	3	2,97	94	49
4	3,96	50	26	4	3,96	53	27
5	4,95	32	17	5	4,95	34	18

Java Downlight

White
○

Downlight

LED (GU10)

W		Weight	Color	Trim Code	Trimless Code
230-240 V	⧈	0,60 kg	○	M138820	M137800

*Max 81mm (overall)

QR-CBC51 (GU5,3)

W		Weight	Color	Trim Code	Trimless Code
12V 1xmax50 W	⧫	0,45 kg	○	M139420	M139000

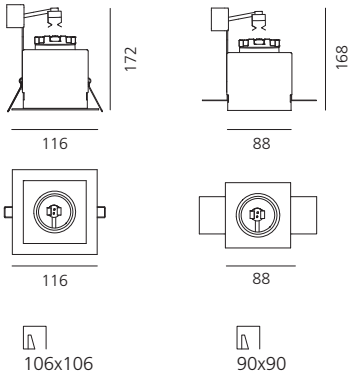
retrofit ► MASTER LEDspot MR16 (GU5,3) 12V 7 W
Electronic ballast 12V SELV supplied separately

HIPAR51-CE-P (GX10)

W		Weight	Color	Trim Code
1xmax35 W	⧈	0,45 kg	○	M139520

Electronic ballast supplied separately

IP20 960°



Wall washer

LED (GU10)

W		Weight	Color	Trim Code	Trimless Code
230-240 V	⧈	0,70 kg	○	M138920	M137900

*Max 81mm (overall)

QR-CBC51 (GU5,3)

W		Weight	Color	Trim Code	Trimless Code
12V 1xmax50 W	⧫	0,55 kg	○	M139720	M139200

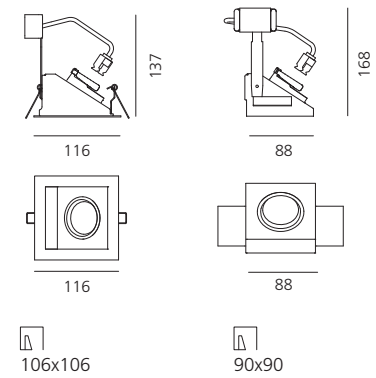
Retrofit ► MASTER LEDspot MR16 (GU5,3) 12V 7 W.
Electronic ballast 12V SELV supplied separately.

HIPAR51-CE-P (GX10)

W		Weight	Color	Trim Code
1xmax35 W	⧈	0,55 kg	○	M139820

Independent power supply to be ordered separately.

IP20 960°

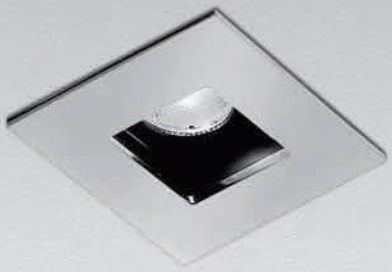


Control gears

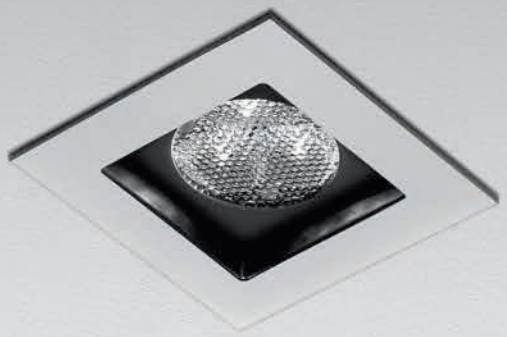
		Code
	Electronic transformer 10-60 W 230-240 V Class II. Dimmable by trailing or leading edge external dimmers. 10-60 W. 123x32x23 mm	M070211
	Electronic ballast 230-240 V Class I HIT 1x35 W. 155x83x32 mm	M070322

Zeno UP

Jan Van Lierde
2011



- Light fixture with high-performance LED light sources.
- Ceiling installation.
- Low recessed depth
- Consists of: body, frame, black silkscreened tempered glass, fixing springs.
- Body in EN AB44100 aluminium, silicone gaskets.
- Frame in aluminium.
- Black silkscreened tempered glass, 4mm-thick (IP65).
- Fixing springs in harmonic steel.
- Power connection to the mains by means of a H05RN-r cable and IP68 electrical terminal board, supplied with the fixture (IP65).
- Glass surface temperature lower than 40°C.
- Fixed optics. PMMA lenses in 2 different versions of beams.
- White monochromatic LEDs available in 2 colour temperatures:
  Warm = 3000K
  Neutral = 4000K
- Painted die-cast aluminium with 3-stage outdoor treatment: nanotechnologies, antioxydant primer, polyester paint (IP65).
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65 or IP40.
- Insulation class III.
- Installation must be carried out by specialised personnel.
- Carefully follow the instructions



Yacht San Lorenzo SL104

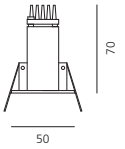
Zeno Up 1

White ○ Silver ● Chrome ◑

LED CRI = 80(min)							
W	Weight	Beam	Efficacy	Flux	CCT	Color	Code
2 W	0,13 kg	10°	37 lm/W	110 lm	3000K	●	NL708610K0
			48 lm/W	145 lm	4000K	●	NL708610W0

Driver	Vac	L_{mm}	W_{mm}	H_{mm}	n°device		
cc 10W 700mA	220-240	75	38	22	1min-3max	Non dimmable	NL19035

IP40 CE 40 x 27

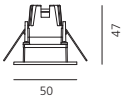


Zeno Up 2

LED CRI = 80(min)					IP65	IP40
W	Weight	Beam	Flux	CCT	Color	Code	Code
2 W	0,25 kg	14°	128 lm	3000K	●	NL1708410K002	NL1708110K002
					◑	NL1708410K003	NL1708110K003
					○	NL1708410K006	NL1708110K006
			137 lm	4000K	●	NL1708410W002	NL1708110W002
					◑	NL1708410W003	NL1708110W003
					○	NL1708410W006	NL1708110W006
		24°	133 lm	3000K	●	NL1708425K002	NL1708125K002
					◑	NL1708425K003	NL1708125K003
					○	NL1708425K006	NL1708125K006
			142 lm	4000K	●	NL1708425W002	NL1708125W002
					◑	NL1708425W003	NL1708125W003
					○	NL1708425W006	NL1708125W006

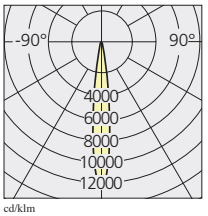
Driver	Vac	L_{mm}	W_{mm}	H_{mm}	IP	n°device		
cc 11W 700mA	220-240	145	65	55	67	1min-4max	Non dimmable	NL19024
cc 10W 700mA	220-240	75	38	22		1min-4max	Non dimmable	NL19035

CE 38 x 36



Zeno Up 2	LED		luminaire	
Power	2 W	2 W	2 W	2 W
Flux	168 lm	180 lm	128 lm	137 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (typ.)			
Color tolerance	MacAdam 4SDCM			
Service life	L70(6K) > 39300h			
Beam			14°	14°
Efficiency			76%	76%
Efficacy	80 lm/W	86 lm/W	61 lm/W	65 lm/W

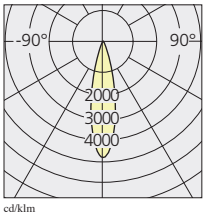
2 W — 3000 K — α=14° — 4000 K — α=14°



H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	0,23	1618	1032	1	0,23	1732	1105
2	0,46	404	258	2	0,46	433	276
3	0,68	180	115	3	0,68	192	123
4	0,91	101	64	4	0,91	108	69
5	1,14	65	41	5	1,14	69	44

Zeno Up 2	LED		luminaire	
Power	2 W	2 W	2 W	2 W
Flux	168 lm	180 lm	133 lm	142 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (typ.)			
Color tolerance	MacAdam 4SDCM			
Service life	L70(6K) > 39300h			
Beam			24°	24°
Efficiency			79%	79%
Efficacy	80 lm/W	86 lm/W	63 lm/W	68 lm/W

2 W — 3000 K — α=24° — 4000 K — α=24°

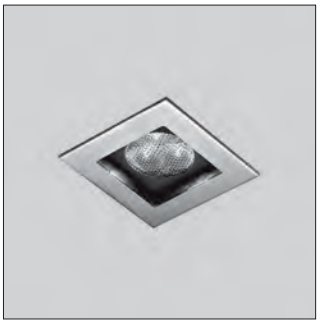


H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	0,42	637	397	1	0,42	680	423
2	0,84	159	99	2	0,84	170	106
3	1,25	71	44	3	1,25	76	47
4	1,67	40	25	4	1,67	43	26
5	2,09	25	16	5	2,09	27	17

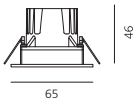
Zeno Up 3

White ○ Silver ● Chrome ◑

LED CRI = 80(min)						IP65	IP40
W	Weight	Beam	Flux	CCT	Color	Code	Code
5 W	0,45 kg	16°	269 lm	3000K	●	NL1708510K002	NL1708310K002
					◑	NL1708510K003	NL1708310K003
					○	NL1708510K006	NL1708310K006
			286 lm	4000K	●	NL1708510W002	NL1708310W002
					◑	NL1708510W003	NL1708310W003
					○	NL1708510W006	NL1708310W006
		24°	280 lm	3000K	●	NL1708525K002	NL1708325K002
					◑	NL1708525K003	NL1708325K003
					○	NL1708525K006	NL1708325K006
			298 lm	4000K	●	NL1708525W002	NL1708325W002
					◑	NL1708525W003	NL1708325W003
					○	NL1708525W006	NL1708325W006



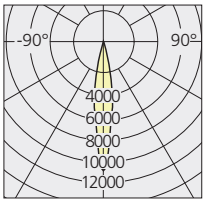
52 x 56



Driver	Vac	L_{mm}	W_{mm}	H_{mm}	IP	n°device		
cc 14W 500mA	220-240	145	65	55	67	1min-2max	Non dimmable	NL19046
cc 10W 500mA	220-240	75	38	22		1	Non dimmable	NL10941

Zeno Up 3	LED		luminaire	
Power	5 W	5 W	5 W	5 W
Flux	384 lm	408 lm	269 lm	286 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (typ.)			
Color tolerance	MacAdam 4SDCM			
Service life	L70(6K) > 39300h			
Beam			16°	16°
Efficiency			70%	70%
Efficacy	80 lm/W	85 lm/W	56 lm/W	60 lm/W

5 W

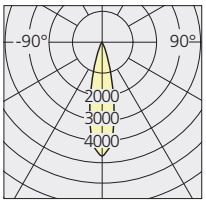


cd/klm

3000 K α=16°				4000 K α=16°			
H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	0,29	2909	1713	1	0,29	3093	1821
2	0,57	727	428	2	0,57	773	455
3	0,86	323	190	3	0,86	344	202
4	1,14	182	107	4	1,14	193	114
5	1,43	116	69	5	1,43	124	73

Zeno Up 3	LED		luminaire	
Power	5 W	5 W	5 W	5 W
Flux	384 lm	408 lm	280 lm	298 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (typ.)			
Color tolerance	MacAdam 4SDCM			
Service life	L70(6K) > 39300h			
Beam			24°	24°
Efficiency			73%	73%
Efficacy	80 lm/W	85 lm/W	58 lm/W	62 lm/W

5 W



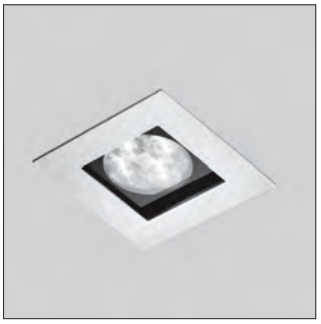
cd/klm

3000 K α=24°				4000 K α=24°			
H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	0,42	1325	833	1	0,42	1410	886
2	0,84	331	208	2	0,84	352	222
3	1,26	147	93	3	1,26	157	98
4	1,68	83	52	4	1,68	88	55
5	2,10	53	33	5	2,10	56	35

Zeno Up 4

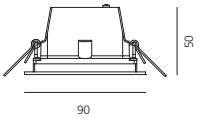
White ○ Silver ● Chrome ◑

LED CRI = 80(min)						IP65	IP40
W	Weight	Beam	Flux	Efficacy	CCT	Color	Code	Code
6,5 W	0,60 kg	10°	364 lm	58 lm/W	3000K	●	NL1708610K002	NL1708710K002
						◑	NL1708610K003	NL1708710K003
						○	NL1708610K006	NL1708710K006
			389 lm	62 lm/W	4000K	●	NL1708610W002	NL1708710W002
						◑	NL1708610W003	NL1708710W003
						○	NL1708610W006	NL1708710W006
		30°	376 lm	60 lm/W	3000K	●	NL1708625K002	NL1708725K002
						◑	NL1708625K003	NL1708725K003
						○	NL1708625K006	NL1708725K006
			402 lm	64 lm/W	4000K	●	NL1708625W002	NL1708725W002
						◑	NL1708625W003	NL1708725W003
						○	NL1708625W006	NL1708725W006

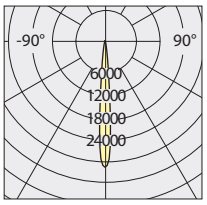


79 x 79

Driver	Vac	Lmm	Wmm	Hmm	IP	n°device		
cc 14W 500mA	220-240	145	65	55	67	1	Non dimmable	NL19046
cc 8W 500mA slim	220-240	75	38	22		1	Non dimmable	NL10941



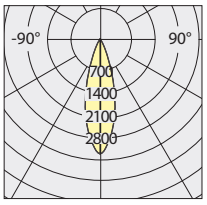
Zeno Up 4	LED		luminaire	
Power	6,5 W	6,5 W	6,5 W	6,5 W
Flux	520 lm	556 lm	364 lm	389 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (typ.)			
Color tolerance	MacAdam 4SDCM			
Service life	L70(6K) > 39300h			
Beam			10°	10°
Efficiency			70%	70%
Efficacy	83 lm/W	88 lm/W	58 lm/W	62 lm/W



6,5 W 3000 K **α=10°** 4000 K **α=10°**

H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	0,16	9482	6403	1	0,16	10133	6843
2	0,32	2371	1601	2	0,32	2533	1711
3	0,48	1054	711	3	0,48	1126	760
4	0,64	593	400	4	0,64	633	428
5	0,80	379	256	5	0,80	405	274

Zeno Up 4	LED		luminaire	
Power	6,5 W	6,5 W	6,5 W	6,5 W
Flux	520 lm	556 lm	376 lm	402 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (typ.)			
Color tolerance	MacAdam 4SDCM			
Service life	L70(6K) > 39300h			
Beam			30°	30°
Efficiency			72%	72%
Efficacy	83 lm/W	88 lm/W	60 lm/W	64 lm/W



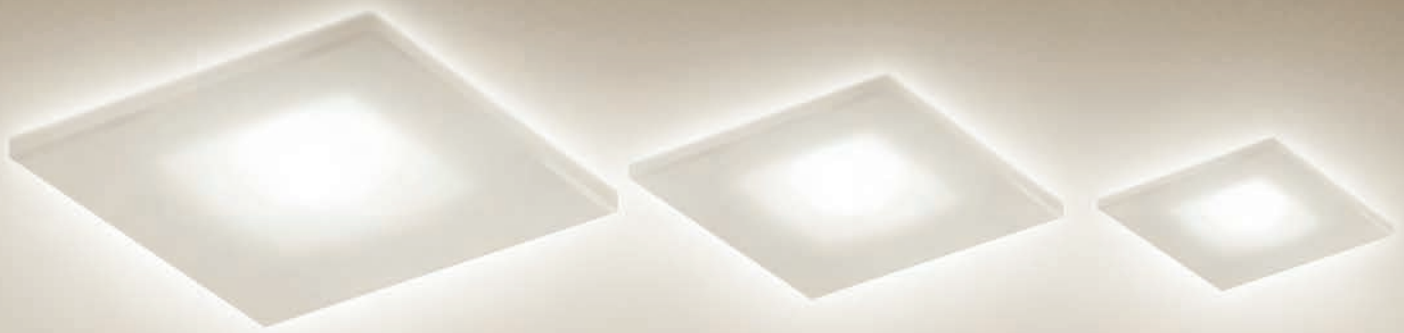
6,5 W 3000 K **α=30°** 4000 K **α=30°**

H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	0,52	1241	748	1	0,52	1326	800
2	1,05	310	187	2	1,05	332	200
3	1,57	138	83	3	1,57	147	89
4	2,09	78	47	4	2,09	83	50
5	2,62	50	30	5	2,62	53	32

Zeno Up Frosted

Jan Van Lierde
2013

- Light fixture with high-performance LED light sources.
- Wall or ceiling installation.
- Consists of: frame, body, fixing springs.
- Frame in frosted opal glass, 4mm thick.
- Body in injection mould of aluminium.
- Fixing springs in harmonic steel.
- White monochromatic LEDs available in 2 colour temperatures:
  Warm = 3000K
  Neutral = 4000K
- Electrical connection to the driver by means of a FROR cable and a terminal board.
- IP Rating IP40.
- Insulation class III.
- Technical features of light fixtures in compliance with EN60598-1.
- Installation must be carried out by specialised personnel.
- Carefully follow the instructions.



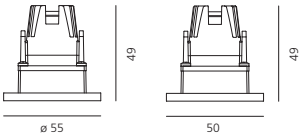
Zeno Up 2 Frosted

LED CRI = 80(min)			
W	Weight	Flux	CCT
2 W	0,30 kg	22 lm	3000K
		24 lm	4000K

Round	Square
Code	Code
NL17088K0	NL17089K0
NL17088W0	NL17089W0

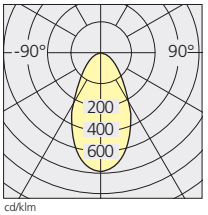
Driver	Vac	Lmm	Wmm	Hmm	IP	n°device		
cc 10W 700mA	220-240	75	38	22		1min-4max	Non dimmable	NL19035

IP40



ø48 | 38 x 36

Zeno Up 2 Frosted	LED		luminaire	
Power	2 W	2 W	2 W	2 W
Flux	168 lm	180 lm	22 lm	24 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance	MacAdam 4SDCM			
Service life	L70(6K) > 39300h			
Beam			56°	56°
Efficiency			13%	13%
Efficacy	80 lm/W	86 lm/W	10 lm/W	11 lm/W



cd/klm

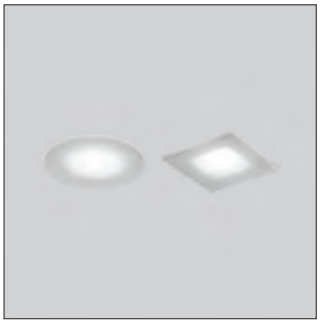
2 W	3000 K				α=56°	4000 K				α=56°
	H m	Ø m	EMax lux	EM lux		H m	Ø m	EMax lux	EM lux	
	1	1,07	17	9		1	1,07	19	10	
	2	2,14	4	2		2	2,14	5	2	
	3	3,21	2	1		3	3,21	2	1	
	4	4,27	1	1		4	4,27	1	1	
	5	5,34	1	0		5	5,34	1	0	

Zeno Up 3 Frosted

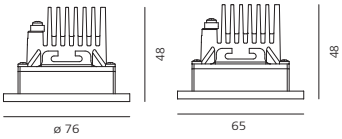
LED CRI = 80(min)			
W	Weight	Flux	CCT
5 W	0,30 kg	138 lm	3000K
		147 lm	4000K

Round	Square
Code	Code
NL17090K0	NL17091K0
NL17090W0	NL17091W0

Driver	Vac	Lmm	Wmm	Hmm	IP	n°device		
cc 8W 500mA slim	220-240	22	110	19		1max	Non dimmable	NL19041

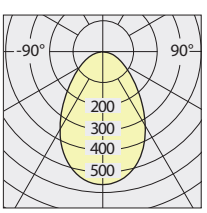


IP40



ø70 | 56 x 52

Zeno Up 3 Frosted	LED		luminaire	
Power	5 W	5 W	5 W	5 W
Flux	384 lm	408 lm	138 lm	147 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance	MacAdam 4SDCM			
Service life	L70(6K) > 39300h			
Beam			76°	76°
Efficiency			36%	36%
Efficacy	80 lm/W	85 lm/W	29 lm/W	31 lm/W



cd/klm

5 W	3000 K				α=76°	4000 K				α=76°
	H m	Ø m	EMax lux	EM lux		H m	Ø m	EMax lux	EM lux	
	1	1,54	75	33		1	1,54	80	35	
	2	3,08	19	8		2	3,08	20	9	
	3	4,62	8	4		3	4,62	9	4	
	4	6,16	5	2		4	6,16	5	2	
	5	7,70	3	1		5	7,70	3	1	

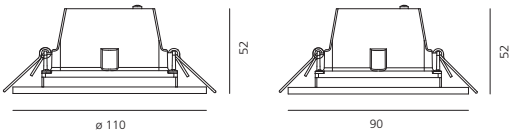
Zeno Up 4 Frosted

LED CRI = 80(min)

W	Weight	Flux	CCT	Round Code	Square Code
10 W	0,30 kg	464 lm	3000K	NL17092K0	NL17093K0
		496 lm	4000K	NL17092W0	NL17093W0

Driver	Vac	L_{mm}	W_{mm}	H_{mm}	IP	n°device		
cc 20W 700mA	220-240	125	38	23		1max	Non dimmable	NL19036

IP40

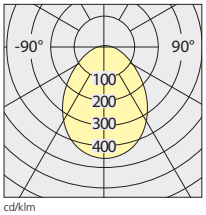


ø103

79 x 79

Zeno Up 4 Frosted	LED		luminaire	
Power	8,5 W	8,5 W	8,5 W	8,5 W
Flux	773 lm	827 lm	464 lm	496 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance	MacAdam 4SDCM			
Service life	L70(6K) > 39300h			
Beam			87°	87°
Efficiency			60%	60%
Efficacy	91 lm/W	97 lm/W	54,5 lm/W	58,3 lm/W

10 W



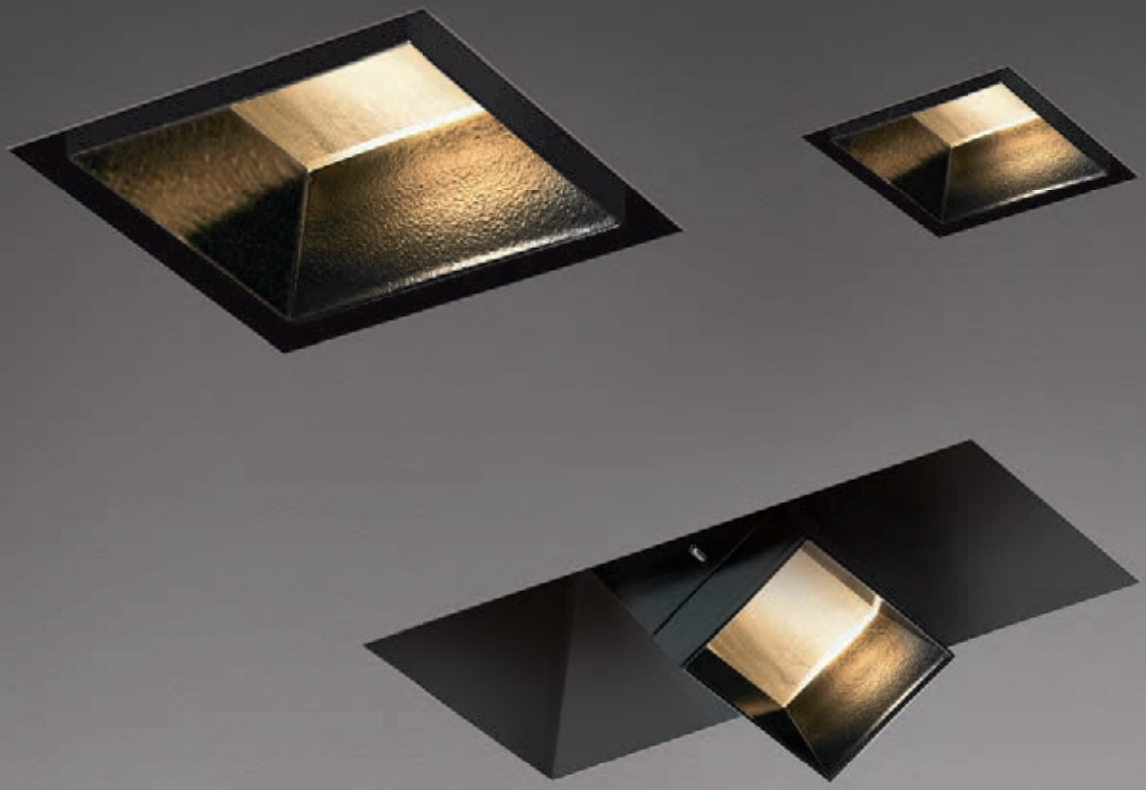
cd/klm

3000 K α=87°				4000 K α=87°			
H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	1,91	214	81	1	1,91	228	87
2	3,81	53	20	2	3,81	57	22
3	5,72	24	9	3	5,72	25	10
4	7,62	13	5	4	7,62	14	5
5	9,53	9	3	5	9,53	9	3

Hide

Jan Van Lierde
2012

- Light fixture with high-performance LED light sources.
- Ceiling installation.
- Consists of: housing, body, frame.
- Housing in extruded aluminium (available separately).
- Body in extruded aluminium.
- Frame in injection-mould of plastic, painted.
- White monochromatic LEDs available in 2 colour temperatures:
  Warm = 3000K
  Neutral = 4000K
- Electrical connection to driver by means of a 2-wire FEP-FEP cable.
- Remote driver.
- IP Rating IP20.
- Insulation class III.
- Technical features of light fixtures in compliance with EN60598-1.
- Installation must be carried out by specialised personnel.
- Carefully follow the instructions.



Hide R1

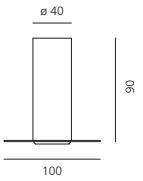
White ○ Black ●

LED CRI = 80(min)

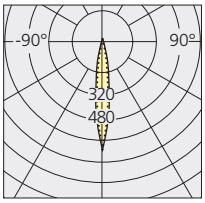
W	Weight	Beam	Flux	CCT	Color	Code
1,4 W	0,40 kg	10°	31 lm	3000K	●	NL1734010K004
					○	NL1734010K006
			46 lm	4000K	●	NL1734010W004
					○	NL1734010W006

Driver	Vac	L_{mm}	W_{mm}	H_{mm}	n°device		
cc 8W 500mA	220-240	22	110	19	1min-5max	Non dimmable	NL19041
Recessing box							NL17345H004

IP20 ⟐ CE ⌀55 +-2 mm



1,4 W 3000 K α=10°



cd/klm

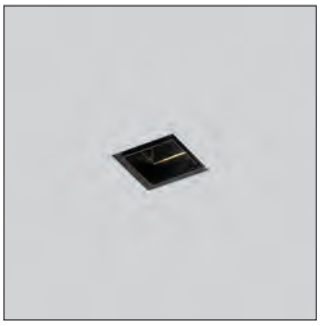
H m	ØC0 m	ØC90 m	E lux
0,5	0,13	0,10	69
1,0	0,25	0,20	17
1,5	0,38	0,30	8
2,0	0,51	0,40	4
2,5	0,63	0,50	3
3,0	0,76	0,60	2

Hide S1

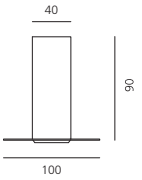
LED CRI = 80(min)

W	Weight	Beam	Flux	CCT	Color	Code
1,4 W	0,40 kg	10°	31 lm	3000K	●	NL1735010K004
					○	NL1735010K006
			46 lm	4000K	●	NL1735010W004
					○	NL1735010W006

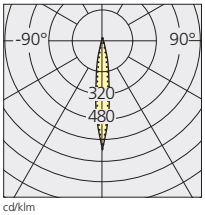
Driver	Vac	L_{mm}	W_{mm}	H_{mm}	n°device		
cc 8W 500mA	220-240	22	110	19	1min-5max	Non dimmable	NL19041
Recessing box							NL17345H004



IP20 ⟐ CE 55 x 55 +-2 mm



1,4 W 3000 K α=10°



cd/klm

H m	ØC0 m	ØC90 m	E lux
0,5	0,13	0,10	69
1,0	0,25	0,20	17
1,5	0,38	0,30	8
2,0	0,51	0,40	4
2,5	0,63	0,50	3
3,0	0,76	0,60	2

Hide R2

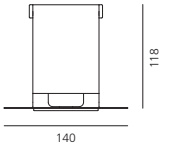
White ○ Black ●

LED CRI = 80(min)

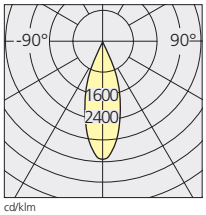
W	Weight	Beam	Flux	CCT	Color	Code
8,5 W	0,80 kg	18°	564 lm	3000K	●	NL1736218K004
					○	NL1736218K006
			673 lm	4000K	●	NL1736218W004
					○	NL1736218W006
		34°	564 lm	3000K	●	NL1736234K004
					○	NL1736234K006
			673 lm	4000K	●	NL1736234W004
					○	NL1736234W006

Driver	Vac	Lmm	Wmm	Hmm	n°device		
cc 20W 700mA	220-240	125	38	23	1min-2max	Non dimmable	NL19036
Recessing box							NL17345H004

IP20 CE ⌀90 +-2 mm



8,5 W 3000 K α=18°



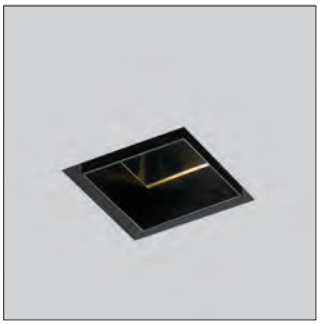
cd/klm

H m	ØC0 m	E lux
0,5	0,29	7420
1,0	0,58	1855
1,5	0,88	824
2,0	1,17	464
2,5	1,46	297
3,0	1,75	206

Hide S2

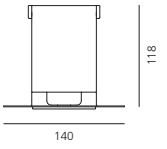
LED CRI = 80(min)

W	Weight	Beam	Flux	CCT	Color	Code
8,5 W	0,80 kg	18°	564 lm	3000K	●	NL1736318K004
					○	NL1736318K006
			673 lm	4000K	●	NL1736318W004
					○	NL1736318W006
		34°	564 lm	3000K	●	NL1736334K004
					○	NL1736334K006
			673 lm	4000K	●	NL1736334W004
					○	NL1736334W006

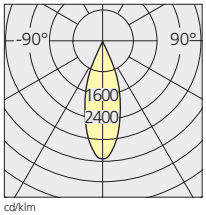


Driver	Vac	Lmm	Wmm	Hmm	n°device		
cc 20W 700mA	220-240	125	38	23	1min-2max	Non dimmable	NL19036
Recessing box							NL17345H004

IP20 CE 90 x 90 +-2 mm



8,5 W 3000 K α=18°



cd/klm

H m	ØC0 m	E lux
0,5	0,29	7420
1,0	0,58	1855
1,5	0,88	824
2,0	1,17	464
2,5	1,46	297
3,0	1,75	206

Salt Beyoğlu, İstanbul – TR

Hide R1 Adjustable

White ○ Black ●

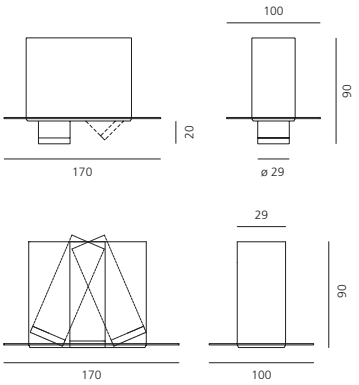
LED CRI = 80(min)

W	Weight	Beam	Flux	CCT	Color	Code	Recessed Code
1,4 W	0,60 kg	10°	31 lm	3000K	●	NL1734110K004	NL1754010K004
					○	NL1734110K006	NL1754010K006
			46 lm	4000K	●	NL1734110W004	NL1754010W004
					○	NL1734110W006	NL1754010W006

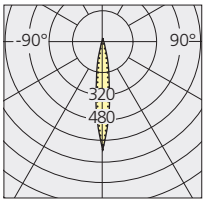
Driver	Vac	L_{mm}	W_{mm}	H_{mm}	n°device		
cc 8W 500mA	220-240	22	110	19	1min-5max	Non dimmable	NL19041
Recessing box					●		NL17346H004
					○		NL17346H006
Recessing box for recessed version					●		NL17541H004
					○		NL17541H006

IP20 CE

55 x 115
+-2 mm



1,4 W 3000 K



cd/klm

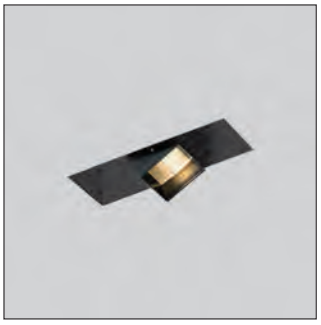
H m	ØC0 m	ØC90 m	E lux
0,5	0,13	0,10	69
1,0	0,25	0,20	17
1,5	0,38	0,30	8
2,0	0,51	0,40	4
2,5	0,63	0,50	3
3,0	0,76	0,60	2

Hide S1 Adjustable

LED CRI = 80(min)

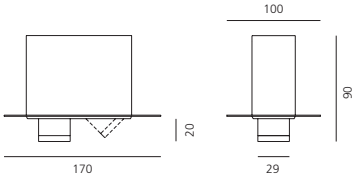
W	Weight	Beam	Flux	CCT	Color	Code
1,4 W	0,60 kg	10°	31 lm	3000K	●	NL1735110K004
					○	NL1735110K006
			46 lm	4000K	●	NL1735110W004
					○	NL1735110W006

Driver	Vac	L_{mm}	W_{mm}	H_{mm}	n°device		
cc 8W 500mA	220-240	22	110	19	1min-5max	Non dimmable	NL19041
Recessing box					●		NL17346H004
					○		NL17346H006

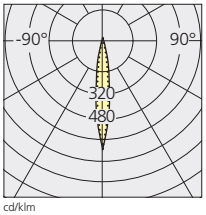


IP20 CE

55 x 155
+-2 mm



1,4 W 3000 K



cd/klm

H m	ØC0 m	ØC90 m	E lux
0,5	0,13	0,10	69
1,0	0,25	0,20	17
1,5	0,38	0,30	8
2,0	0,51	0,40	4
2,5	0,63	0,50	3
3,0	0,76	0,60	2

Hide R1L

White ○ Black ●

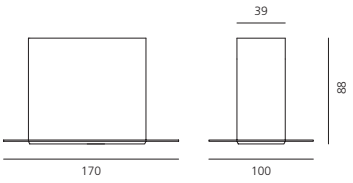
LED CRI = 80(min)

W	Weight	Beam	Flux	CCT	Color	Code
4,2 W	0,60 kg	10°	93 lm	3000K	●	NL1734210K004
					○	NL1734210K006
			138 lm	4000K	●	NL1734210W004
					○	NL1734210W006

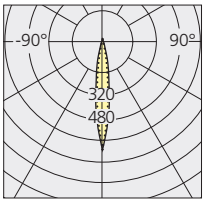
Driver	Vac	Lmm	Wmm	Hmm	n°device		
cc 8W 500mA	220-240	22	110	19	1max	Non dimmable	NL19041
Recessing box							NL17345H004

IP20 CE

55 x 115
+-2 mm



4,2 W 3000 K



cd/klm

H m	ØC0 m	ØC90 m	E lux
0,5	0,13	0,10	207
1,0	0,25	0,20	51
1,5	0,38	0,30	24
2,0	0,51	0,40	12
2,5	0,63	0,50	9
3,0	0,76	0,60	6

Hide S1L

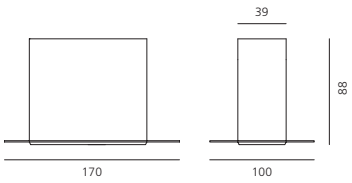
LED CRI = 80(min)

W	Weight	Beam	Flux	CCT	Color	Code
4,2 W	0,60 kg	10°	93 lm	3000K	●	NL1735210K004
					○	NL1735210K006
			138 lm	4000K	●	NL1735210W004
					○	NL1735210W006

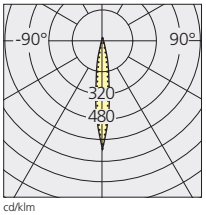
Driver	Vac	Lmm	Wmm	Hmm	n°device		
cc 8W 500mA	220-240	22	110	19	1max	Non dimmable	NL19041
Recessing box							NL17345H004

IP20 CE

55 x 155
+-2 mm



4,2 W 3000 K



cd/klm

H m	ØC0 m	ØC90 m	E lux
0,5	0,13	0,10	207
1,0	0,25	0,20	51
1,5	0,38	0,30	24
2,0	0,51	0,40	12
2,5	0,63	0,50	9
3,0	0,76	0,60	6

Professional Lighting

298 Algoritmo
358 Nothing 86
390 Incipit
396 Eggboard
410 Pad System
418 Grafa
436 Gradian
442 Uglare19
446 Chocolate
460 Esprit
468 Surf
480 Kalifa
502 Talo
508 Nota Bene

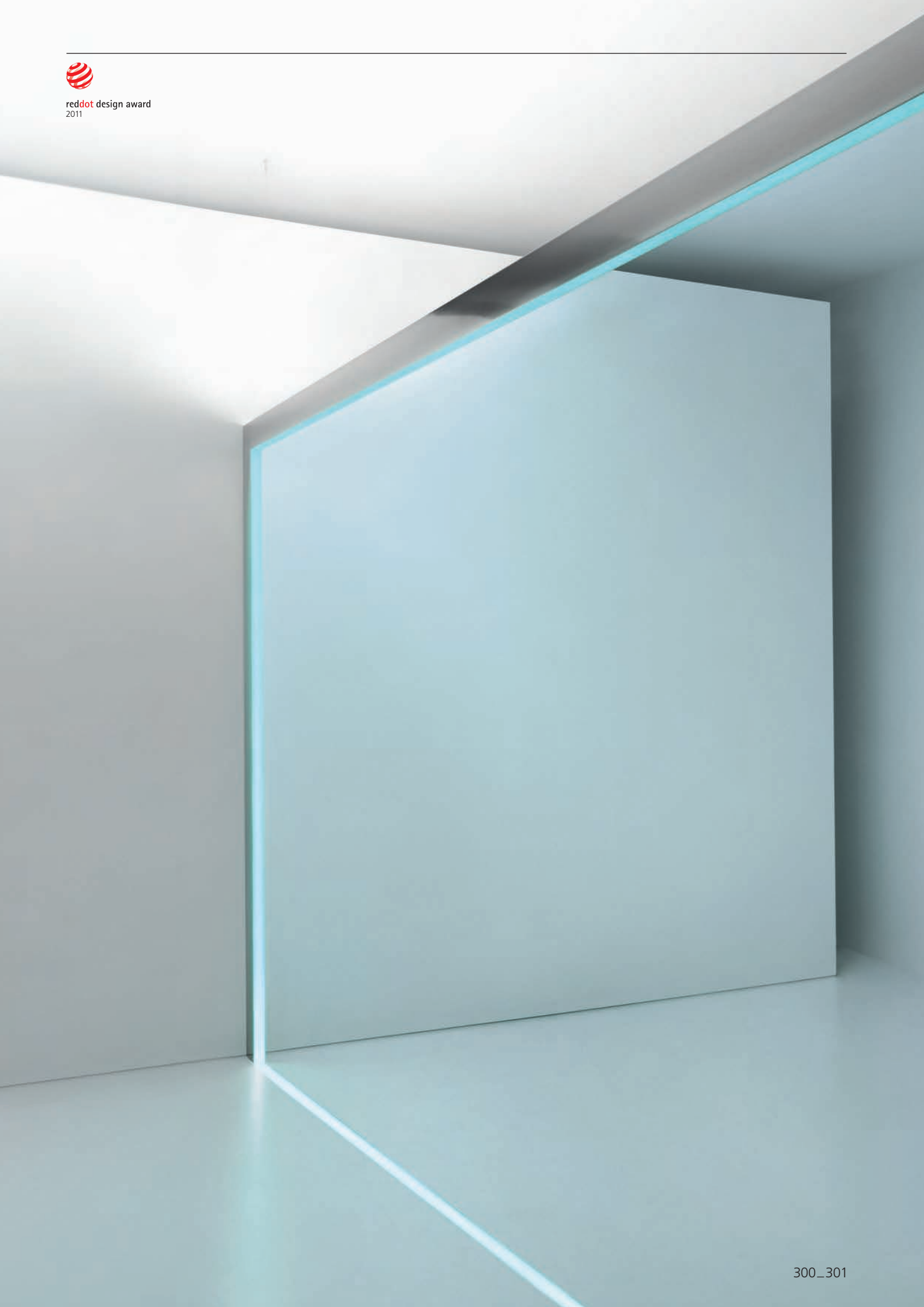
Algoritmo

Carlotta de Bevilacqua
Paola di Arianello
2010

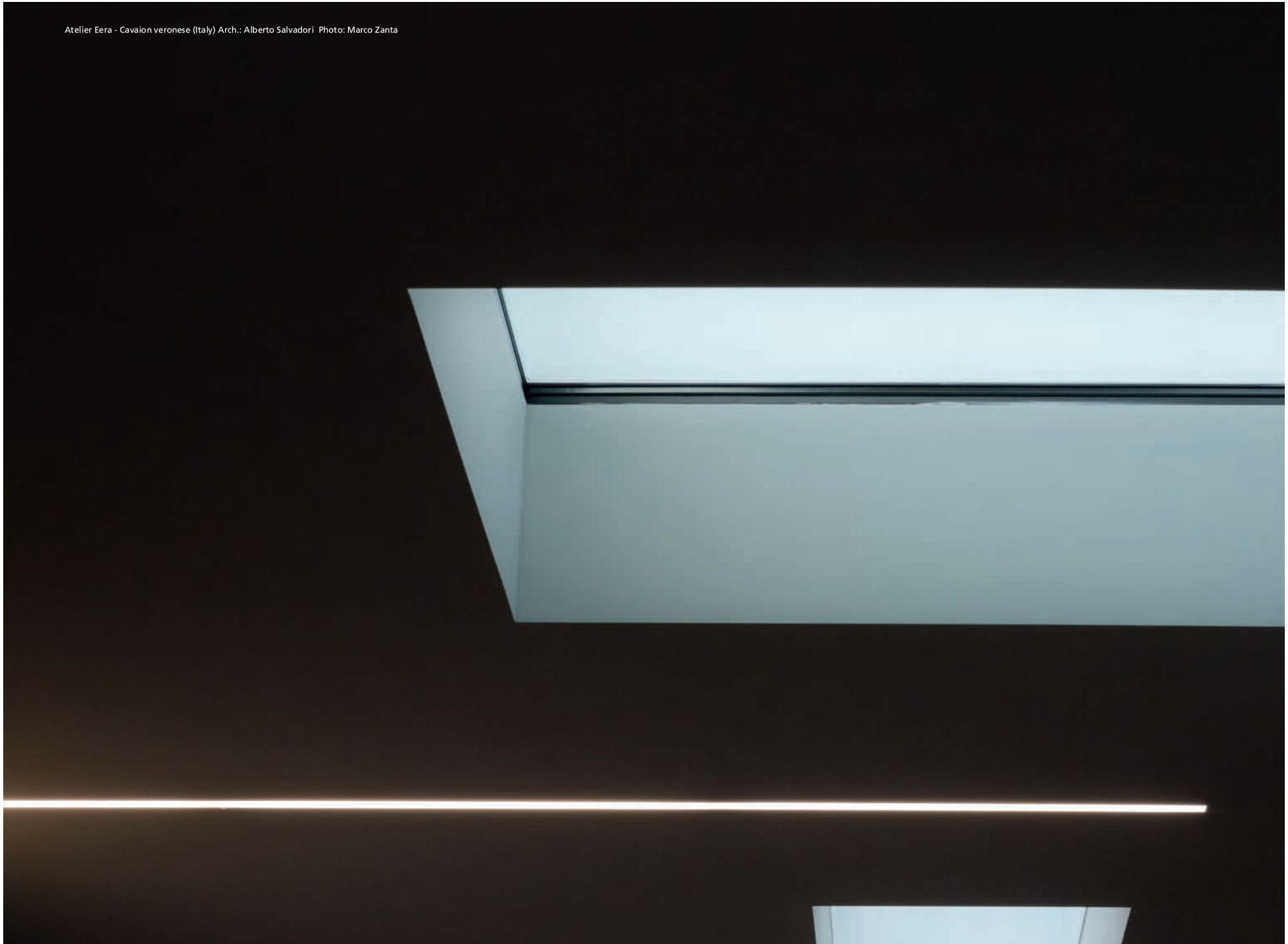
Algoritmo

Carlotta de Bevilacqua
Paola di Arianello
2010

Algoritmo is an innovative system giving a new method of lighting through an integrated, dynamic dialogue with architecture.
Light becomes a constructive element and an open system, creating different perspectives and functional identities in the space.
5 lighting performances are included in a single, extruded aluminium body: ambient lighting, directional lighting and accent lighting. The versatility of this system enables different lighting configurations to be created without any interruptions and discontinuities between the floor, wall, ceiling and internal space. It is possible to create lines and corners of continuous light on the same plane or at a 90 degree angle. Defined, thin lines are created by the two light sources, fluorescent (white light with different colour temperatures) and LED (dynamic RGB and white light). This makes Algoritmo the perfect architectural
system for multiple spaces: home, office, hospitality, retail, museum.Different installation options – surface recessed, surface mounted, suspended – allow an infinite choice of lighting solutions for every style of architecture.



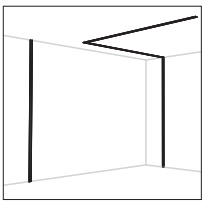
Atelier Eera - Cavaion veronese (Italy) Arch.: Alberto Salvadori Photo: Marco Zanta



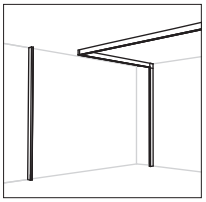
Algoritmo Installation

Algoritmo Floor
floor recessed

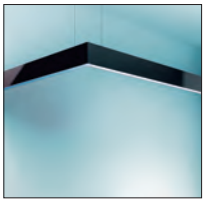
Algoritmo System
wall- or ceiling recessed

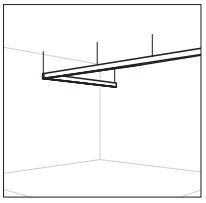


Algoritmo System
Wall/ceiling surface-mounted configurations, linear or at a 90 degree angle.

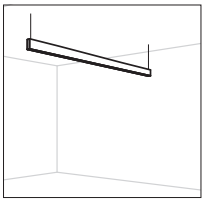


Algoritmo System
Linear or at a 90 degree angle installations.

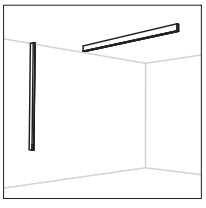


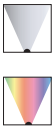
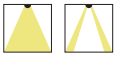
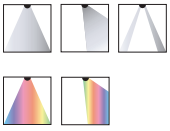
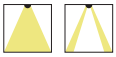
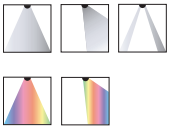
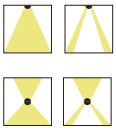
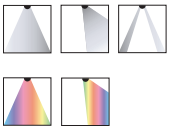
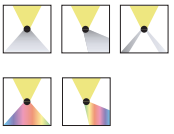
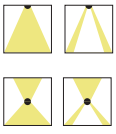
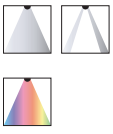
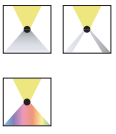
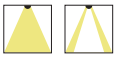
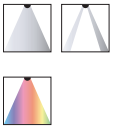


Algoritmo Stand-alone
Suspension

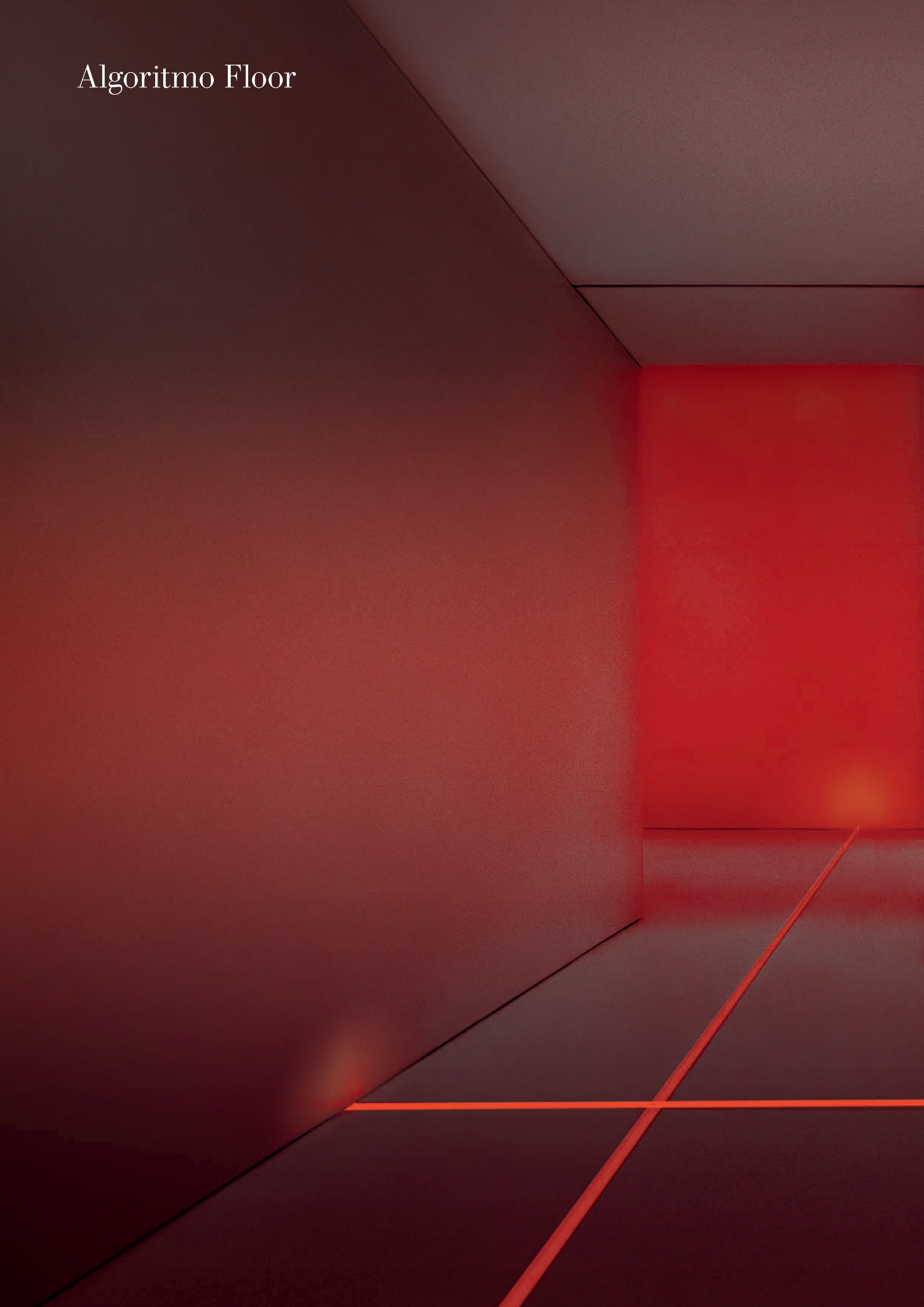


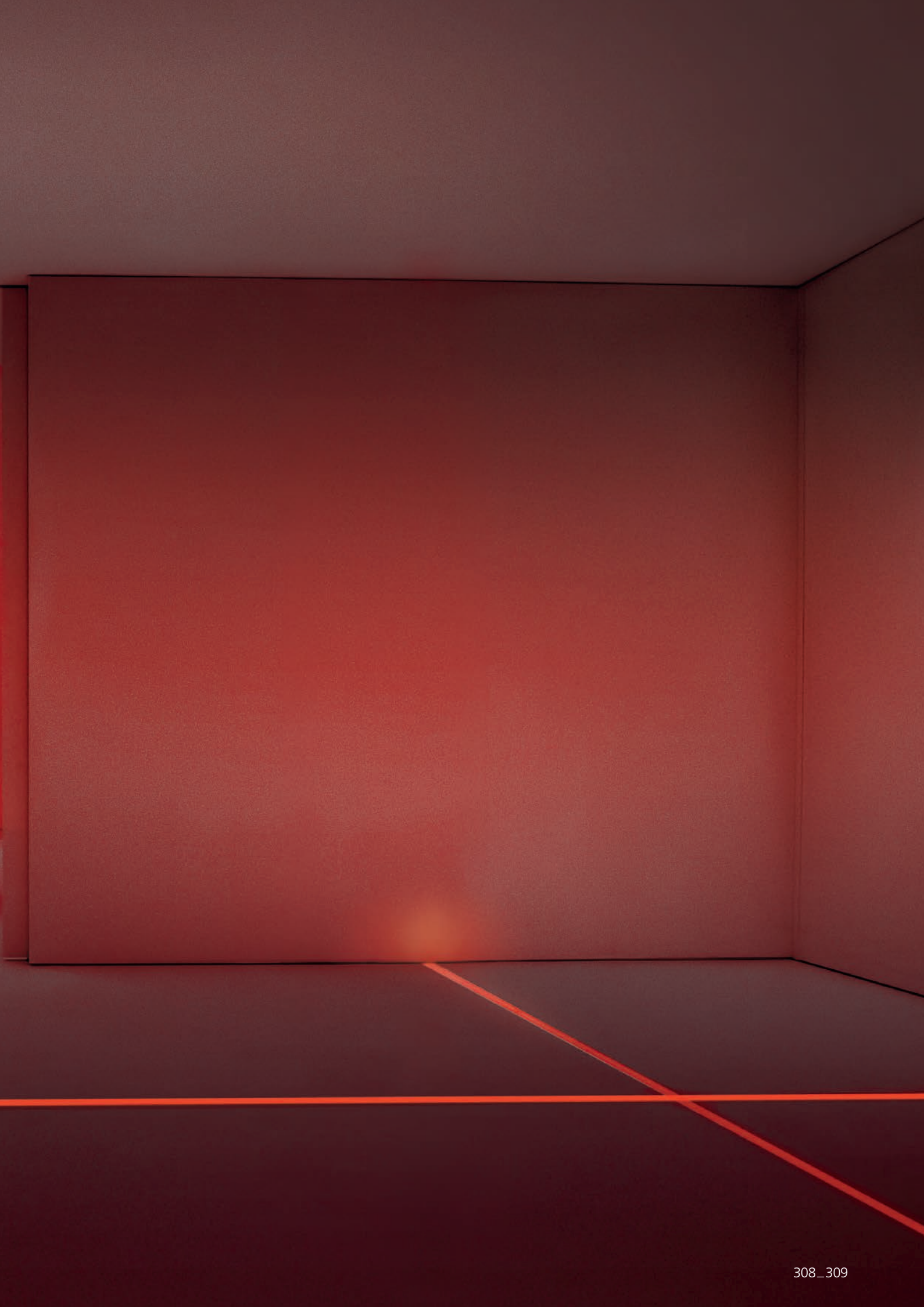
Algoritmo Stand-alone
Surface-mounted ceiling installation.



Fluorescent emission	LED/RGB LED emission	LED/RGB LED emission + fluorescent indirect	Accent lighting	
				Indirect emission, white or RGB diffused LED.
				Diffused or dark light fluorescent emission. Direct emission white or RGB LED, diffused or wall washer. Direct emission white LED prismoptic and controlled emission Accent lighting.
				Diffused or dark light fluorescent emission. Direct emission white or RGB LED, diffused or wall washer. Direct emission white LED dark light. Direct emission white or RGB LED, diffused or wall washer + fluorescent indirect emission. Accent lighting.
				Diffused or dark light fluorescent direct emission. Direct emission white or RGB LED, diffused or wall washer. Direct emission white LED prismoptic and controlled emission. Accent lighting. Indirect emission white LED (only in combination with direct controlled emission).
				Diffused or dark light fluorescent direct emission. Direct emission white or RGB LED, diffused or wall washer. Indirect emission white LED (only in combination with direct controlled emission).
				Diffused or dark light fluorescent emission. Direct emission white or RGB LED, diffused. Direct emission white LED, controlled and prismoptic.

Algoritmo Floor

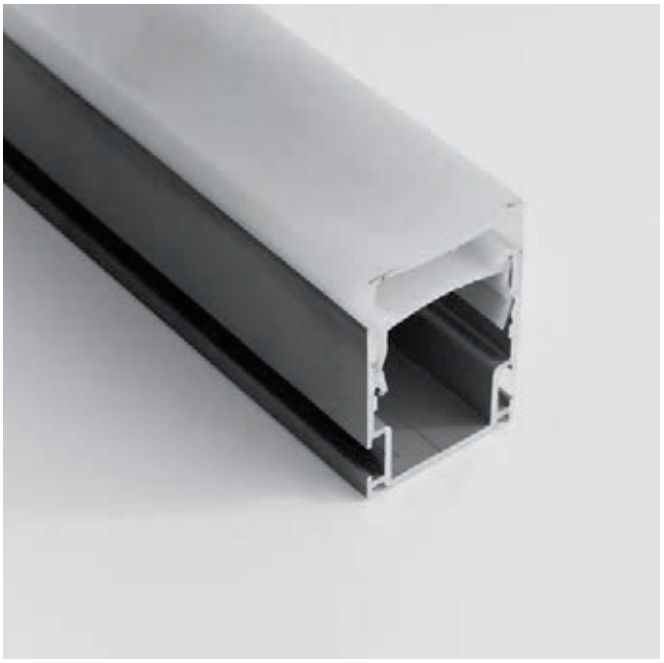




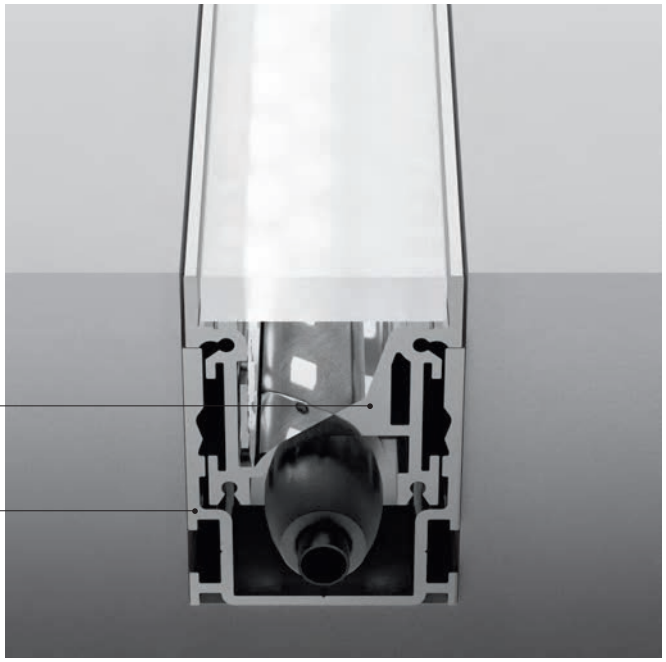
Algoritmo Floor Components

- Algoritmo floor is a floor recessed-mounted LED lighting system designed to create narrow, light lines.
- Ideal to structure spaces, draw borders within architecture or create orientation lighting.
- IP67. Available only for indoor use.
- System including RGB LED body lamps, available as monochromatic warm or neutral white, and a recessing profile.
- The extremely compact dimensions allow a minimal visual impact on the architecture.
- Light fitting in extruded aluminium with anodised finish, sealed by an 8-mm thick diffuser in tempered glass.
- Available in 3 lengths: 600 mm, 900 mm, 1200 mm.
- Power supply and light management system to be ordered separately.
- Recessing profile in extruded aluminium to be ordered separately.
- Available in two lengths (1300 and 4900 mm), to be cut on site to the required configuration.
- Static load resistance: 5000 n.
- Lighting unit provided with quick-connector system for easy bridging connection.
- A proprietary low tension bus enables long distances to be covered without additional electrical supply.
- Not suitable for wall or ceiling installation.
- Complies with standard EN60598-1 and other specific standards.

Recessing profile +



Recessing profile
in extruded aluminium.
To be cut on site
to the required dimension.
Length 1300 mm
Length 4900 mm



Recessing components +

End caps (set of 2).

Fixing brackets (set of 4).

Straight mechanical connector (set of 2).

Body lamps +

White LED body lamp.
LV integrated through-wiring.

RGB LED body lamp.
LV integrated through-wiring.

Cables Electrical components +

Power supply cable set.
Consists of one power supply cable (3x0.75mm^2) + 1 blanking plug for sealing the last luminaire of the row.

Extension cable
3x 0.75 mm^2.

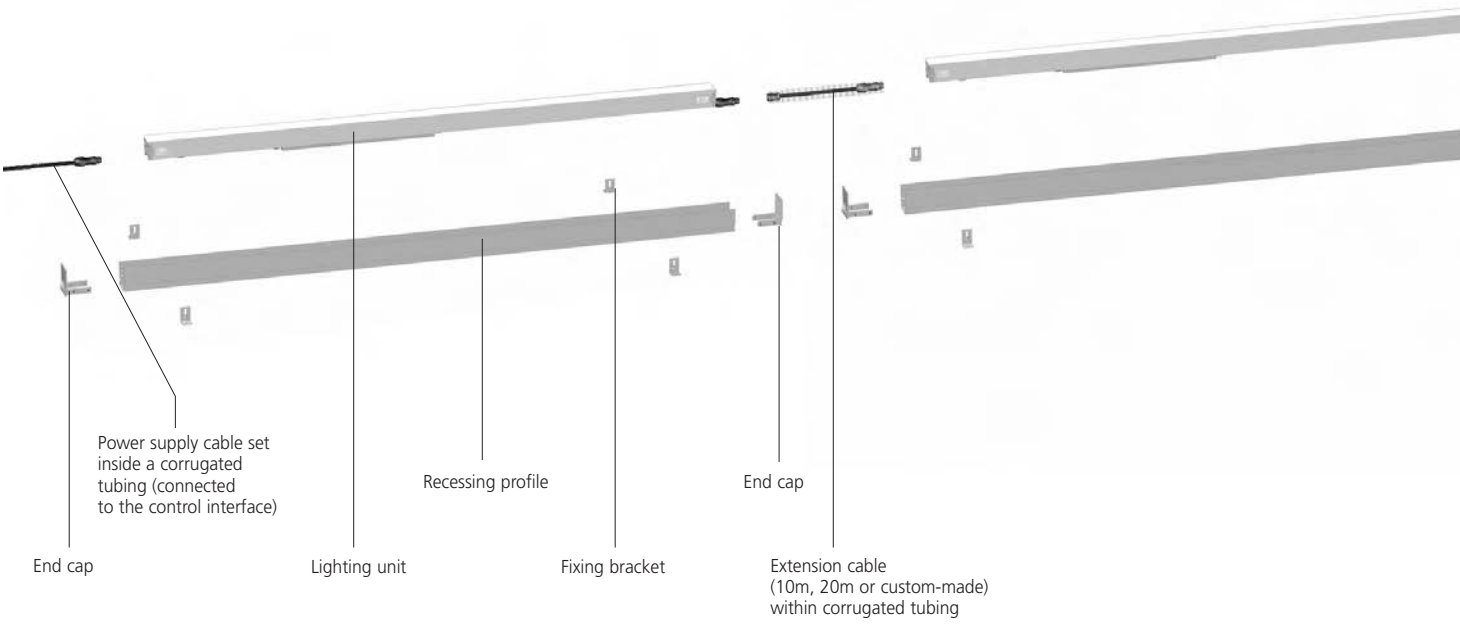
Electrical connector*
for coupling wall-surface mounted LED modules of ALGORITMO SYSTEM LED RGB with floor-recessed modules of ALGORITMO FLOOR, powered through the same shared electrical circuit*
Only for RGB LED.

Power supplies and control systems

Electronic power supply IP67.

Control interface:
IP20 and IP67.
Allows management of multiple RGB (LV) Algoritmo System and/or Algoritmo Floor.

Algoritmo Floor Installation



Single lighting units, or the lighting units starting and ending a row can be 900 or 1200 mm, but never 600 mm.

~~600 mm~~
900 mm
1200 mm

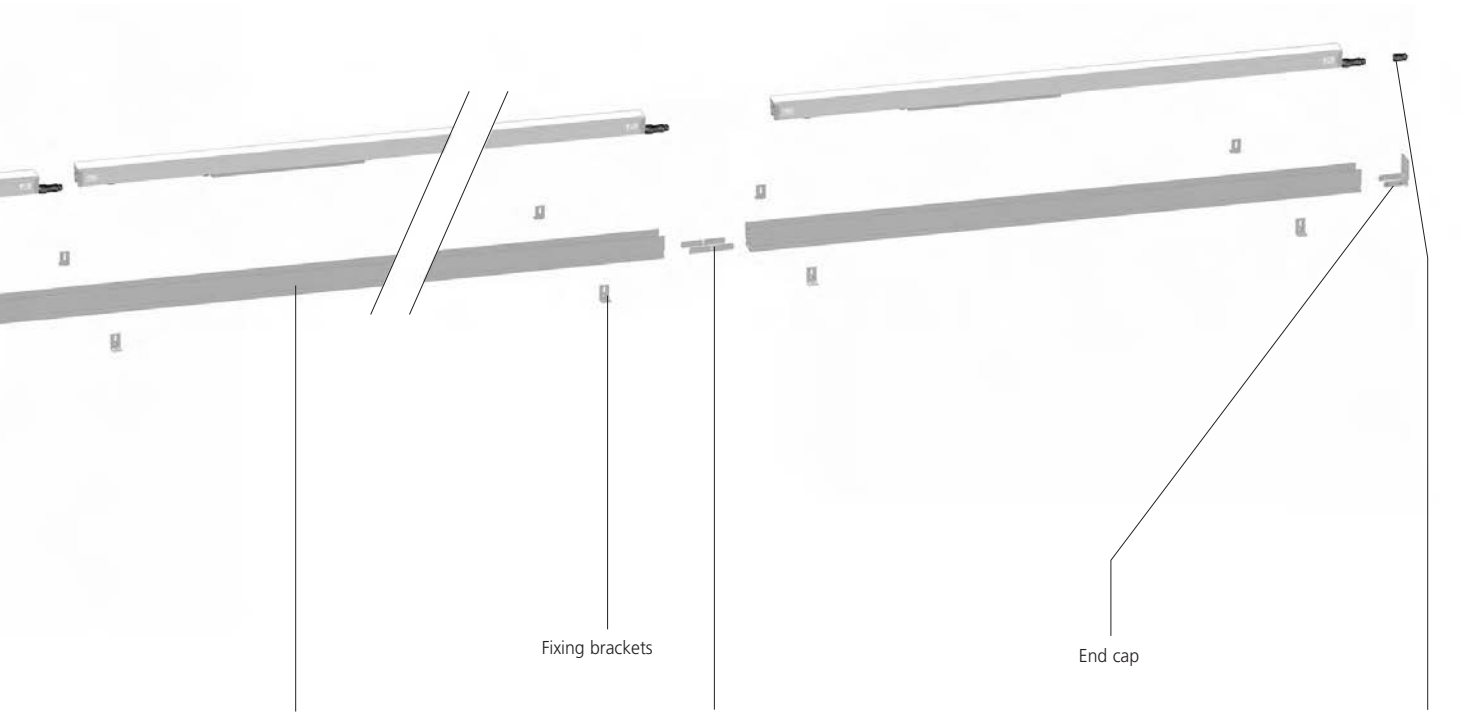
~~600 mm~~
900 mm
1200 mm

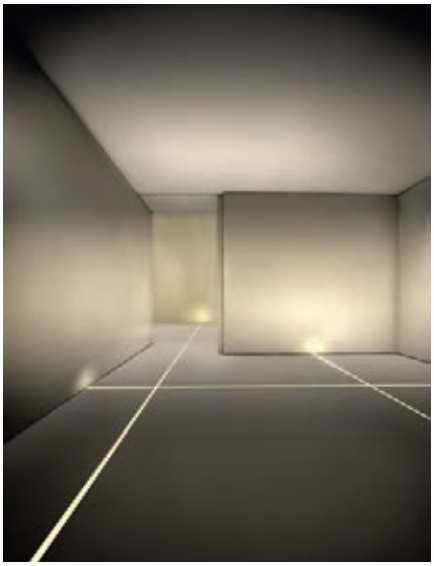
600 mm
900 mm
1200 mm

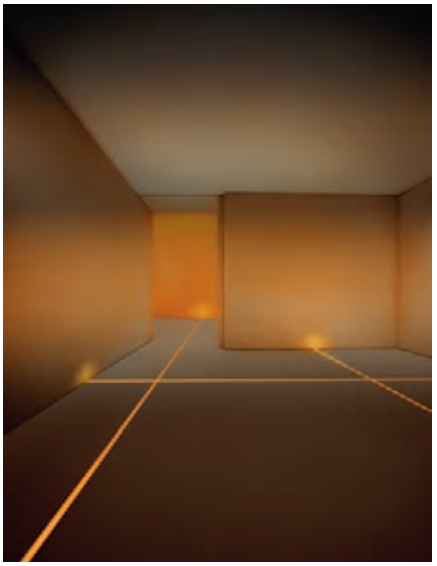
600 mm
900 mm
1200 mm

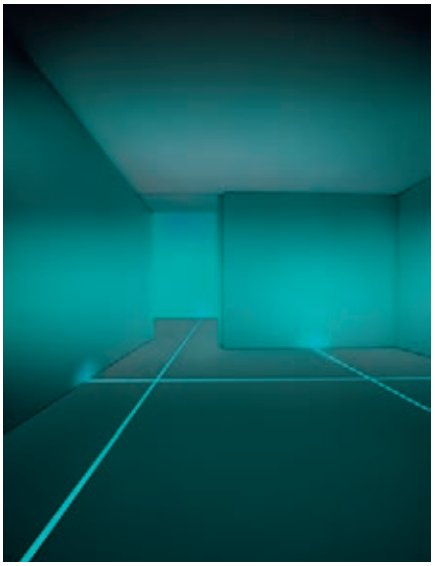
600 mm
900 mm
1200 mm

~~600 mm~~
900 mm
1200 mm


Recessing profile cut on site
to the required dimension
Fixing brackets
Straight connector
End cap
Blanking plug
(provided with
the supply cable set)



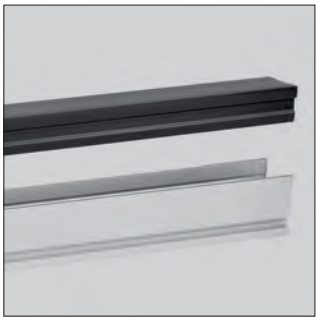




Algoritmo Floor white LED

Recessing unit

Length	Code
1300 mm	M221000
4900 mm	M221100



Can be custom cut

Body lamp

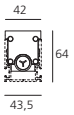
LED White

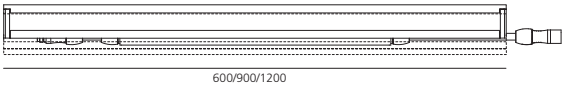
W (LED)	Length	Weight	Flux	CCT	Code
5 W	600 mm	1,30 kg	78 lm	3000 K	M220300
		1,30 kg	85 lm	4000 K	M220400
7,5 W	900 mm	1,90 kg	103 lm	3000 K	M220500
		1,90 kg	113 lm	4000 K	M220600
10 W	1200 mm	2,50 kg	155 lm	3000 K	M220700
		2,50 kg	170 lm	4000 K	M220800

LV integrated through-wiring.
Power supply and light management system to be ordered separately.

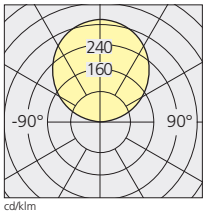
IP67 **IK**08
850°

Maximum load 5000N





Algoritmo Floor Led	LED direct		luminaire direct		9 W
Power	10 W	10 W	10 W	10 W	
Flux	720 lm	780 lm	155 lm	170 lm	
CCT	3000 K	4000 K	3000 K	4000 K	
CRI	=80 (typ.)				
Color tolerance	MacAdam 4SDCM				
Service life	L70(6K) > 36000h				
Efficiency			22%	22%	
Efficacy	72 lm/W	78 lm/W	15 lm/W	17 lm/W	



Values for luminaire body L 1200 mm.

Body lamp

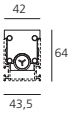
LED RGB

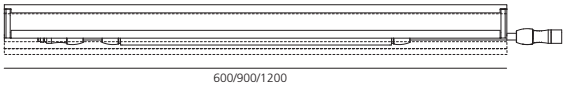
W(LED)	Length	Weight	Code
9 W	600 mm	1,30 kg	M220000
13,5 W	900 mm	1,90 kg	M220100
18 W	1200 mm	2,50 kg	M220200

LV integrated through-wiring.
Power supply and light management system to be ordered separately.

IP67 **IK**08
850°

Maximum load 5000N

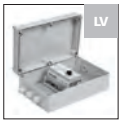




Power supply / light management system for LED

Electronic power supply
IP67.
Input voltage range:
90-264VAC / 47-63 VDC.
Output voltage: 48 VDC. Protection against overcurrent, overvoltage, short-circuit and overtemperature, with automatic restart.

	Code
100 W To supply up to a total 90 W. 220x68x38 mm.	M075000
240 W To supply up to a total 225 W. 244x68x39 mm.	M075100
320 W To supply up to a total 300 W. 252x90x44 mm.	M076100



IP67

IP20

Control interface
For managing groups of Algoritmo System and/or Algoritmo Floor lighting units. Integrated sequencer for stand-alone operation with predefined colour sequence. Possibilty of master-slave configuration.
DALI or DMX light management systems are not included.

	Code
IP67. Compatible DALI-Switch Dimm 310x168x90 mm.	M077000
IP67. Compatible DALI-Switch Dimm or DMX. 310x168x90 mm.	M077100
IP20. Compatible DALI-Switch Dimm Suitable for DIN rail mounting. 106x90x70 mm.	M077200
IP20. Compatible DALI-Switch Dimm or DMX. Suitable for DIN rail mounting. 106x90x70 mm.	M077300

For electrical diagram, please see page 346

Electrical components

Power supply cable set.
Consists of one 5m-long power supply cable (3x0,75mm²) to connect the first luminaire to the control interface, + 1 blanking plug to seal the last luminaire of the row.

	Code
Length 5m.	M221600
Length 10m.	M222000
Length 15m.	M222100

Extension cable
3x0,75mm².

	Code
Length 10m.	M221700
Length 20m.	M221800

Electrical connector
To couple wall-surface and wall-recessed mounted led modules of algoritmo system LED RGB (lv) with floor-recessed modules of algoritmo floor (lv), powered through the same shared electrical circuit.

Code: M221900

Connection components and formwork finish

End cap (set of 2) in aluminium.

Code: M221300

Fixing bracket (set of 4) in stainless steel.
Can slide along the profile.
Height adjustment ranging 22mm.

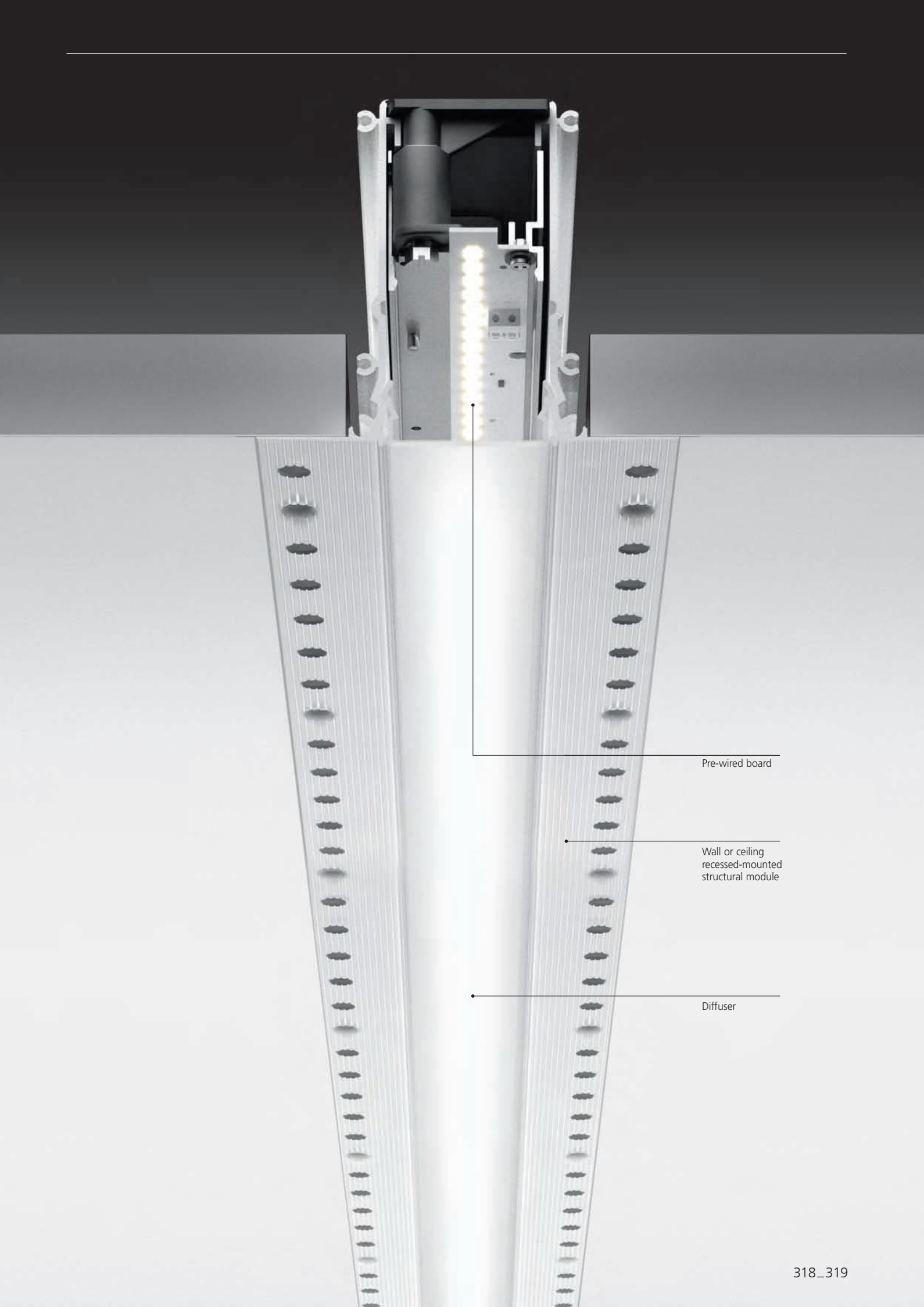
Code: M221400

Straight mechanical connector (set of 2) in stainless steel.
For the mechanical connection of the recessing profiles.

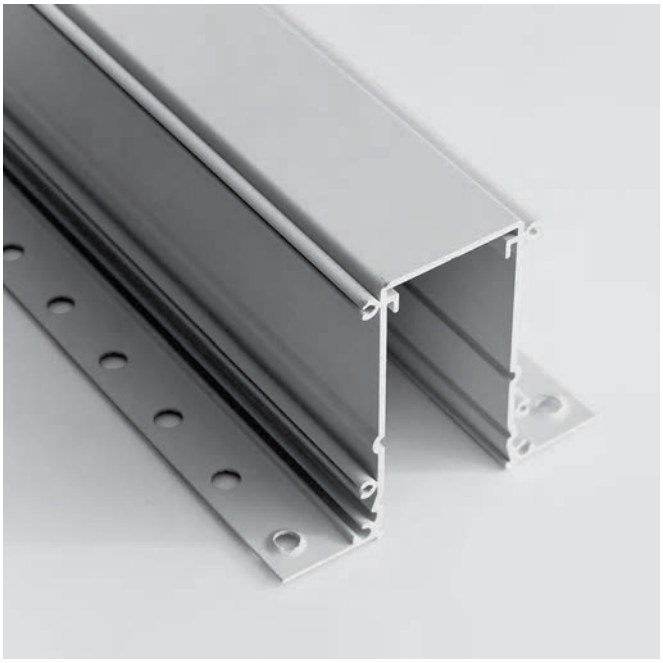
Code: M221500

Algoritmo System

Algoritmo System


Pre-wired board
Wall or ceiling recessed-mounted structural module
Diffuser

Structural module +



- Wall- or ceiling- recessed mounted modular system.
- Algoritmo system is particularly flexible; it allows different lighting solutions to be coupled through the same shared electrical system. Fluorescent diffused or dark light version, LED diffused or wall washer in warm (3000 K) or neutral white (4000 K), RGB LED, LED controlled and prismoptic, accent lighting.
- Installation in line or at a 90° angle.
- Algoritmo system is composed of:
- Structural modules in extruded aluminium, available in different lengths depending on the installation option and 2 finishes, white or gloss anodised.
- Gear plates with through-wiring and rapid connectors.
- Supplementary through-wiring with rapid connection.
- Optical systems: diffusers, dark light optics for fluorescent version, controlled optics for LED, wall washer optics for led, 3 white led monochromatic projectors (pad, pad square and 37 cube).
- End caps and joints.
- Supplying cables.
- Pre-cabled white LED (MV) plates equipped with electronic or electronic dimmerable driver (Dali-Switchdim). Pre-cabled RGB LED (LV) plates.
- Fluorescent gear plates with electronic or 'multiwatt' dimmable electronic supplyer 28/54w (Dali-SwitchDim). T16 seamless tubes to be ordered separately.
- Power supply and led management systems (LV) to be ordered separately.
- Compliant with standard EN60598-1 and other specific standards.

Structural module for ceiling- or wall-recessed installation.
Trimless finish, where installation requires a finish coat of plaster.
End caps, angles, gear plates and optics unit available separately.

Junction components +

End caps.

90° angle to connect two recessed modules on the same plane.

Pre-wired gear plates +

Pre-wired gear tray for white LED diffused and wall washer.
MV through-wiring included.

Pre-wired gear tray for fluorescent tubes T16-SLS.
MV through-wiring included.

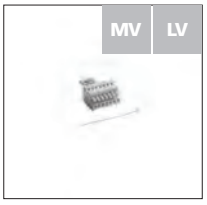
Pre-wired gear tray for RGB LED diffused.
LV through-wiring included.

Pre- wired gear tray for white LED dark light.
MV through-wiring included.

Pre-wired gear tray for accent lighting unit.
PAD, PAD square and 37 Cube to be ordered separately.
MV through-wiring included.

Electrical Components +

Optional through-wiring.
To be used with mixed installations combining LV and MV pre-wired gear trays.



Power supply kit.

Electrical connector*
to couple Algoritmo LED System (LV) with wall- and floor- recessed modules of Algoritmo Floor (LV), powered through the same shared electrical circuit.

*Only for RGB LED

Optical systems +

Opal polycarbonate diffuser for white LED and diffused RGB versions.

Dark Light optics
for fluorescent versions.

Controlled Optics
for white LED version.

PMAA opal diffuser
for fluorescent versions.

Prismoptics optics for white LED versions.

Polycarbonate optics
for white LED
wall washer versions.

Junction components +

Junction to be fitted to the module on the same plane.
Compatible with the junction for the same plane.

Spotlights +

37 Cube
for Algoritmo System.

PAD
for Algoritmo System.

PAD Square
for Algoritmo System.

Power supplies and control systems

Electronic power supply IP67.

Control interface:
IP20 and IP67.
Allows management of multiple (LV) Algoritmo System and/or Algoritmo Floor.

Structural module +

- Wall-mounted or ceiling-mounted modular system.
- Algoritmo system is particularly flexible; it allows different lighting solutions to be coupled through the same shared electrical system. Fluorescent diffused or dark light version, LED diffused or wall washer in warm (3000 K) or neutral white (4000 K), RGB LED, LED controlled and prismoptic, accent lighting.
- Installation in line or at a 90° angle.
- Algoritmo system is consists of:
- Structural modules in extruded aluminium, available in different lengths depending on the installation option and 2 finishes, white or gloss anodised.
- Pre-wired gear trays and quick lock connectors. Supplementary through-wiring with quick lock connectors.
- Optical systems: diffusers, dark light grille for fluorescent lights, prismoptic and controlled optics for LED, wall washer optics for LED, 3 LED white monochromatic projectors (PAD, PAD Square, 37 Cube).
- End caps and connectors.
- Supplying cables.
- Pre-cabled white LED (MV) plates equipped with electronic or electronic dimmerable driver (Dali-Switchdim). Pre-cabled RGB LED (LV) plates.
- Fluorescent plates with electronic or 'multiwatt' 28/54 W electronic dimming supplyer (Dali-SwitchDim). T16-Seamless fluorescent tubes to be purchased separately.
- Compliant with standard EN60598-1 and other specific standards.

Structural module for wall, ceiling or suspended installation.
End caps, angles, fixing components, electric plates and optics to be ordered separately.

Fixing components +

Wall bracket to connect a suspended module to the wall.

Wall / ceiling fixing bracket.

Suspension cable (no supply).

Suspension kit with supply.

Junction components +

End caps.
(set of 2)

Linear connector.

90° angle for the mechanical connection of two recessed modules on one same plane.

90° angle.
For the mechanical connection of 2 modules on two perpendicular planes.

Pre-wired gear plates

Pre-wired gear tray for white LED diffused and wall washer.
Direct LED or direct LED +indirect fluorescent .
MV through-wiring included.

Pre-wired gear tray
for RGB LED diffused.
Direct LED or direct LED + indirect fluorescent.
LV or LV+MV through-wiring included.

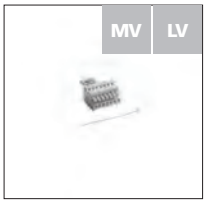
Pre-wired gear tray for white LED dark light emission.
Direct LED or direct LED + indirect fluorescent.
MV through-wiring included.

Pre-wired gear tray
for accent lighting unit.
PAD, PAD square and 37 Cube to be ordered separately.
MV through-wiring included.

Pre-wired gear tray
for fluorescent tubes T16-SLS.
Direct LED or direct LED + indirect fluorescent.
MV through-wiring included.

Electrical Components +

Optional through-wiring.
To be used with mixed installations combining LV and MV pre-wired gear trays.



Power supply kit.

Electrical connector*
to couple Algoritmo LED System (LV) with wall- and floor- recessed modules of Algoritmo Floor (LV), powered through the same shared electrical circuit.

*Only for RGB LED

Optical systems +

Opal polycarbonate diffuser for white LED and diffused RGB versions.

Dark Light optics
for fluorescent versions.

Dark Light Optics
for white LED versions.

PMAA opal diffuser
for fluorescent versions.

Prismoptics optics for white LED versions.

Polycarbonate optics
for white LED
wall washer versions.

Junction components +

Junction to be fitted to the module on the same plane.
Compatible with the junction for the same plane.

2-plane joint to be clipped to the module.
Compactible with connectors for 2 modules on perpendicular planes.

Spotlights +

37 Cube
for Algoritmo System.

PAD
for Algoritmo System.

PAD Square
for Algoritmo System.

Power supplies and control systems

Electronic power supply IP67.

Control interface:
IP20 and IP67.
Allows management of multiple (LV) Algoritmo System and/or Algoritmo Floor.

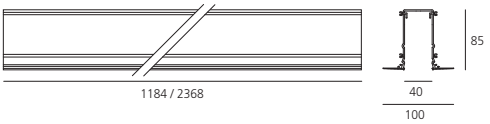
Structural module

Gloss anodised

Structural module

Length	Weight	Color	Code
1184 mm	1,80 kg	◑	M204800
2368 mm	3,60 kg	◑	M204900

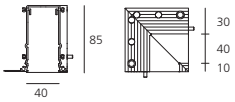
62x(ΣL+10 mm)



Accessories

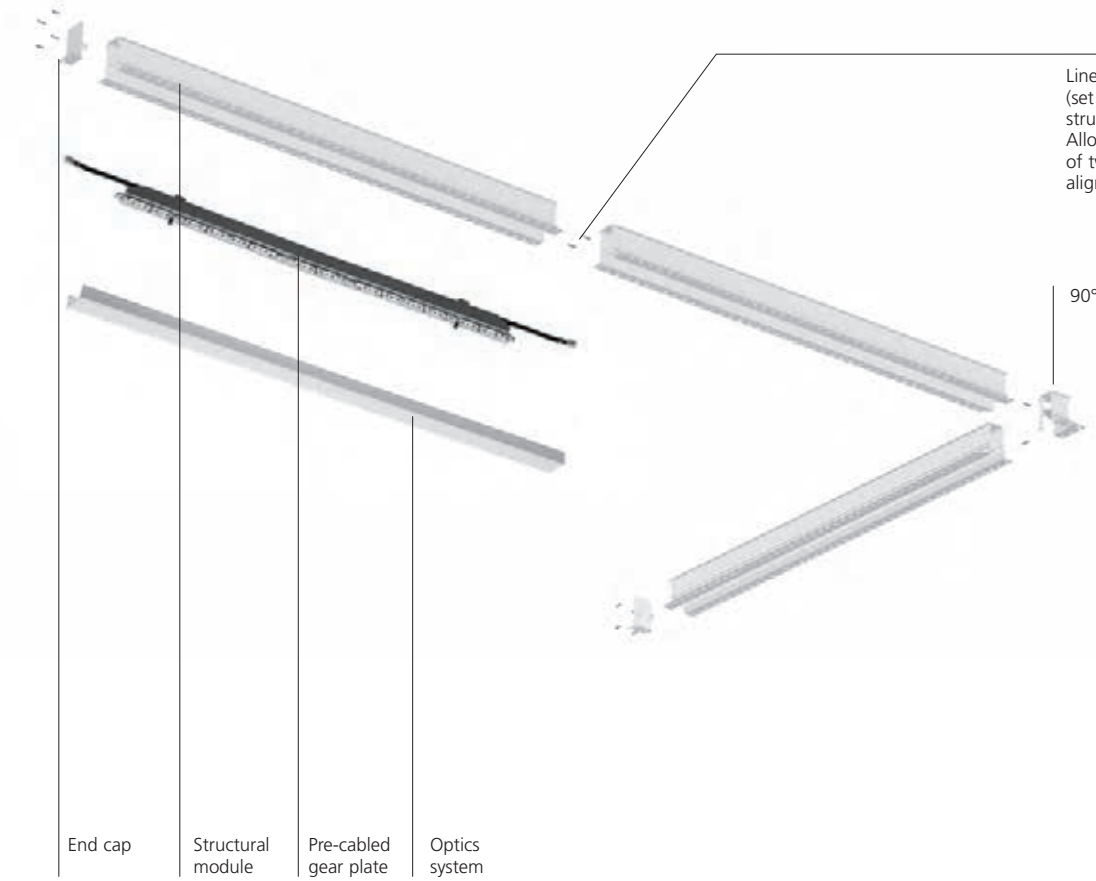
90° angle
to mechanically connect two recessed modules on the same plane.

Code: M196600



End caps
(set of 2)

Code: M197300



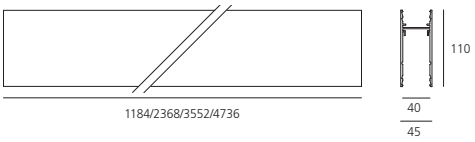
Ristorante Larte - Milano (Italy), Interior project: Lorenzo Morganti, Grixoni Service, Photo: Federico Villa

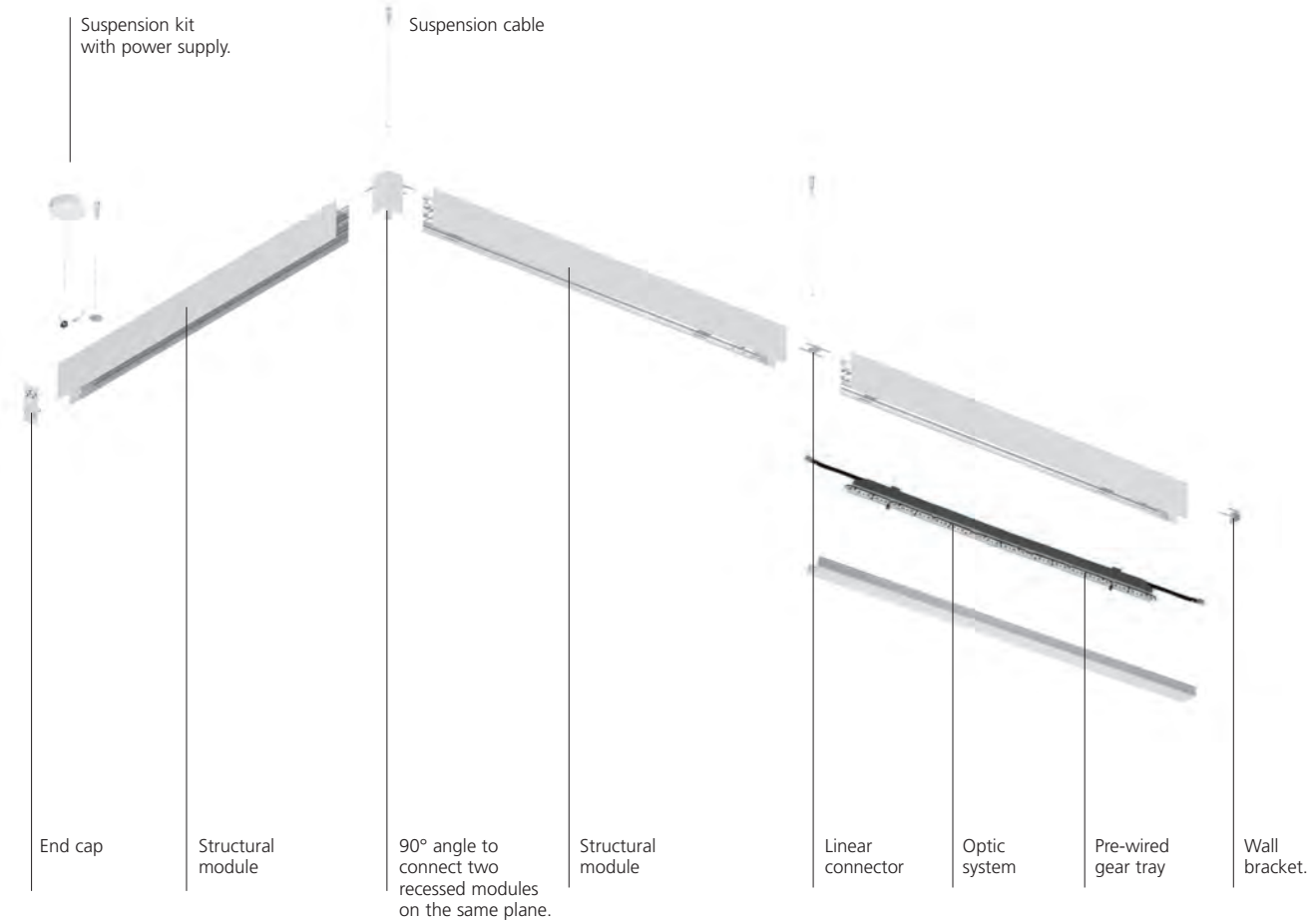
Structural module

White ○ Gloss anodised ◑

Structural module

Length	Weight	Color	Code
1184 mm	2,30 kg	○	M205020
		◑	M205060
2368 mm	4,60 kg	○	M205120
		◑	M205160
3552 mm	6,90 kg	○	M206320
		◑	M206360
4736 mm	9,20 kg	○	M199520
		◑	M199560

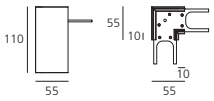


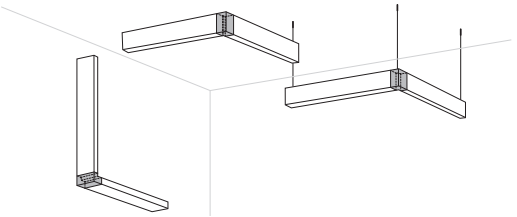


White ○ Gloss anodised ◑

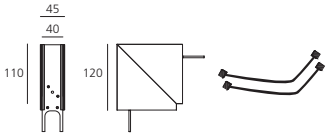
Accessories

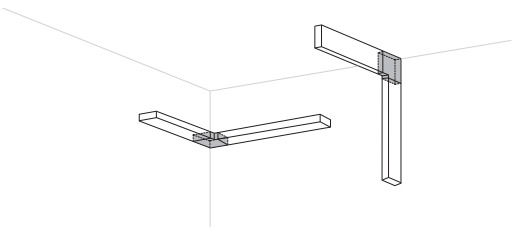
	Color	Code
90° angle To mechanically connect two recessed modules on one same plane. 0.30 kg.	○ ◑	M196820 M196860



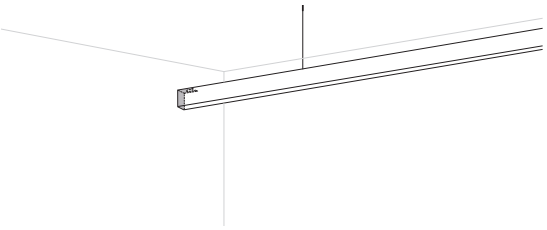


90° angle To mechanically connect of 2 modules on one same plane. Includes through-wire extensions. 0.60 kg.	○ ◑	M196720 M196760





Wall bracket To mechanically connect a wall-mounted module.		M199300



End caps (set of 2)	○ ◑	M188820 M188860
Linear connector		M189000
Bracket for fixing to wall/ceiling (1 piece)		M199400

Length of a single module	no. pieces required for each module
1184 mm	2
2368 mm	2
3552mm	3
4736mm	4

Applicable also for system installations.

Steel suspension cable with quick adjustment Length 2 meters		M189100

Length of a single module	no. pieces required for each module
1184 mm	2
2368 mm	2
3552mm	2
4736mm	3

Please check on Artemide.com for continuous system installations with 2+ connected modules.

MV LV **Suspension kit with power supply. Includes 1 single steel suspension cable + 1 power supply cable** Length 2 meters		
LV (3x1,5mm²) For supplying LED modules RGB.		M189200
MV (5x1,5mm²+2x0,5mm²) To power fluorescent modules, white LED plates and accent modules.		M189300

Atelier Elera - Cavaion veronese (Italy), Arch. Alberto Salvadori, Photo: Marco Zanta

Algoritmo System diffused emission

Wired gear plates

White LED direct emission

W	Length	Weight	CCT	non dimmable Code	Dali-SwitchDim Code
23 W	1184 mm	1,10 kg	3000 K	M146200	M146201
			4000 K	M146300	M146301
46 W	2368 mm	2,00 kg	3000 K	M146400	M146401
			4000 K	M146500	M146501

MV integrated through-wiring.

White LED with direct emission + fluo indirect

W	Length	Weight	CCT (LED)	non dimmable Code	Dali-SwitchDim* Code
23 W	1184 mm	1,10 kg	3000 K	M151500	M151501
1x39 W (T16 (G5))			4000 K	M151600	M151601
46 W	2368 mm	2,00 kg	3000 K	M151700	M151701
2x39 W (T16 (G5))			4000 K	M151800	M151801

* Only direct emission is dimmable.

MV integrated through-cable.
Upper screen in PMMA included.

650°

Algoritmo System diffused emission

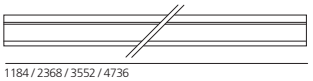
Diffuser

Opal diffuser in polycarbonate for LED plates

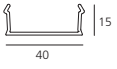
Length	Weight	Code
1184 mm	0,10 kg	M197400
2368 mm	0,20 kg	M186800
3552 mm	0,30 kg	M203800
4736 mm	0,40 kg	M197500

Not suitable for Fluo version.

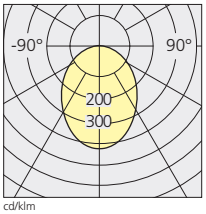
850°



1184 / 2368 / 3552 / 4736



Algoritmo white LED	LED		luminaire		23 W
Power	20 W	20 W	23 W	23 W	
Flux	2550 lm	2729 lm	1213 lm	1303 lm	
CCT	3000 K	4000 K	3000 K	4000 K	
CRI	=80 (typ.)				
Color tolerance	MacAdam 3SDCM				
Service life	L70(6K) > 50000h				
Efficiency			48%	48%	
Efficacy	128 lm/W	136 lm/W	53 lm/W	57 lm/W	

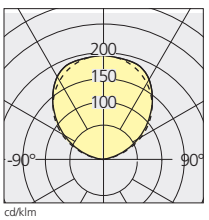


cd/klm

Values for luminaire body L 1184 mm.

Indirect T16 (G5) — **39 W** — 3100 lm

Efficiency **54%**



cd/klm

Algoritmo System diffused emission

Wired gear plates

FLUO T16-SLS (G5)			non dimmable	Dali-SwitchDim
W	Length	Weight	Code	Code
1x54 W	1184 mm	1,10 kg	M204000	
2x54 W	2368 mm	2,00 kg	M204200	
1x28-54 W	1184 mm	1,10 kg		M204001
2x28-54 W	2368 mm	2,00 kg		M204201

MV integrated through-cable.

FLUO T16-SLS (G5) direct emission + **T16** (G5) indirect emission			non dimmable	Dali-SwitchDim*
W	Length	Weight	Code	Code
1x54 W (T16-SLS (G5)) + 1x39 W (T16 (G5))	1184 mm	1,10 kg	M204100	
2x54 W (T16-SLS (G5))+ 2x39 W (T16 (G5))	2368 mm	2,00 kg	M204300	
1x28-54 W (T16-SLS (G5))+ 1x39 W (T16 (G5))	1184 mm	1,10 kg		M204101
2x28-54 W (T16-SLS (G5))+ 2x39 W (T16 (G5))	2368 mm	2,00 kg		M204301

* Only direct emission is dimmable.
MV through-wiring included.
Upper screen in PMMA included.

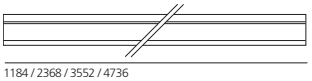
650°

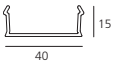
Algoritmo System diffused emission

Diffuser

Opal diffuser in PMMA for FLUO plates		
Length	Weight	Code
1184 mm	0,10 kg	M188100
2368 mm	0,20 kg	M188200
3552 mm	0,30 kg	M203700
4736 mm	0,40 kg	M197800

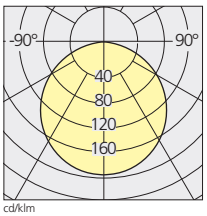
650°





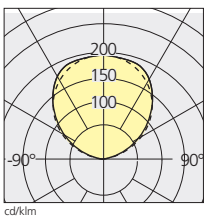
T16-SLS (G5) — **28/54 W** 2600/4450 lm

Efficiency **56%**



Indirect T16 (G5) — **39 W** 3100 lm

Efficiency **54%**



Values for luminaire body L 1184 mm.

Algoritmo System LED Controlled Emission

Patent pending (IT) n° MI2013A001711

Controlled emission LED optic System
UGR index control and 65° luminance (EN 12464)

Patent-pending proprietary optic system made by a thin black square-meshed grid and by a system of square plano-convex lenses of appropriate beam angle. The internal part of the grid is white painted and has a high reflection coefficient, so that the light incident on the grid is retrieved within the Algoritmo body.

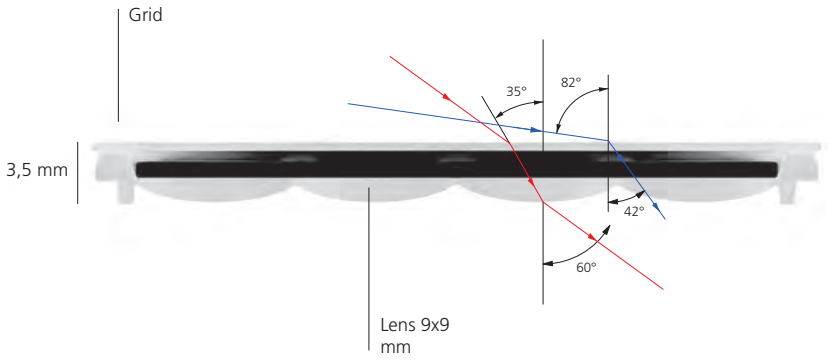
A net 'cut off' at the required angle is obtained through this system.
The convex profile of the lens is designed with images optic techniques, so that the emission is limited within the 65° required by standard EN 12464.

UGR<19
Angle luminance equals to 65° and beyond:
<3,000 cd/m2.

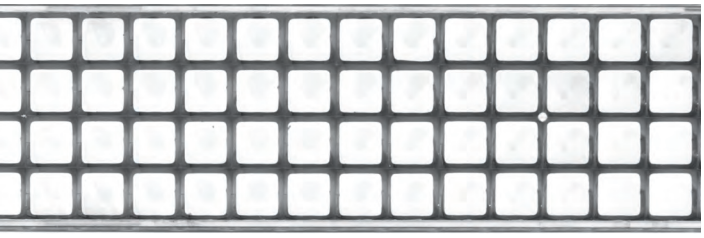
Operating diagram of the optical device used on Algoritmo:

The grid positioned over the lenses allows only the rays falling into the required output angular limits to be incident to the lenses.
The rays beyond these limits are recovered and redirected inside the light box (if the ray is incident to the white surface) or cancelled (if the ray is incident to the black edge).

Functioning scheme



light ON



light OFF

UGR < 19	3000 K	4000 K
E_0 (h 1m)	858 lux	918 lux
E_0 (h 2m)	215 lux	230lux
	C0-C180 79° C90-C270 93°	C0-C180 79° C90-C270 93°

Wired gear plates

White LED direct emission

W	Length	Weight	CCT	non dimmable Code	Dali-SwitchDim Code
34 W	1184 mm	1,10 kg	3000 K	M2882W00	M2882W01
			4000 K	M2882N00	M2882N01
68 W	2368 mm	2,00 kg	3000 K	M2884W00	M2884W01
			4000 K	M2884N00	M2884N01

MV integrated through-cable.

White LED direct emission + indirect LED

W	Length	Weight	CCT (LED)	non dimmable Code	Dali-SwitchDim* Code
34 W + 30 W	1184 mm	1,10 kg	3000 K	M2883W00	M2883W01
			4000 K	M2883N00	M2883N01
68 W + 60 W	2368 mm	2,00 kg	3000 K	M2885W00	M2885W01
			4000 K	M2885N00	M2885N01

MV integrated through-cable.
* Direct e indirect emission dimmable
Protection screen for indirect cabled LED plate included.
Occupies 2 Dali destination

650°

Patent pending (IT) n° MI2013A001711

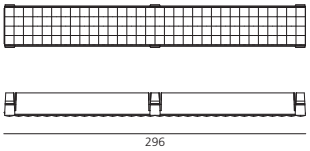
Optics

Optics kit for controlled emission

Length	Weight	Code
1184 mm	0,20 kg	M186700
2368 mm	0,40 kg	M187300

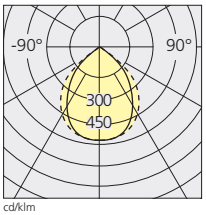
Not suitable for Fluo version.

850°



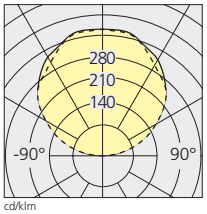
296

Algoritmo white LED	LED		luminaire		34 W
Power	29 W	29 W	34 W	34 W	
Flux	3361 lm	3596 lm	1493 lm	1605 lm	
CCT	3000 K	4000 K	3000 K	4000 K	
CRI	=80 (typ.)				
Color tolerance	MacAdam 4SDCM				
Service life	L70(9K) > 50000h				
Beam			C0-C180 79°	C0-C180 79°	
			C90-C270 93°	C90-C270 93°	
Efficiency			45%	45%	
Efficacy	116 lm/W	124 lm/W	44 lm/W	47 lm/W	



Values for luminaire body L 1184 mm.

Algoritmo white LED	LED		luminaire		30 W
Power	27 W	27 W	30 W	30 W	
Flux	4240 lm	4400 lm	3307 lm	3432 lm	
CCT	3000 K	4000 K	3000 K	4000 K	
CRI	=80 (typ.)				
Color tolerance	MacAdam 4SDCM				
Service life	L70(9K) > 50000h				
Efficiency			78%	78%	
Efficacy	157 lm/W	163 lm/W	110 lm/W	114 lm/W	



Values for luminaire body L 1184 mm.

Algoritmo System controlled emission

Wired gear plates

White LED direct emission

W	Length	Weight	CCT	non dimmable Code	Dali-SwitchDim Code
23 W	1184 mm	1,10 kg	3000 K	M146200	M146201
			4000 K	M146300	M146301
46 W	2368 mm	2,00 kg	3000 K	M146400	M146401
			4000 K	M146500	M146501

MV integrated through-wiring.

White LED with direct emission + fluo indirect

W	Length	Weight	CCT (LED)	non dimmable Code	Dali-SwitchDim* Code
23 W	1184 mm	1,10 kg	3000 K	M151500	M151501
1x39 W (T16 (G5))			4000 K	M151600	M151601
46 W	2368 mm	2,00 kg	3000 K	M151700	M151701
2x39 W (T16 (G5))			4000 K	M151800	M151801

* Only direct emission is dimmable.

MV integrated through-cable.
Upper screen in PMMA included.

650°

Algoritmo System controlled emission

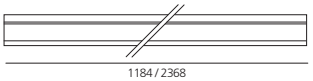
Optics

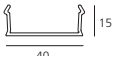
controlled emission optics for LED plates

Length	Weight	Code
1184 mm	0,20 kg	M196900
2368 mm	0,40 kg	M197000

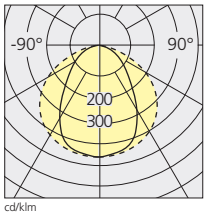
Not suitable for Fluo version.

850°





Algoritmo white LED	LED		luminaire		23 W
Power	20 W	20 W	23 W	23 W	
Flux	2550 lm	2729 lm	1402 lm	1520 lm	
CCT	3000 K	4000 K	3000 K	4000 K	
CRI	=80 (typ.)				
Color tolerance	MacAdam 3SDCM				
Service life	L70(9K) > 50000h				
Beam			C0-C180 73°	C0-C180 73°	
			C90-C270 115°	C90-C270 115°	
Efficiency			55%	55%	
Efficacy	128 lm/W	136 lm/W	61 lm/W	66 lm/W	

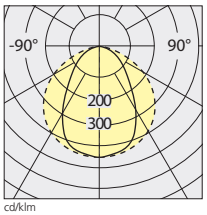


cd/klm

C0 - C180
C90 - C270

Values for luminaire body L 1184 mm.

23 W



cd/klm

C0 - C180
C90 - C270

3000 K

H m	Ø m	EMax lux	EM lux
1	1,47	645	212
2	2,94	161	53
3	4,41	72	24
4	5,87	40	13
5	7,34	26	8

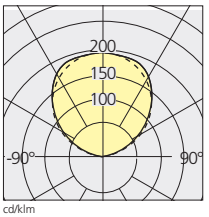
4000 K

H m	Ø m	EMax lux	EM lux
1	1,47	700	230
2	2,94	175	57
3	4,41	78	26
4	5,87	44	14
5	7,34	28	9

Indirct T16 (G5)

Efficiency **54%**

39 W 3100 lm



cd/klm

Algoritmo System dark light emission fluo

Wired gear plates

FLUO T16-SLS (G5) direct emission + **T16** (G5) indirect emission

W	Length	Weight	non dimmable Code	Dali-SwitchDim* Code
1x54 W	1184 mm	1,10 kg	M204000	M204001
2x54 W	2368 mm	2,00 kg	M204200	M204201
1x28-54 W	1184 mm	1,10 kg		
2x28-54 W	2368 mm	2,00 kg		

MV integrated through-wiring.

W	Length	Weight	Code	Code
1x54 W + 1x39 W	1184 mm	1,10 kg	M204100	M204101
2x54 W + 2x39 W	2368 mm	2,00 kg	M204300	M204301
1x28-54 W + 1x39 W	1184 mm	1,10 kg		
2x28-54 W + 2x39 W	2368 mm	2,00 kg		

* Only direct emission is dimmable.

MV integrated through-cable.
Upper screen in PMMA included.

650°

Algoritmo System dark light emission

Optics

Dark light optics in metal polycarbonate

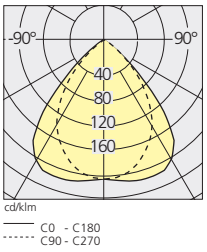
Length	Weight	Code
1184 mm	0,20 kg	M188500
2368 mm	0,40 kg	M188600

T16-SLS (G5)

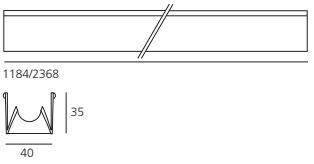
Efficiency **33%**

UGR < 19 2θ/2 = 85°	54 W	28 W
E_0 (h 1m)	916 lux	531 lux
E_0 (h 2m)	229 lux	133 lux

28/54 W 2600/4450 lm



960°



Algoritmo System wall washer emission

Wired gear plates

White LED direct emission				non dimmable	Dali-SwitchDim
W	Length	Weight	CCT	Code	Code
23 W	1184 mm	1,10 kg	3000 K	M146200	M146201
			4000 K	M146300	M146301
46 W	2368 mm	2,00 kg	3000 K	M146400	M146401
			4000 K	M146500	M146501

MV integrated through-cable.

White LED wall washer direct emission + fluo indirect emission				non dimmable	Dali-SwitchDim*
W	Length	Weight	CCT (LED)	Code	Code
23 W	1184 mm	1,10 kg	3000 K	M151500	M151501
1x39 W (T16 (G5))			4000 K	M151600	M151601
46 W	2368 mm	2,00 kg	3000 K	M151700	M151701
2x39 W (T16 (G5))			4000 K	M151800	M151801

* Only direct emission is dimmable.

MV integrated through-cable.
Upper screen in PMMA included.

650°

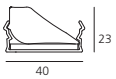
Algoritmo System wall washer emission

Optics

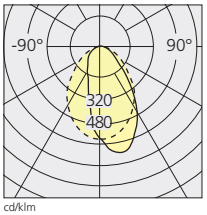
Wall washer optics			
Length	Weight		Code
1184 mm	0,70 kg		M217300
2368 mm	1,40 kg		M217400

Not suitable for Fluo version.

650°



Algoritmo white LED	LED		luminaire		23 W
Power	20 W	20 W	23 W	23 W	
Flux	2500 lm	2750 lm	1331 lm	1461 lm	
CCT	3000 K	4000 K	3000 K	4000 K	
CRI	=80 (typ.)				
Color tolerance	MacAdam 4SDCM				
Service life	L70(6K) > 50000h				
Efficiency			53%	53%	
Efficacy	128 lm/W	141 lm/W	68 lm/W	75 lm/W	



cd/klm

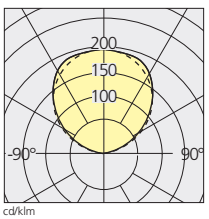
C0 - C180
C90 - C270

Values for luminaire body L 1184 mm.

Indirect T16 (G5)

Efficiency **62%**

39 W 3100 lm



cd/klm

Values for luminaire body L 1184 mm.

Atelier Eera - Cavaion veronese (Italy), Arch.: Alberto Salvadori, Photo: Marco Zanta

Algoritmo System RGB LED

Wired gear plates

RGB LED with diffused direct emission

W (LED)	Length	Weight	Code
18 W	1184 mm	1,10 kg	M199600
36 W	2368 mm	2,00 kg	M199700

LV integrated through-wiring.
Power supply and light management system to be ordered separately.

RGB LED diffused direct emission + fluorescent indirect

W	Length	Weight	Code
18 W (LED) 1x39 W (T16 (G5))	1184 mm	1,10 kg	M199800
36 W (LED) 2x39 W (T16 (G5))	2368 mm	2,00 kg	M199900

LV+MV integrated through-wiring.
Upper screen in PMMA included.
Power supply and light management system to be ordered separately.

650°

Algoritmo System suspension RGB LED

Optics

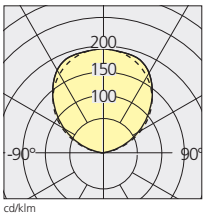
Opal diffuser in polycarbonate

Length	Weight	Code
1184 mm	0,10 kg	M197400
2368 mm	0,20 kg	M186800
3552 mm	0,30 kg	M203800
4736 mm	0,40 kg	M197500

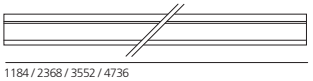
Not suitable for Fluo version.

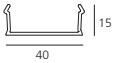
Indirect T16 (G5) **39 W** 3100 lm

Efficiency **62%**



850°





Power supply/light management system for LED*

Electronic power supply
IP67. Input voltage range: 90-264VAC / 47-63 VDC. Output voltage: 48 VDC. Protection against overcurrent, overvoltage, short-circuit and overtemperature, with automatic restart.

	Code
100 W For voltage up to a total 90 W. 220x68x38 mm.	M075000
240 W For voltage up to a total 225 W. 244x68x39 mm.	M075100
320 W For voltage up to a total 300 W. 252x90x44 mm.	M076100

IP67

Control interface
Control interface
For managing groups of Algoritmo System LED RGB and/or white LED/RGB Algoritmo Floor lighting units. Integrated sequencer for stand-alone operation with predefined colour sequence. Possibilty of master-slave configuration. DALI or DMX light management systems are not included.

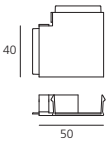
IP20

	Code
IP67. Compatible DALI-Switch Dimm 310x168x90 mm.	M077000
IP67. Compatible DALI-Switch Dimm or DMX. 310x168x90 mm.	M077100
IP20. Compatible DALI-Switch Dimm Suitable for DIN rail mounting. 106x90x70 mm.	M077200
IP20. Compatible DALI-Switch Dimm or DMX. Suitable for DIN rail mounting. 106x90x70 mm.	M077300

For electrical diagram, please see page 346

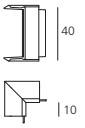
Closure screens for 90° angles

Junction to be fitted to the module on the same plane
Compatible with the junction for the same plane.



	Code
For continuity between LED diffused emission modules.	M198100
For continuity between dark light fluo emission, LED emission modules and spot modules.	M198000
For continuity between wall-washer LED emission modules.	M198200
For continuity between Fluo diffused emission modules.	M197900

2-plane joint
To be clipped to the module. Compatible with connectors for 2 modules on perpendicular planes.



	Code
For continuity between LED diffused emission modules.	M198500
For continuity between dark light fluo emission, LED emission modules and spot modules.	M198400
For continuity between wall-washer LED emission modules.	M198600
For continuity between Fluo diffused emission modules.	M198300

Electrical components

Supplementary through-wiring (optional).
To be used in mixed configuration with LV and MV pre-cabled gear trays.

		Code
LV	1184 mm	M198800
LV	2368 mm	M199000
MV	1184 mm	M198700
MV	2368 mm	M198900

Electrical connector *
To couple wall-surface or floor-recessed LED Algoritmo System modules, powered through the same electrical circuit.
* Only for RGB LED

Code: M221900

Supply Kit
Allows for connection of the mains to the first pre-wired gear plate of the initial module.To be used only with recessed and surface installation.

	Code
LV (3xmax 1,5 mm²) To power LED RGB trays.	M073230
MV (7xmax 1,5 mm²) To power fluorescent modules, white LED plates and accent modules.	M073240

Light sources

T16-SEAMLESS (G5) fluorescent tube
1 piece

	Code
28 W (3000 K)	M004810
28 W (4000 K)	M004815
54 W (3000 K)	M004800
54 W (4000 K)	M004805

T16 (G5) fluorescent tube
1 piece

	Code
39 W (3000 K)	M004380
39 W (4000 K)	M004381

Pre-wired gear tray for direct emission

Length	Weight	Code
1184 mm	1,20 kg	M217800

Allows installation and supplying of 1-4 PAD 230V projectors.
MV through-wiring included.

Pre-wired gear tray for direct + indirect emission

Length	Weight	Code
1184 mm	1,20 kg	M217900

Allows installation and powering of 1-4 PAD 230V + indirect projectors T16 (G5) 1x39 W.
MV through-wiring included.

650°

Double emission version, with upper screen in PMMA. PAD projectors to be ordered separately.

PAD projectors to be ordered separately.

Accessories

	Code
Blind panel, in polished metal grey steel. 1 piece required for each PAD empty position.	M217760

	Code
Intermediate finishing cap (set of 2), in polished metal grey steel. To be used at the junction of PAD modules with FLUO or LED modules.	M217660

Electrical components

Supplementary through-wiring (optional).
To be used in mixed configuration with LV and MV pre-cabled gear trays.

		Code
LV	1184 mm	M198800
LV	2368 mm	M199000

Supply Kit
Allows for connection of the mains to the first pre-wired gear plate of the initial module.To be used only with recessed and surface installation.

	Code
LV (3xmax 1,5 mm²) For supplying LED RGB trays.	M073230
MV (7xmax 1,5 mm²) To power fluorescent modules, white LED plates and accent modules.	M073240

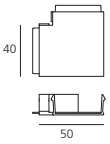
Light sources

T16 (G5) fluorescent tube
1 piece

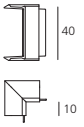
	Code
39 W (3000 K)	M004380
39 W (4000 K)	M004381

Closure screens for 90° angles

	Code
Junction to be fitted to the module on the same plane Compatible with the junction for the same plane. For continuity between dark light fluo emission, LED emission modules and spot modules.	M198000



	Code
2-plane joint To be clipped to the module. Compatible with connectors for 2 modules on perpendicular planes. For continuity between dark light fluo emission, LED emission modules and spot modules.	M198400



Gloss anodised

LED

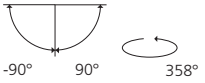
W	Weight	Beam	Flux	CCT	Color
14,5 W	0,53 kg	12°	825 lm	3000 K	
			880 lm	4000 K	
		24°	825 lm	3000 K	
			880 lm	4000 K	
		36°	805 lm	3000 K	
			855 lm	4000 K	

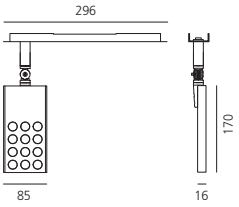
non dimmable

Code
M200002
M200102
M200202
M200302
M200402
M200502

To be coupled with pre-wired gear plate.

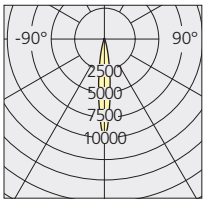
IP40
650°





Pad 12°

LED		luminaire	
Power	12 W	12 W	14,5 W	14,5 W
Flux	994 lm	1060 lm	825 lm	880 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (typ.)			
Color tolerance	MacAdam 4SDCM			
Service life	L70(14K) > 81600h			
Beam			12°	12°
Efficiency			83%	83%
Efficacy	82,8 lm/W	88,2 lm/W	56,8 lm/W	60,5 lm/W

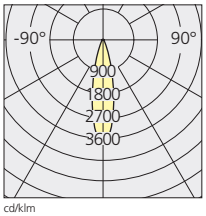


cd/klm

3000 K α=12°				4000 K α=12°			
H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	0,24	8073	5008	1	0,24	8611	5342
2	0,47	2018	1252	2	0,47	2153	1335
3	0,71	897	556	3	0,71	957	594
4	0,94	505	313	4	0,94	538	334
5	1,18	323	220	5	1,18	344	214

Pad 24°

LED		luminaire	
Power	12 W	12 W	14,5 W	14,5 W
Flux	994 lm	1060 lm	825 lm	880 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (typ.)			
Color tolerance	MacAdam 4SDCM			
Service life	L70(14K) > 81600h			
Beam			24°	24°
Efficiency			83%	83%
Efficacy	82,8 lm/W	88,2 lm/W	56,9 lm/W	60,6 lm/W

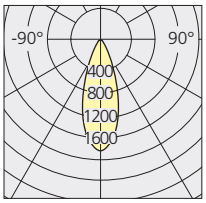


cd/klm

3000 K α=24°				4000 K α=24°			
H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	0,41	3238	2009	1	0,41	3453	2143
2	0,82	809	502	2	0,82	863	536
3	1,23	360	223	3	1,23	384	238
4	1,64	202	126	4	1,64	216	134
5	2,05	130	80	5	2,05	138	86

Pad 36°

LED		luminaire	
Power	12 W	12 W	14,5 W	14,5 W
Flux	994 lm	1060 lm	805 lm	855 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (typ.)			
Color tolerance	MacAdam 4SDCM			
Service life	L70(14K) > 81600h			
Beam			36°	36°
Efficiency			81%	81%
Efficacy	82,8 lm/W	88,2 lm/W	55,5 lm/W	59,1 lm/W



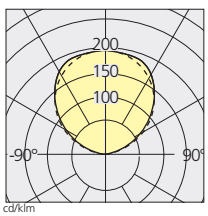
cd/klm

3000 K α=36°				4000 K α=36°			
H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	0,65	1493	893	1	0,65	1586	948
2	1,30	373	223	2	1,30	397	237
3	1,95	166	99	3	1,95	176	105
4	2,61	93	56	4	2,61	99	59
5	3,26	60	36	5	3,26	63	38

Indirect T16 (G5)

Efficiency 62%

39 W 3100lm



cd/klm

Pre-wired gear tray for direct emission

Length	Weight	Code
1184 mm	1,20 kg	M217800

Allows installation and powering of 1-4 PAD 230V projectors.
MV through-wiring included.

Pre-wired gear tray for direct + indirect emission

Length	Weight	Code
1184 mm	1,20 kg	M217900

Allows installation and powering of 1-4 PAD 230V + indirect projectors T16 (G5) 1x39 W.
MV through-wiring included.

650°

Double emission version, with upper screen in PMMA. PAD projectors to be ordered separately.

PAD projectors to be ordered separately.

Accessories

Blind panel, in polished metal grey steel.
1 piece required for each PAD Square empty position.

Code: M217760

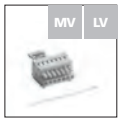
Intermediate finishing cap (set of 2), in polished metal grey steel.
To be used at the junction of PAD Square modules with FLUO or LED modules.

Code: M217660

Electrical components

Supplementary through-wiring (optional).
To be used in mixed configuration with LV and MV pre-cabled gear trays.

		Code
LV	1184 mm	M198800
LV	2368 mm	M199000



Supply Kit
Enables for connection of the mains to the first pre-wired gear plate of the initial module.To be used only with recessed and surface installation.

	Code
LV (3xmax 1,5 mm²) For supplying LED RGB trays.	M073230
MV (7xmax 1,5 mm²) For powering fluorescent modules, white LED plates and accent modules.	M073240

Light sources

T16 (G5) fluorescent tube
1 piece

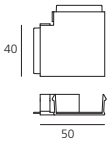
	Code
39 W (3000 K)	M004380
39 W (4000 K)	M004381

Closure screens for 90° angles

Junction to be fitted to the module on the same plane
Compatible with the junction for the same plane.

For continuity between dark light fluo emission, LED emission modules and spot modules.

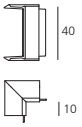
Code: M198000



2-plane joint
To be clipped to the module. Compatible with connectors for 2 modules on perpendicular planes.

For continuity between dark light fluo emission, LED emission modules and spot modules.

Code: M198400

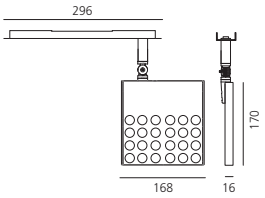


Gloss anodised

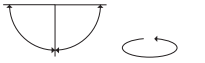
LED | non dimmable

W	Weight	Beam	Flux	CCT	Color	Code
29 W	0,97 kg	12°	1650 lm	3000 K		M201502
			1750 lm	4000 K		M201602
		24°	1650 lm	3000 K		M201702
			1750 lm	4000 K		M201802
		36°	1610 lm	3000 K		M201902
			1710 lm	4000 K		M202002

To be coupled with pre-wired gear plate.



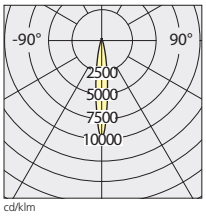
IP40 ⏚
650°



Pad Square 12°

	LED		luminaire	
Power	24 W	24 W	29 W	29 W
Flux	1988 lm	2120 lm	1650 lm	1750 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (typ.)			
Color tolerance	MacAdam 4SDCM			
Service life	L70(14K) > 81600h			
Beam			12°	12°
Efficiency			83%	83%
Efficacy	82,8 lm/W	88,2 lm/W	56,8 lm/W	60,5 lm/W

29 W 3000 K α=12° | 4000 K α=12°

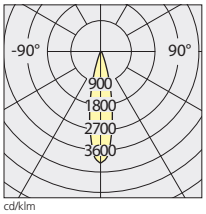


H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	0,24	16147	10016	1	0,24	17223	10684
2	0,47	4037	2504	2	0,47	4306	2671
3	0,71	1794	1113	3	0,71	1914	1187
4	0,94	1009	626	4	0,94	1076	668
5	1,18	646	401	5	1,18	689	427

Pad Square 24°

	LED		luminaire	
Power	24 W	24 W	29 W	29 W
Flux	1988 lm	2120 lm	1650 lm	1750 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (typ.)			
Color tolerance	MacAdam 4SDCM			
Service life	L70(14K) > 81600h			
Beam			24°	24°
Efficiency			83%	83%
Efficacy	82,8 lm/W	88,2 lm/W	56,9 lm/W	60,6 lm/W

29 W 3000 K α=24° | 4000 K α=24°

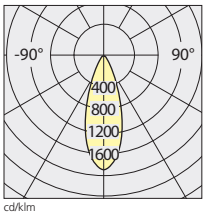


H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	0,41	6475	4018	1	0,41	6907	4286
2	0,82	1619	1005	2	0,82	1727	1072
3	1,23	719	446	3	1,23	767	476
4	1,64	405	251	4	1,64	432	268
5	2,05	259	161	5	2,05	276	171

Pad Square 36°

	LED		luminaire	
Power	24 W	24 W	29 W	29 W
Flux	1988 lm	2120 lm	1610 lm	1710 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (typ.)			
Color tolerance	MacAdam 4SDCM			
Service life	L70(14K) > 81600h			
Beam			36°	36°
Efficiency			81%	81%
Efficacy	82,8 lm/W	88,2 lm/W	55,5 lm/W	59,1 lm/W

29 W 3000 K α=36° | 4000 K α=36°

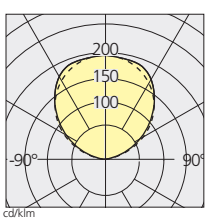


H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	0,65	2987	1785	1	0,65	3172	1896
2	1,30	747	446	2	1,30	793	474
3	1,95	332	198	3	1,95	352	211
4	2,61	187	112	4	2,61	198	118
5	3,26	119	71	5	3,26	127	76

Indirect T16 (G5)

Efficiency 62%

39 W 3100lm



Pre-wired gear tray for direct emission

Length	Weight	Code
1184 mm	1,20 kg	M219600

Allows installation and supplying of 37 Cube, 1 or 2 groups of 3 projectors each. (max 6 projectors in total).
MV through-wiring included.

Pre-wired gear tray for direct + indirect emission

Length	Weight	Code
1184 mm	1,20 kg	M219700

Allows installation and supplying of 37 Cube, 1 or 2 groups of 3 projectors each. (max 6 projectors in total), + Indirect T16 (G5) 1x 39 W.
MV through-wiring included.

650°

Double emission version, with upper screen in PMMA. PAD projectors to be ordered separately.

37 Cube projectors to be ordered separately.

Accessories

Blind panel, in polished metal grey steel.
Length 591mm.
1 piece required for each 37 Cube empty position.

Code: M217560

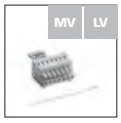
Intermediate finishing cap (set of 2), in polished metal grey steel.
To be used at the junction of 37 Cube modules with FLUO or LED modules.

Code: M217660

Electrical components

Supplementary through-wiring (optional).
To be used in mixed configuration with LV and MV pre-cabled gear trays.

		Code
LV	1184 mm	M198800
LV	2368 mm	M199000



Supply Kit
Enables for connection of the mains to the first pre-wired gear plate of the initial module.To be used only with recessed and surface installation.

	Code
LV (3xmax 1,5 mm²) For supplying LED RGB trays.	M073230
MV (7xmax 1,5 mm²) For supplying fluorescent modules, white LED plates and accent modules.	M073240

Light sources

T16 (G5) fluorescent tube
1 piece

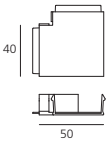
	Code
39 W (3000 K)	M004380
39 W (4000 K)	M004381

Closure screens for 90° angles

Junction to be fitted to the module on the same plane
Compatible with the junction for the same plane.

For continuity between dark light fluo emission, LED emission modules and spot modules.

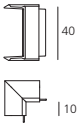
Code: M198000



2-plane joint
To be clipped to the module. Compactible with connectors for 2 modules on perpendicular planes.

For continuity between dark light fluo emission, LED emission modules and spot modules.

Code: M198400



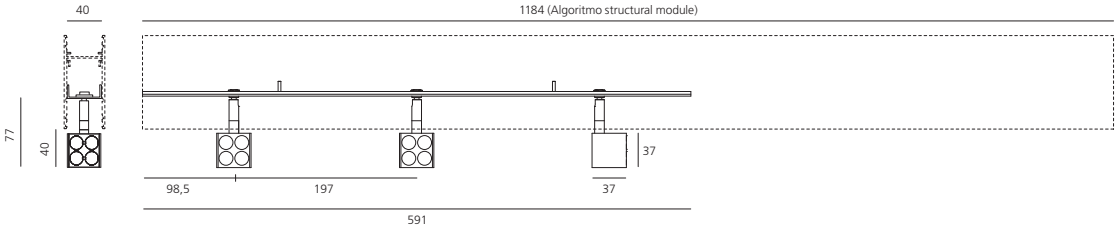
Kit containing 3 projectors for Algoritmo System

Anodised aluminium

LED | non dimmable

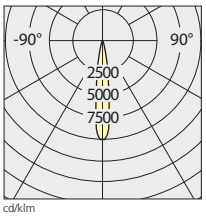
W (LED)	Weight	Beam	Flux	CCT	Color	Code
3x8 W	0,47 kg	14°	3x483 lm	3000 K		M029100
			3x517 lm	4000 K		M029400
		18°	3x463 lm	3000 K		M029200
			3x495 lm	4000 K		M029500
		30°	3x468 lm	3000 K		M029300
			3x501 lm	4000 K		M029600

IP20
650°



37 Cube 14°	LED		luminaire	
Power	7 W	7 W	8 W	8 W
Flux	528 lm	565 lm	483 lm	517 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (typ.)			
Color tolerance	MacAdam 4SDCM			
Service life	L70(6K) > 50000h			
Beam			14°	14°
Efficiency			92%	92%
Efficacy	75 lm/W	81 lm/W	60 lm/W	65 lm/W

8 W

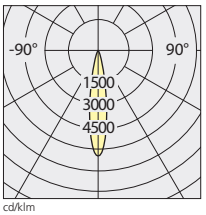


cd/klm

	3000 K			α=14°	4000 K			α=14°
	H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
	1	0,25	4867	3240	1	0,25	5209	3468
	2	0,51	1217	810	2	0,51	1302	867
	3	0,76	541	360	3	0,76	579	385
	4	1,01	304	202	4	1,01	326	217
	5	1,26	195	130	5	1,26	208	139

37 Cube 18°	LED		luminaire	
Power	7 W	7 W	8 W	8 W
Flux	528 lm	565 lm	463 lm	495 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (typ.)			
Color tolerance	MacAdam 4SDCM			
Service life	L70(6K) > 50000h			
Beam			18°	18°
Efficiency			88%	88%
Efficacy	75 lm/W	81 lm/W	58 lm/W	62 lm/W

8 W

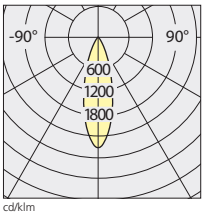


cd/klm

	3000 K			α=18°	4000 K			α=18°
	H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
	1	0,32	2484	1906	1	0,32	3190	2038
	2	0,64	746	476	2	0,64	798	509
	3	0,97	332	212	3	0,97	354	226
	4	1,29	187	119	4	1,29	199	127
	5	1,61	119	76	5	1,61	128	82

37 Cube 30°	LED		luminaire	
Power	7 W	7 W	8 W	8 W
Flux	528 lm	565 lm	468 lm	501 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (typ.)			
Color tolerance	MacAdam 4SDCM			
Service life	L70(6K) > 50000h			
Beam			30°	30°
Efficiency			89%	89%
Efficacy	75 lm/W	81 lm/W	59 lm/W	63 lm/W

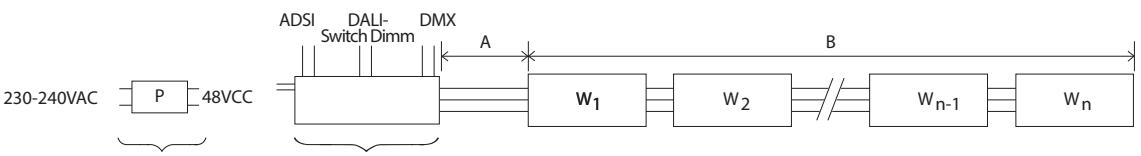
8 W



cd/klm

	3000 K			α=30°	4000 K			α=30°
	H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
	1	0,54	1230	740	1	0,54	1316	793
	2	1,07	307	185	2	1,07	329	198
	3	1,61	137	82	3	1,61	146	88
	4	2,14	77	46	4	2,14	82	50
	5	2,68	49	30	5	2,68	53	32

Stand-alone 1 *



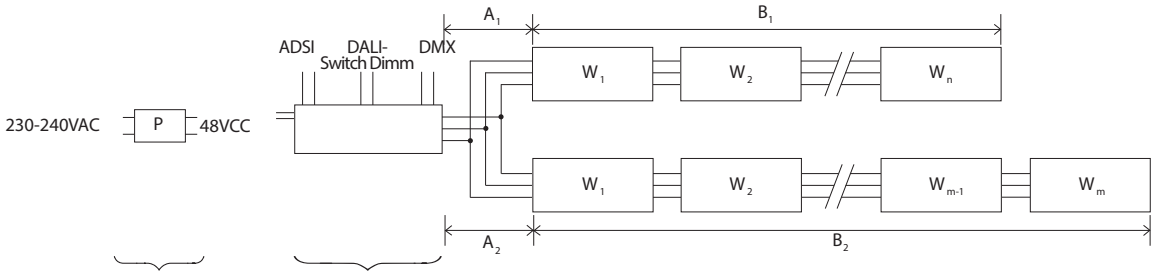
⚠
ΣW < 0,8P
2A + B < 50m
n < 24 units

Power supply unit
M075000 (P=100 W)
M075100 (P=240 W)
M076100 (P=320 W)

Control interface
M077200 / M077000
(Dali-SwitchDim)
M077300 / M077100
(Dali-SwitchDim or DMX)

LED fitting LED fitting LED fitting LED fitting

Stand-alone 2 *



⚠
ΣW < 0,8P
2(A1+A2)
+ B1 + B2 < 50m
n+m < 24 units

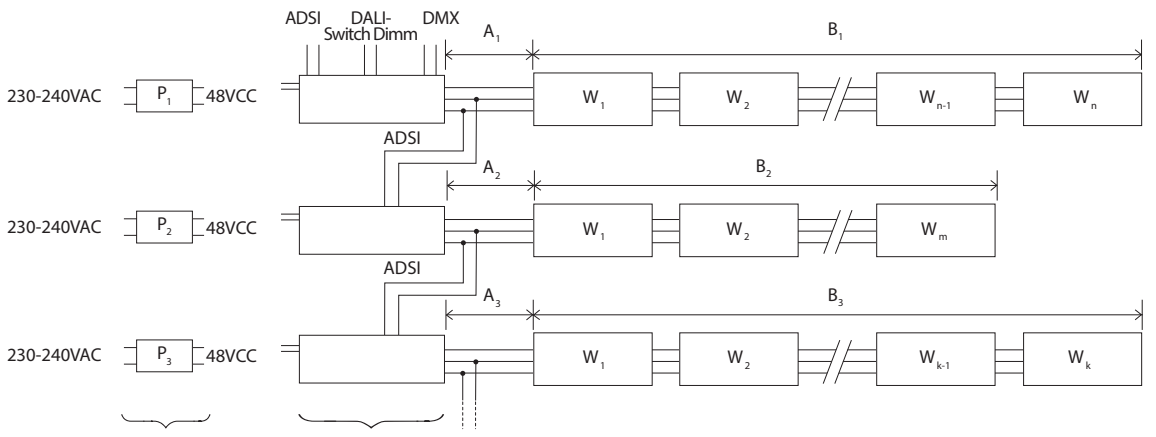
Power supply unit
M075000 (P=100 W)
M075100 (P=240 W)
M076100 (P=320 W)

Control interface
M077200 / M077000
(Dali-SwitchDim)
M077300 / M077100
(Dali-SwitchDim or DMX)

LED fitting LED fitting LED fitting LED fitting

* Maximum values.
For lighting design, please see data in the control interface manual.

Master-slave *



⚠
ΣW < 0,8P1
2A1+ B1 < 50m
n < 24 units

ΣW < 0,8P2
2A2+ B2 < 50m
m < 24 units

ΣW < 0,8P3
2A3+ B3< 50m
k < 24 units

Power supply unit
M075000 (P=100 W)
M075100 (P=240 W)
M076100 (P=320 W)

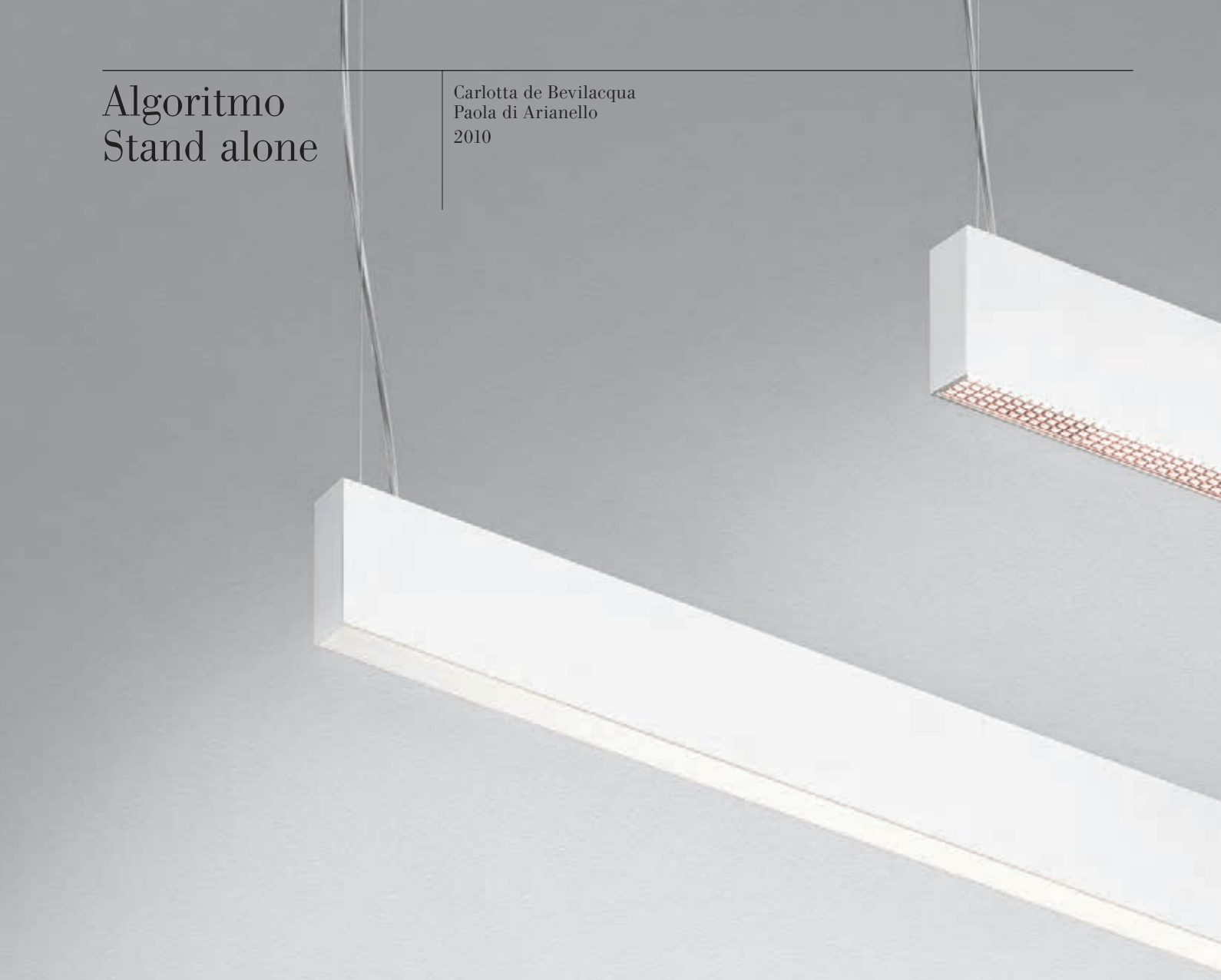
Control interface
M077200 / M077000
(Dali-SwitchDim)
M077300 / M077100
(Dali-SwitchDim or DMX)

LED fitting LED fitting LED fitting LED fitting

Steelcase headquarters and showroom Madrid. Architect John Small, architect and director of design for Steelcase International. Photo: Juanjo Fernández

Algoritmo
Stand alone

Carlotta de Bevilacqua
Paola di Arianello
2010



- Series of single units, preconfigured and complete for suspension-mounting, wall-mounting and ceiling-mounting.
- Body in extruded aluminium, painted white or gloss anodised. Two lengths available: 1188 mm and 2372mm.
- T16-seamless fluorescent version with opal diffuser or dark light optic. Power supply: electronic or dimmable electronic with 'multiwatt' control gear 28/54 W DALI/SwitchDim.
- LED version direct emission, diffused, controllated or prismoptic: LED monochromatic warm white (3000 K) and neutral white (4000 K), or RGB LED (only diffused).
- Power supply and light management system included, non dimmable or Dali-SwitchDim.
- Suspended version direct or double emission (indirect fluo).
- Luminaires come complete with end caps, fixing brackets or suspension cables and optics.
- T16-Seamless tubes to be ordered separately.
- Compliant with standard EN60598-1 and other specific standards.

Algoritmo Stand-alone white LED diffused emission

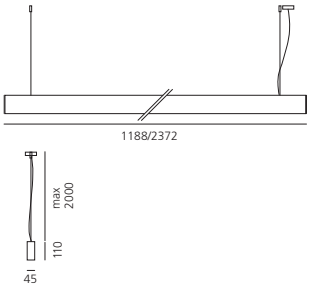
White ○ Gloss anodised ◑

Suspension Direct emission

LED White

W	Length	Weight	Flux	CCT	Color	non dimmable Code	Dali-SwitchDim Code
23 W	1188 mm	3,80 kg	1213 lm	3000 K	○	M146620	M146621
					◑	M146660	M146661
	1188 mm	3,80 kg	1303 lm	4000 K	○	M146720	M146721
					◑	M146760	M146761
46 W	2372 mm	7,10 kg	2426 lm	3000 K	○	M147920	M147921
					◑	M147960	M147961
	2372 mm	7,10 kg	2606 lm	4000 K	○	M148020	M148021
					◑	M148060	M148061

IP20 ⏚ 850° (direct)
650° (direct+indirect)



Suspension Direct + Indirect emission

LED White + fluo

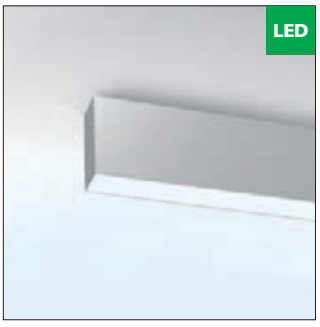
W	Length	Weight	CCT	Color	non dimmable Code	Dali-SwitchDim* Code
23 W 1x39 W (T16 (G5))	1188 mm	4,00 kg	3000 K	○	M146820	M146821
				◑	M146860	M146861
	1188 mm	4,00 kg	4000 K	○	M146920	M146921
				◑	M146960	M146961
46 W 2x39 W (T16 (G5))	2372 mm	7,30 kg	3000 K	○	M148120	M148121
				◑	M148160	M148161
	2372 mm	7,30 kg	4000 K	○	M148220	M148221
				◑	M148260	M148261

* Only direct emission is dimmable.
Upper screen in PMMA included.

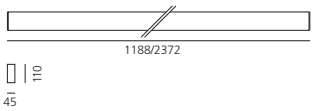
Wall/ceiling Direct emission

LED White

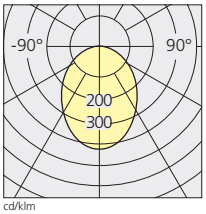
W	Length	Weight	Flux	CCT	Color	non dimmable Code	Dali-SwitchDim* Code
23 W	1188 mm	3,80 kg	1213 lm	3000 K	○	M148320	M148321
					◑	M148360	M148361
	1188 mm	3,80 kg	1303 lm	4000 K	○	M148420	M148421
					◑	M148460	M148461
46 W	2372 mm	7,10 kg	2426 lm	3000 K	○	M149620	M149621
					◑	M149660	M149661
	2372 mm	7,10 kg	2606 lm	4000 K	○	M149720	M149721
					◑	M149760	M149761



IP20 ⏚ 850°



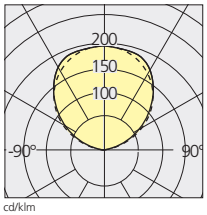
LED direct	**LED** direct		luminaire		**23 W**
Power	20 W	20 W	23 W	23 W	
Flux	2550 lm	2729 lm	1213 lm	1303 lm	
CCT	3000 K	4000 K	3000 K	4000 K	
CRI	=80 (typ.)				
Color tolerance	MacAdam 3SDCM				
Service life	L70(6K) > 50000h				
Beam					
Efficiency			48%	48%	
Efficacy	128 lm/W	136 lm/W	53 lm/W	57 lm/W	



Indirect T16 (G5)

Efficiency 62%

39 W 3100 lm



Values for luminaire body L 1188 mm.

Algoritmo Stand-alone fluo direct emission

White ○ Gloss anodised ◑

Suspension Direct emission

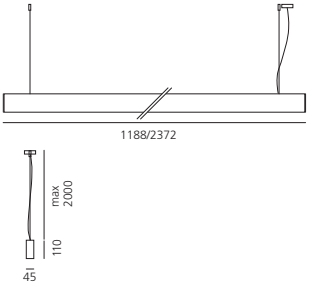
T16-SLS (G5) — non dimmable

W	Length	Weight	Color	Code
1x54 W	1188 mm	3,80 kg	○	M205420
			◑	M205460
2x54 W	2372 mm	7,10 kg	○	M205520
			◑	M205560

T16-SLS (G5) — Dali-SwitchDim

W	Length	Weight		Code
1x28-54 W	1188 mm	3,80 kg	○	M205421
			◑	M205461
2x28-54 W	2372 mm	7,10 kg	○	M205521
			◑	M205561

IP20 ⏚ 650°



Suspension Direct + Indirect emission

T16-SLS (G5) — non dimmable

W	Length	Weight	Color	Code
1x54 W (T16-SLS (G5)) + 1x39 W (T16 (G5))	1188 mm	4,00 kg	○	M205620
			◑	M205660
2x54 W (T16-SLS (G5)) + 2x39 W (T16 (G5))	2372 mm	7,30 kg	○	M205720
			◑	M205760

T16-SLS (G5) — Dali-SwitchDim*

W	Length	Weight	Color	Code
1x28-54 W (T16-SLS (G5)) + 1x39 W (T16 (G5))	1188 mm	4,00 kg	○	M205621
			◑	M205661
2x28-54 W (T16-SLS (G5)) + 2x39 W (T16 (G5))	2372 mm	7,30 kg	○	M205721
			◑	M205761

* Only direct emission is dimmable.
Upper screen in PMMA included.

Wall/ceiling Direct emission

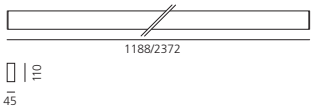
T16-SLS (G5) — non dimmable

W	Length	Weight	Color	Code
1x54 W	1188 mm	3,80 kg	○	M205220
			◑	M205260
2x54 W	2372 mm	7,10 kg	○	M205320
			◑	M205360

T16-SLS (G5) — Dali-SwitchDim

W	Length	Weight		Code
1x28-54 W	1188 mm	3,80 kg	○	M205221
			◑	M205261
2x28-54 W	2372 mm	7,10 kg	○	M205321
			◑	M205361

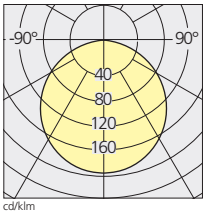
IP20 ⏚ 650°



T16-SLS (G5)

Efficiency 56%

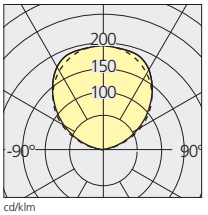
28/54 W 2600/4450 lm



Indirect T16 (G5)

Efficiency 62%

39 W 3100 lm



Algoritmo Stand-alone white LED controlled emission

Patent pending (IT) n° MI2013A001711

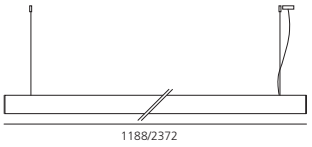
White ○ Gloss anodised ◑

Suspension Direct emission

LED White

W	Length	Weight	Flux	CCT	Color	non dimmable Code	Dali-SwitchDim Code
34 W	1188 mm	3,80 kg	1500 lm	3000 K	○	M2886W20	M2886W21
					◑	M2886W60	M2886W61
			1605 lm	4000 K	○	M2886N20	M2886N21
					◑	M2886N60	M2886N61
68 W	2372 mm	7,10 kg	3000 lm	3000 K	○	M2887W20	M2887W21
					◑	M2887W60	M2887W61
			3210 lm	4000 K	○	M2887N20	M2887N21
					◑	M2887N60	M2887N61

IP20 ⏚ 850° (direct)
650° (direct+indirect)



Suspension Direct + Indirect emission

LED White + fluo

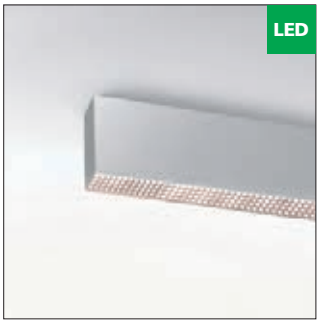
W	Length	Weight	CCT	Color	non dimmable Code	Dali-SwitchDim* Code
34 W + 30 W	1188 mm	4,00 kg	3000 K	○	M2888W20	M2888W21
				◑	M2888W60	M2888W61
	1188 mm	4,00 kg	4000 K	○	M2888N20	M2888N21
				◑	M2888N60	M2888N61
68 W + 60 W	2372 mm	7,30 kg	3000 K	○	M2889W20	M2889W21
				◑	M2889W60	M2889W61
	2372 mm	7,30 kg	4000 K	○	M2889N20	M2889N21
				◑	M2889N60	M2889N61

* Only direct emission is dimmable.
Upper screen in included.

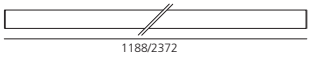
Ceiling Direct emission

LED White

W	Length	Weight	Flux	CCT	Color	non dimmable Code	Dali-SwitchDim Code
34 W	1188 mm	3,80 kg	1500 lm	3000 K	○	M2890W20	M2890W21
					◑	M2890W60	M2890W61
	1188 mm	3,80 kg	1605 lm	4000 K	○	M2890N20	M2890N21
					◑	M2890N60	M2890N61
68 W	2372 mm	7,10 kg	3000 lm	3000 K	○	M2891W20	M2891W21
					◑	M2891W60	M2891W61
	2372 mm	7,10 kg	3210 lm	4000 K	○	M2891N20	M2891N21
					◑	M2891N60	M2891N61

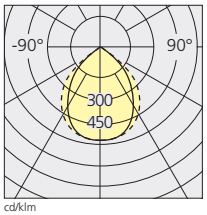


IP20 ⏚ 850°



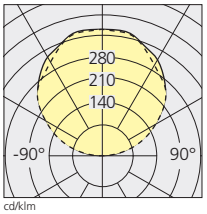
Algoritmo white LED	LED		luminaire	
Power	29 W	29 W	34 W	34 W
Flux	3361 lm	3596 lm	1500 lm	1605 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (typ.)			
Color tolerance	MacAdam 4SDCM			
Service life	L70(9K) > 50000h			
Beam			C0-C180 79°	C0-C180 79°
			C90-C270 93°	C90-C270 93°
Efficiency			45%	45%
Efficacy	116 lm/W	124 lm/W	44 lm/W	47 lm/W

34 W



Algoritmo white LED	LED		luminaire	
Power	27 W	27 W	30 W	30 W
Flux	4240 lm	4400 lm	3307 lm	3432 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (typ.)			
Color tolerance	MacAdam 4SDCM			
Service life	L70(9K) > 50000h			
Efficiency			78%	78%
Efficacy	157 lm/W	163 lm/W	110 lm/W	114 lm/W

30 W



Values for luminaire body L 1188 mm.

Algoritmo Stand-alone white LED controllated prismoptic

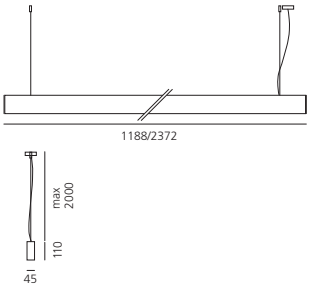
White ○ Gloss anodised ◑

Suspension Direct emission

LED White

W	Length	Weight	Flux	CCT	Color	non dimmable Code	Dali-SwitchDim Code
23 W	1188 mm	3,80 kg	1402 lm	3000 K	○	M2892W20	M2892W21
					◑	M2892W60	M2892W61
	1188 mm	3,80 kg	1520 lm	4000 K	○	M2892N20	M2892N21
					◑	M2892N60	M2892N61
46 W	2372 mm	7,10 kg	2804 lm	3000 K	○	M2893W20	M2893W21
					◑	M2893W60	M2893W61
	2372 mm	7,10 kg	3040 lm	4000 K	○	M2893N20	M2893N21
					◑	M2893N60	M2893N61

IP20 ⏚ 850° (direct) 650° (direct+indirect)



Suspension Direct + Indirect emission fluo

LED White + fluo

W	Length	Weight	CCT (LED)	Color	non dimmable Code	Dali-SwitchDim* Code
23 W 1x39 W (T16 (G5))	1188 mm	4,00 kg	3000 K	○	M2894W20	M2894W21
				◑	M2894W60	M2894W61
	1188 mm	4,00 kg	4000 K	○	M2894N20	M2894N21
				◑	M2894N60	M2894N61
46 W 2x39 W (T16 (G5))	2372 mm	7,30 kg	3000 K	○	M2895W20	M2895W21
				◑	M2895W60	M2895W61
	2372 mm	7,30 kg	4000 K	○	M2895N20	M2895N21
				◑	M2895N60	M2895N61

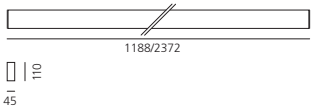
* Only direct emission is dimmable.
Upper screen in PMMA included.

Ceiling Direct emission

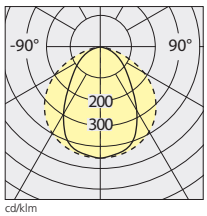
LED White

W	Length	Weight	Flux	CCT	Color	non dimmable Code	Dali-SwitchDim Code
23 W	1188 mm	3,80 kg	1402 lm	3000 K	○	M2896W20	M2896W21
					◑	M2896W60	M2896W61
	1188 mm	3,80 kg	1520 lm	4000 K	○	M2896N20	M2896N21
					◑	M2896N60	M2896N61
46 W	2372 mm	7,10 kg	2804 lm	3000 K	○	M2897W20	M2897W21
					◑	M2897W60	M2897W61
	2372 mm	7,10 kg	3040 lm	4000 K	○	M2897N20	M2897N21
					◑	M2897N60	M2897N61

IP20 ⏚ 850°



23 W



cd/klm

C0 - C180
C90 - C270

3000 K

H m	Ø m	EMax lux	EM lux
1	1,47	645	212
2	2,94	161	53
3	4,41	72	24
4	5,87	40	13
5	7,34	26	8

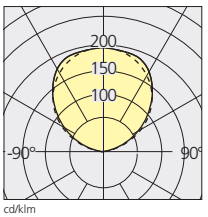
4000 K

H m	Ø m	EMax lux	EM lux
1	1,47	700	230
2	2,94	175	57
3	4,41	78	26
4	5,87	44	14
5	7,34	28	9

Indirect T16 (G5)

Efficiency 62%

39 W 3100 lm



cd/klm

Values for luminaire body L 1188 mm.

Algoritmo Stand-alone fluo dark light emission

White ○ Gloss anodised ◑

Suspension Direct emission

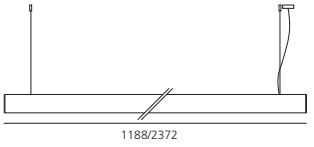
T16-SLS (G5) — non dimmable

W	Length	Weight	Color	Code
1x54 W	1188 mm	3,80 kg	○	M207020
			◑	M207060
2x54 W	2372 mm	7,10 kg	○	M207120
			◑	M207160

T16-SLS (G5) — Dali-SwitchDim

W	Length	Weight	Color	Code
1x28-54 W	1188 mm	3,80 kg	○	M207021
			◑	M207061
2x28-54 W	2372 mm	7,10 kg	○	M207121
			◑	M207161

IP20 ⏚ 960°



Suspension Direct + Indirect emission

T16-SLS (G5) — non dimmable

W	Length	Weight	Color	Code
1x54 W (T16-SLS (G5)) + 1x39 W (T16 (G5))	1188 mm	4,00 kg	○	M207220
			◑	M207260
2x54 W (T16-SLS (G5)) + 2x39 W (T16 (G5))	2372 mm	7,30 kg	○	M207320
			◑	M207360

T16-SLS (G5) — Dali-SwitchDim*

W	Length	Weight	Color	Code
1x28-54 W (T16-SLS (G5)) + 1x39 W (T16 (G5))	1188 mm	4,00 kg	○	M207221
			◑	M207261
2x28-54 W (T16-SLS (G5)) + 2x39 W (T16 (G5))	2372 mm	7,30 kg	○	M207321
			◑	M207361

* Only direct emission is dimmable.
Upper screen in PMMA included.

Ceiling Direct emission

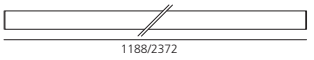
T16-SLS (G5) — non dimmable

W	Length	Weight	Color	Code
1x54 W	1188 mm	3,80 kg	○	M206820
			◑	M206860
2x54 W	2372 mm	7,10 kg	○	M206920
			◑	M206960

T16-SLS (G5) — Dali-SwitchDim

W	Length	Weight	Color	Code
1x28-54 W	1188 mm	3,80 kg	○	M206821
			◑	M206861
2x28-54 W	2372 mm	7,10 kg	○	M206921
			◑	M206961

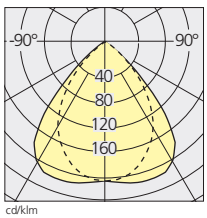
IP20 ⏚ 960°



Direct T16-SLS (G5) — **28/54 W** 2600/4450 lm

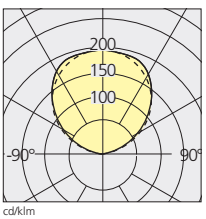
Efficiency **33%**

UGR < 19 2θ/2 = 85°	54 W	28 W
E_0 (h 1m)	916 lux	531 lux
E_0 (h 2m)	229 lux	133 lux



Indirect T16 (G5) — **39 W** 3100 lm

Efficiency **62%**



Algoritmo Stand-alone RGB LED diffused emission

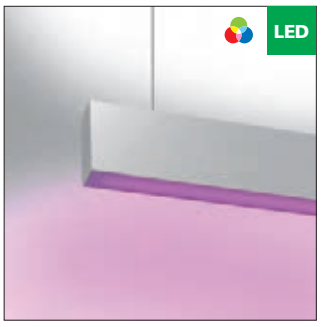
White ○ Gloss anodised ◑

Suspension Direct emission

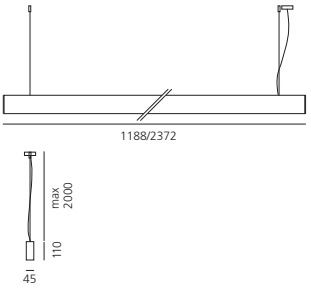
LED RGB

W	Length	Weight	Color	Dali dimmable Code
21 W	1188 mm	3,80 kg	○	M207420
			◑	M207460
42 W	2372 mm	7,10 kg	○	M207520
			◑	M207560

Uses 3 dali addresses .



IP20 ⏚ 850° (direct)
650° (direct+indirect)



Suspension Direct + Indirect emission

LED RGB

W	Length	Weight	Color	Dali dimmable* Code
21 W	1188 mm	4,00 kg	○	M207620
1x39 W (T16 (G5))			◑	M207660
42 W	2372 mm	7,30 kg	○	M207720
1x39 W (T16 (G5))			◑	M207760

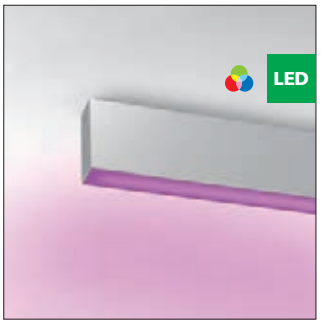
*Only direct emission is dimmable.
Uses 3 dali addresses .
Upper screen in PMMA included.

Wall/ceiling Direct emission

LED RGB

W	Length	Weight	Color	Dali dimmable Code
21 W	1188 mm	3,80 kg	○	M207820
			◑	M207860
42 W	2372 mm	7,10 kg	○	M207920
			◑	M207960

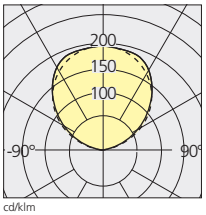
Uses 3 dali addresses .

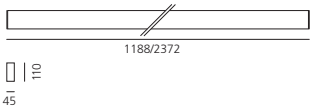


IP20 ⏚ 850°

Indirect T16 (G5) **39 W** 3100 lm

Efficiency 62%

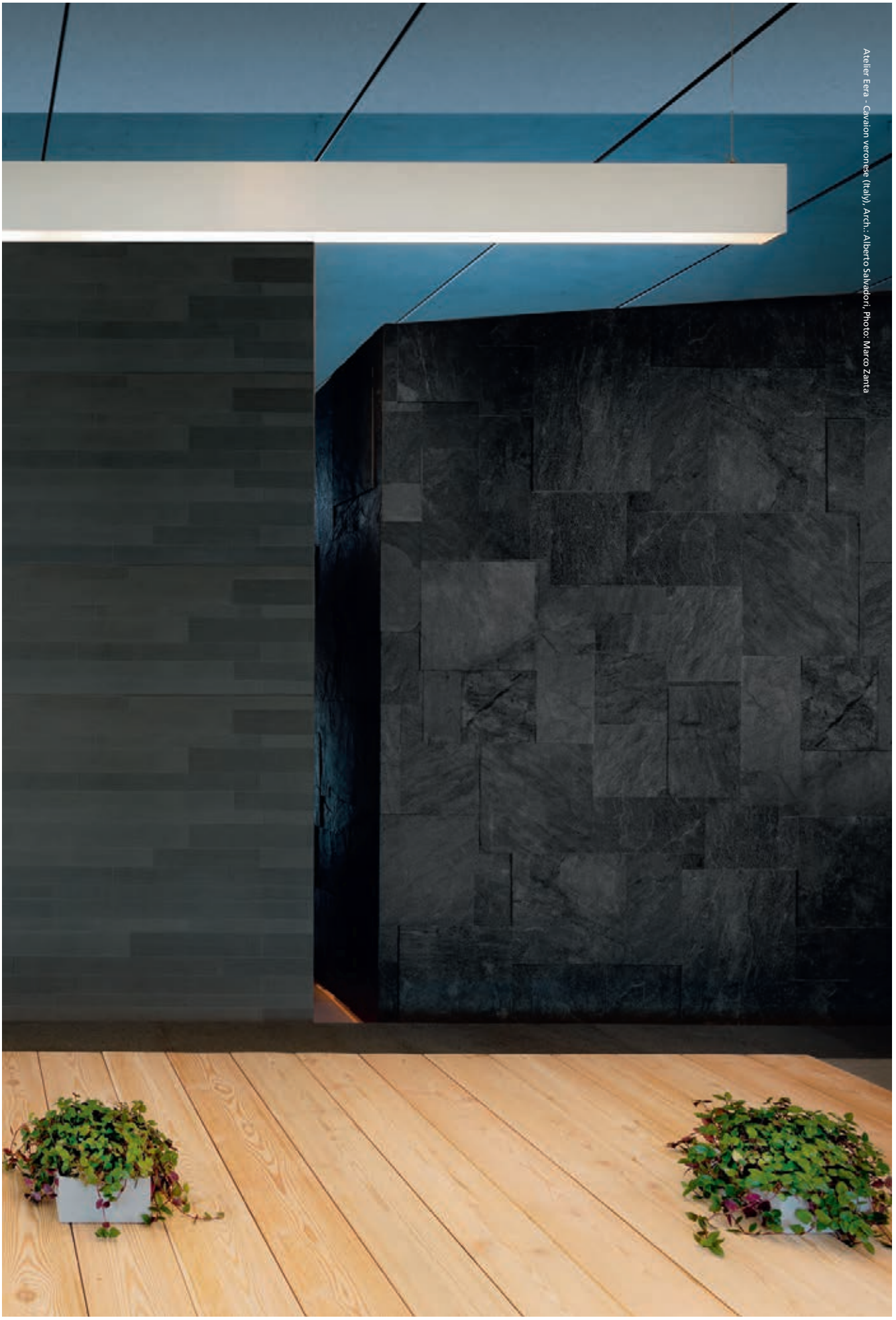




Light sources

		Code
	T16-SEAMLESS (G5) fluorescent tube 1 piece	
	28 W (3000 K)	M004810
	28 W (4000 K)	M004815
	54 W (3000 K)	M004800
	54 W (4000 K)	M004805

	T16 (G5) fluorescent tube 1 piece	
	39 W (3000 K)	M004380
	39 W (4000 K)	M004381



Atelier Eera - Cavaion veronese (Italy), Arch.: Alberto Salvadori, Photo: Marco Zanta

Nothing 86
System

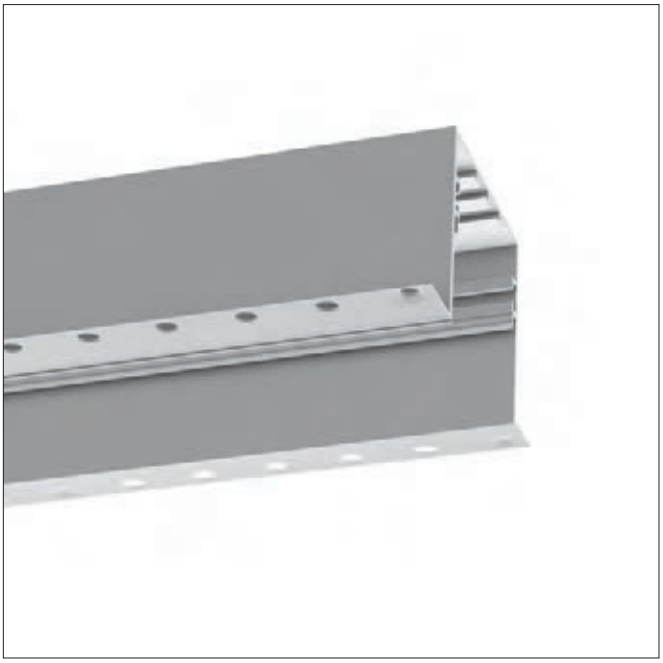
Ernesto Gismondi
2013

Nothing 86 is a versatile modular lighting system for linear diffused or dark light emissions and freely configurable accent lighting.

Nothing 86 System recessed

Atelier Eera - Cavaion Veronese (Italy)
Arch.: Alberto Salvadori, Photo: Marco Zanta

Structural modules +



Structural module
for recessed wall installation.
Trimless ring,
needs plaster finish.
End caps, angles,
intermediate connectors
and optics to be ordered
separately.

- Recessed ceiling modular system.
- Components: structural modules in extruded aluminium, pre-wired gear trays and optics.
- Structural modules available in 10 lengths (from 237 to 4736 mm) and, thanks to their flexibility, can house and freely alternate light sources.
- The original sequence can be modified over time, provided the total length of the system is kept the same.
- Linear fluorescent sources with diffused or dark light emissions, white or RB LEDs with diffused emission, spot modules for accent lighting can be alternated to customize the sequence, with or without fluorescent indirect emission.
- Feeding plates with through-cabling and rapid connectors.
- To remove shadows in the joining area between 2 fluorescent lights, T16-Seamless lamps or traditional T16 fluorescent tubes with overlapping arrangements for uninterrupted light lines.
- 2 LED versions: with monochromatic warm white emissions (3000K), neutral white emission (4000K) and RGB emission.
- Same-plane angular configurations available, perpendicular angular configurations available on request.
- Compliant with standard EN60598-1 and other specific standards.

Junction components +

End caps.
(set of 2)

Intermediate connector.
(to be used for combining
spotlighting modules
with dark light or diffusing
emission).

90° angle.
(to mechanically connect 2
recessed modules on the
same plane).

Pre-wired gear trays +

Pre-wired gear tray
for white LED direct
diffused emission
prismoptic.
Integrated
MV through-wiring.

Pre-wired gear tray
for white RGB LED direct
diffused emission.
Integrated
LV through-wiring.

Pre-wired gear tray
for fluorescent T16 tubes.
Diffused direct emission.
Integrated
MV through-wiring.

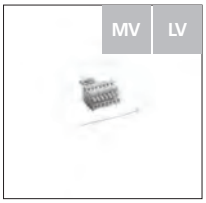
Pre-wired gear tray
for fluorescent T16 tubes.
Dark light diffused
direct emission.
Integrated
MV through-wiring.

Pre-wired gear tray for
fluorescent T16-SLS tubes.
Diffused direct emission.
Integrated
MV through-wiring.

Accent modules.

Electrical components +

Supplementary
through-wiring (Optional).
To be used in configuration
with LV and MV pre-cabled
gear trays.

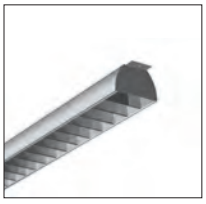


Power supply kit.

Optical system +

Opal diffuser in polycarbonate
for LED diffused versions.

Opal PMMA diffuser
for fluorescent versions.



Dark light optics
for fluorescent versions.

Prismoptics optics for white
LED versions.

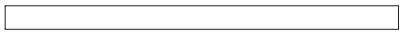
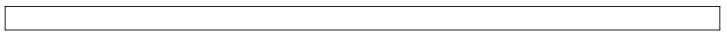
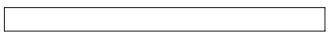
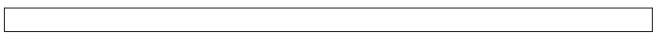
Closing / joining screens +

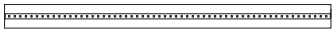
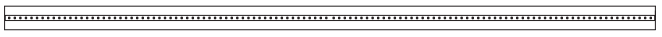
Junction to be fitted
to the module on the same
plane.
Compatible with the junction
for the same plane.

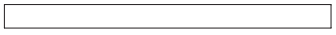
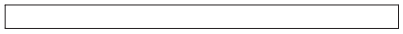
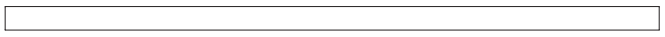
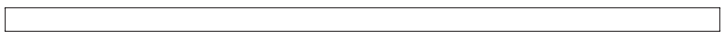
LED power supplies and control systems

Electronic power supply
unit. IP67.

Control interface:
IP20 and IP67.
Allows management
of groups of LV fittings.

Structural modules	Length	
	237 mm	1L
	474 mm	2L
	710 mm	3L
	947 mm	4L
	1184 mm	5L
	1421 mm	6L
	2368 mm	10L
	2605 mm	11L
	1170 mm	1DL
	2340 mm	2DL

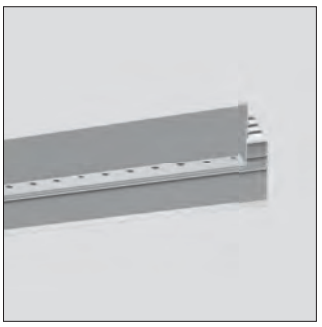
Pre-wired gear trays		Length	
	Accent module	237 mm	1L
	LED pre-wired gear tray	1184 mm	5L
	LED pre-wired gear tray	2368 mm	10L
	T16-SLS diffused pre-wired gear tray	1184 mm	5L
	Diffused fluo T16 gear	1421 mm	6L
	Dark-light fluo T16 gear (single)	1170 mm	1DL
	Dark-light fluo T16 gear (dual)	2340 mm	2DL

Optics		Length	
	Diffusor for LED or Fluo	1184 mm	5L
	Diffusor for LED or Fluo	1421 mm	6L
	Diffusor for LED or Fluo	2368 mm	10L
	Diffusor for LED or Fluo	2605 mm	11L
	Diffusor for LED or Fluo	4736 mm	20L
	Dark light Fluo Optic	1170 mm	1DL
	Prismoptic for white LED	1184 mm	5L
	Prismoptic for white LED	2368 mm	10L

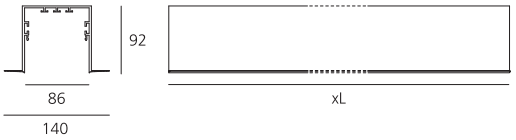
White ○ Gloss anodised ◑

Structural module

Length		Color	Code
237 mm	**1L**	○	M230000
474 mm	**2L**	○	M230100
710 mm	**3L**	○	M230200
947 mm	**4L**	○	M230300
1184 mm	**5L**	○	M230400
1421 mm	**6L**	○	M230500
2368 mm	**10L**	○	M230600
2605 mm	**11L**	○	M230700
1170 mm	**1DL**	○	M230900
2340 mm	**2DL**	○	M231000

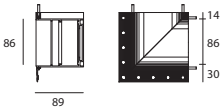


100x(ΣL+10 mm)



Accessories

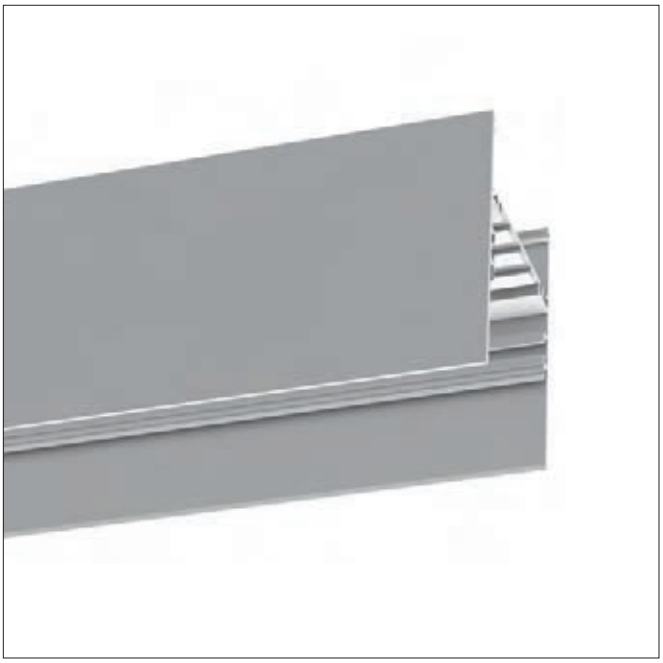
		Color	Code
	End caps (set of 2)		M232400
	Intermediate joint Used to connect accent lighting modules to dark light or diffused modules.	○ ●	M194620 M194660
	90° joint To connect two recessed modules on the same plane.		M181700



Nothing 86 System ceiling/suspension

Nothing 86 System Ceiling/Suspension Components

Structural modules +



Structural module
for ceiling-
or suspended-mounting.
End caps, angles, fixing
components, plates
and optics to be ordered
separately.

- Ceiling-mounted and suspended modular system.
- Components: structural modules in extruded aluminium, pre-wired gear trays and optics.
- Structural modules available in 12 lengths (from 237 to 4736 mm) and, thanks to their flexibility, can house and freely alternate luminaires.
- The original sequence can be modified over time, provided the total length of the system is kept the same.
- Linear fluorescent sources with diffused or dark light emissions, white or RB LEDs with diffused emission and prismoptic, spot modules for accent lighting can be alternated to customize the sequence, with or without fluorescent indirect emission.
- Supply plates with through-wiring and rapid connectors.
- To remove shadows in the joining area between 2 fluorescent lights, T16-Seamless lamps or traditional T16 fluorescent tubes with overlapping arrangements for uninterrupted light lines.
- 2 LED versions: with monochromatic warm white emissions (3000K), neutral white emission (4000K) and RGB emission.
- Same-plane angular configurations available, perpendicular angular configurations available on request.
- Compliant with standard EN60598-1 and other specific standards.

Installation components +

Ceiling fixing bracket
(1 piece)

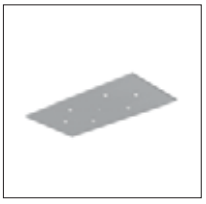
Steel suspension cable
(1 piece)

Suspension set with steel
cable and power supply
cable (1 piece)
Length 2000mm

Junction components +

End caps
(set of 2)

Intermediate joint
(to be used for combining
spotlighting modules with
fluorescent modules with
dark light or diffusing
emission)



Linear connector

90° joint
(to connect two modules
on one same plane).

Pre-wired gear trays +

Pre-wired gear tray
for white LED direct
diffused emission and
prismoptic.
Integrated
MV through-wiring.

Pre-wired gear tray
for white RGB LED direct
diffused emission.
Integrated
LV through-wiring.

Pre-wired gear tray
for fluorescent T16 tubes.
Diffused direct emission.
Integrated
MV through-wiring.

Pre-wired gear tray
for fluorescent T16 tubes.
Indirect emission.

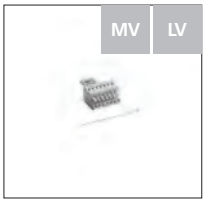
Pre-wired gear tray for
fluorescent T16-SLS tubes.
Diffused direct emission.
Integrated
MV through-wiring.

Pre-wired gear tray
for fluorescent T16 tubes.
Dark light direct emission.
Integrated
MV through-wiring.

Accent modules.

Electrical components +

Supplementary through-wiring
(Optional).
To be used in configuration
with LV and MV pre-cabled
gear trays.

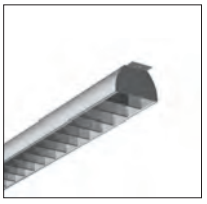


Power supply kit.

Optical system +

Opal diffuser in polycarbonate
for LED diffused versions.

Opal PMMA diffuser
for fluorescent versions.



Dark light optics
for fluorescent versions.

PMMA prismoptics optics.

Closing / joining screens +

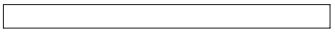
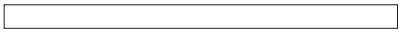
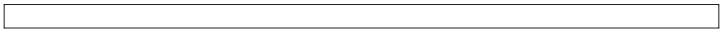
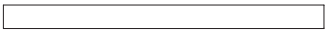
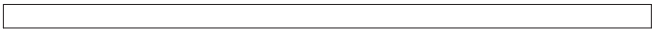
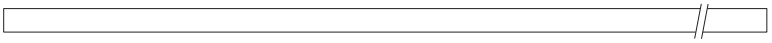
Joints between each two
modules on the same level.
Compatible with joints for
connection on the same
level.

LED power supplies and control systems

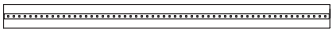
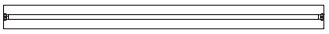
Electronic power supply
unit. IP67.

Control interface:
IP20 and IP67.
Allows management
of groups of LV fittings.

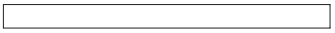
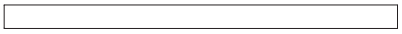
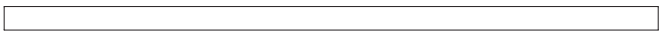
Structural modules

	Length	
	237 mm	1L
	474 mm	2L
	710 mm	3L
	947 mm	4L
	1184 mm	5L
	1421 mm	6L
	2368 mm	10L
	2605 mm	11L
	4736 mm	20L
	1170 mm	1DL
	2340 mm	2DL
	4680 mm	4DL

Pre-wired gear trays

		Length	
	Accent module	237 mm	1L
	LED pre-wired gear tray	1184 mm	5L
	LED pre-wired gear tray	2368 mm	10L
	T16-SLS diffused pre-wired gear tray	1184 mm	5L
	Piastra Fluo diffuser T16	1421 mm	6L
	Piastra Fluo dark-light T16 (single)	1170 mm	1DL
	Piastra Fluo dark-light T16 (double)	2340 mm	2DL

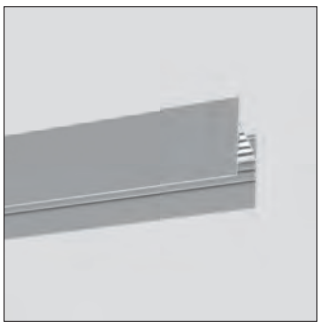
Optics

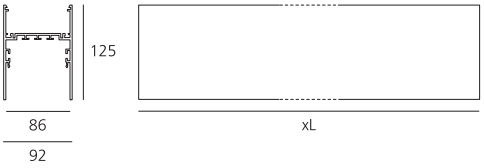
		Length	
	Diffuser for LED or Fluo	1184 mm	5L
	Diffuser for LED or Fluo	1421 mm	6L
	Diffuser for LED or Fluo	2368 mm	10L
	Diffuser for LED or Fluo	2605 mm	11L
	Diffuser for LED or Fluo	4736 mm	20L
	Dark light Fluo Optic	1170 mm	1DL
	Prismoptic for white LED	1184 mm	5L
	Prismoptic for white LED	2368 mm	10L

White ○ Gloss anodised ◑

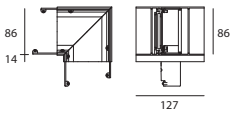
Structural module

Length		Color	Code
237 mm	1L	○	M231220
		◑	M231260
474 mm	2L	○	M231320
		◑	M231360
710 mm	3L	○	M231420
		◑	M231460
947 mm	4L	○	M231520
		◑	M231560
1184 mm	5L	○	M231620
		◑	M231660
1421 mm	6L	○	M231720
		◑	M231760
2368 mm	10L	○	M231820
		◑	M231860
2605mm	11L	○	M231920
		◑	M231960
4736 mm	20L	○	M232020
		◑	M232060
1170 mm	1DL	○	M232120
		◑	M232160
2340 mm	2DL	○	M232220
		◑	M232260
4680 mm	4DL	○	M232320
		◑	M232360

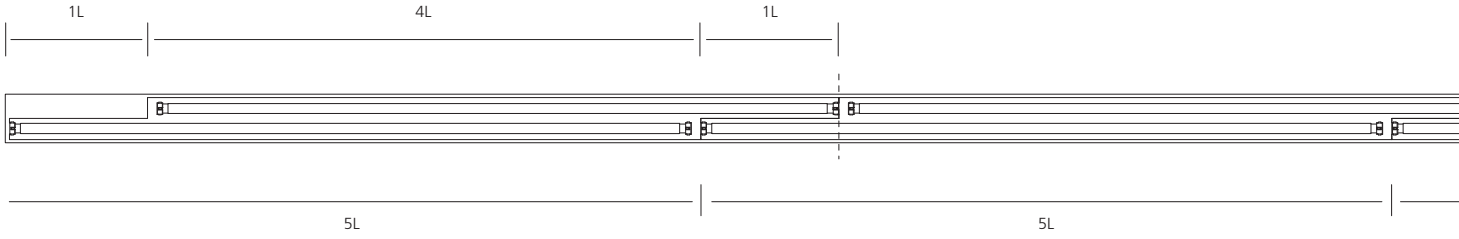




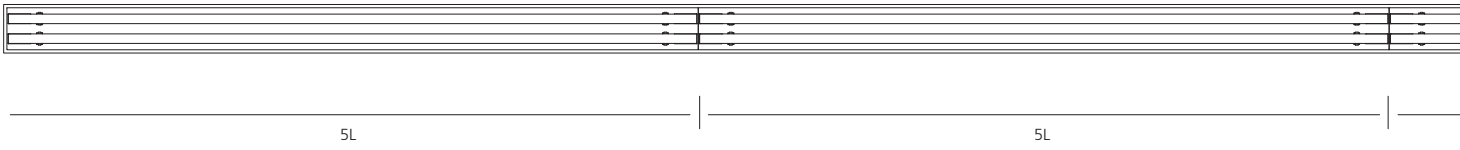
Accessories

		Color	Code
	End caps. (set of 2)	○ ◑	M194320 M194360
	Linear connector. (1 piece)		M194500
	Ceiling fixing bracket. (1 piece)		M232600
	Intermediate joint. To be used for combining spotlighting modules with fluorescent modules with dark light or diffusing emission.	○ ◑	M194620 M194660
	90° joint. To mechanically connect 2 modules on one same plane. 	○ ◑	M181820 M181860
	Steel suspension cable. (1 piece). Length 2000 mm.		M194700
	Suspension set with steel cable and power supply cable. Length 2000 mm.		
	LV (3x1,5mm²). For powering LED RGB plates.		M194800
	MV (5x1,5mm² + 2x0,5mm²). For powering fluorescent modules, white LED plates and accent modules.		M194900

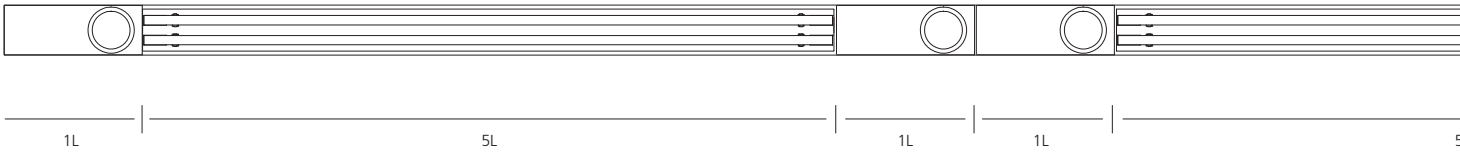
Line with fluorescent T16- diffuser modules



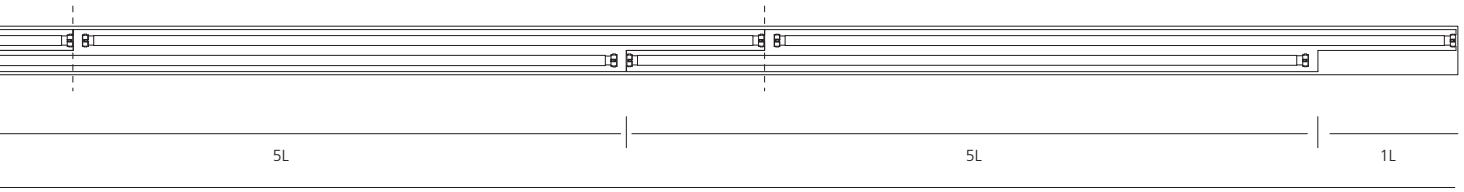
= (20L+1L) o (10L+11L)

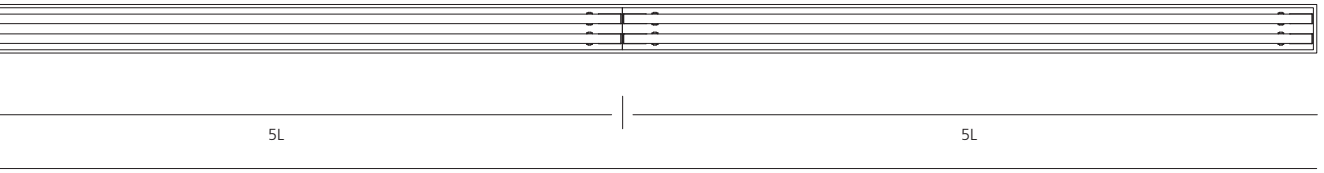
Line with fluorescent T16-SLS diffuser modules

= (1x20L) o (2x10L) o (4x5L)

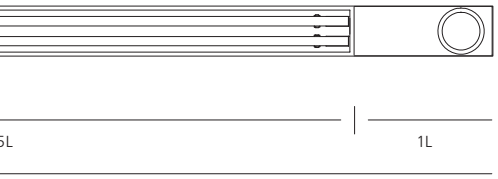
Mixed line with fluorescent T16-SLS diffuser modules and spotling/accent units.



= (10L+4L) o (6L+2L+6L)


5L
5L
1L


5L
5L


5L
1L

Wired gear plates

White LED direct emission

W	Length		CCT	non dimmable Code	Dali-SwitchDim Code
23 W	1184 mm	5L	3000 K	M232800	M232801
			4000 K	M232900	M232901
46 W	2368 mm	10L	3000 K	M237800	M237801
			4000 K	M237900	M237901

Integrated MV through-cabling.

RGB LED direct emission

W (LED)	Length		non dimmable Code
18 W	1184 mm	5L	M233600

Integrated LV through-cabling.
Power supply groups and lighting management kits are required. To be ordered separately.

Direct diffused emission T16 (G5)

W	Length		non dimmable Code
2x54 W	1421 mm	6L	M233000

Direct diffused emission T16 (G5)

W	Length		Dali-SwitchDim Code
2x28-54 W	1421 mm	6L	M233001

Integrated MV through-cabling.

Direct diffused emission T16-SLS (G5)

W	Length		non dimmable Code
2x54 W	1184 mm	5L	M233300

Direct diffused emission T16 (G5)

W	Length		Dali-SwitchDim Code
2x28-54 W	1184 mm	5L	M233301

Integrated MV through-cabling.

Indirect emission T16 (G5)

W	Length	non dimmable Code
1x39 W	875 mm	M233100
2x39 W	1750 mm	M233200

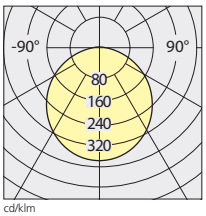
Upper screen in PMAA included.

650°

Diffuser for LED modules

Lenght		Code
1184 mm	**5L**	M235100
1420 mm	**6L**	M235200
2368 mm	**10L**	M235300
2605 mm	**11L**	M235400
4736 mm	**20L**	M235500

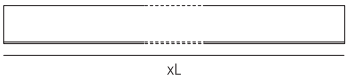
Nothing 86 LED White	direct LED		luminaire		24 W
Power	20 W	20 W	24 W	24 W	
Flux	2940 lm	3075 lm	1730 lm	1810 m	
CCT	3000 K	4000 K	3000 K	4000 K	
CRI	=80 (typ.)				
Color tolerance	MacAdam 3SDCM				
Service life	L70(6K) > 50000h				
Efficiency			59%	59%	
Efficacy	145 lm/W	153 lm/W	72 lm/W	75 lm/W	

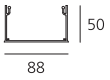


cd/klm

Values related to luminaire body L 1184 mm.

850°





Diffuser for fluorescent modules

Length		Code
1184 mm	**5L**	M234500
1421 mm	**6L**	M234600
2368 mm	**10L**	M234700
2605 mm	**11L**	M234800
4736 mm	**20L**	M234900

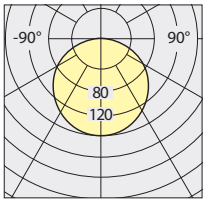
Direct T16 (G5)

Efficiency 46%

Direct T16-SLS (G5)

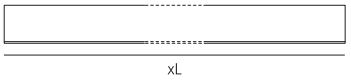
Efficiency 46%

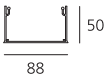
28/54 W 2600/4450 lm



cd/klm

650°

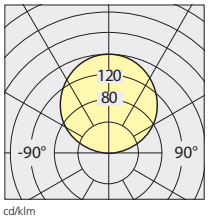




Indirect T16 (G5)

Efficiency 45%

39 W 3100 lm



cd/klm

Wired gear plates

White LED direct emission

W	Length		CCT	non dimmable Code	Dali-SwitchDim Code
24 W	1184 mm	5L	3000 K	M232800	M232801
			4000 K	M232900	M232901
46 W	2368 mm	10L	3000 K	M237800	M237801
			4000 K	M237900	M237901

Integrated MV through-cabling.

Indirect emission T16 (G5)

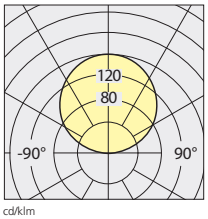
W	Length	non dimmable Code
1x39 W	875 mm	M233100
2x39 W	1750 mm	M233200

Upper screen in PMAA included.

650°

Indirect T16 (G5) — **39 W** 3100 lm

Efficiency **45%**



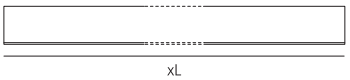
cd/klm

Optics

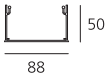
Diffuser for LED modules

Length	Code
1184 mm 5L	M289800
2368 mm 10L	M289900

850°



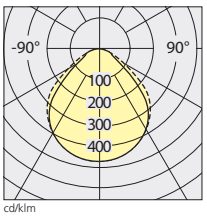
xL



50

88

24 W LED



cd/klm

3000 K				4000 K			
H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	2,07	572	192	1	2,07	615	207
2	4,14	143	48	2	4,14	154	52
3	6,21	64	21	3	6,21	68	23
4	8,28	36	12	4	8,28	38	13
5	10,35	23	8	5	10,35	25	8

Values for luminaire body L 1184 mm.

Wired gear plates

Direct emission T16 (G5) — non dimmable

W	Length		Code
1x54 W	1170 mm	**1DL**	M233400
2x54 W	2340 mm	**2DL**	M233500

Direct emission T16 (G5) — Dali-SwitchDim

W	Length		Code
1x28-54 W	1170 mm	**1DL**	M233401
2x28-54 W	2340 mm	**2DL**	M233501

Integrated MV through-cabling.

⏚

Indirect emission T16 (G5) — non dimmable

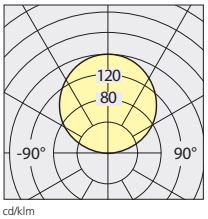
W	Length	Code
1x39 W	875 mm	M233100
2x39 W	1750 mm	M233200

Upper screen in PMAA included.

⏚ 650°

Indirect T16 (G5) — **39 W** 3100 lm

Efficiency **45%**

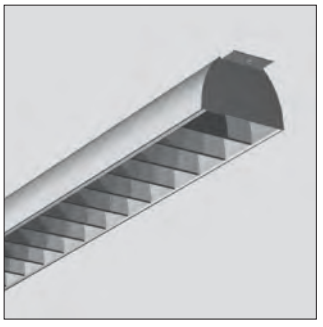


cd/klm

Optics

Dark Light Optics

Length		Code
1170 mm	**1DL**	M235000



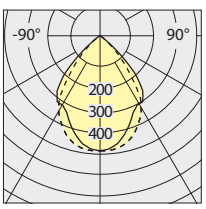
960°

Direct T16 (G5) — **28/54 W** 2600/4450 lm

Efficiency **72%**

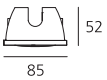
UGR < 19

2θ/2 = 88°	54 W	28 W
E_0 (h 1m)	2095 lux	1130 lux
E_0 (h 2m)	524 lux	283 lux



cd/klm

C0 - C180
C90 - C270



Wired gear plates

Black ●

LED (GU10)

W	Length		Color	Code
1x7 W	237 mm	1L	●	M234400

HIPAR51 (GX10)

W	Length		Color	Code
1x29 W	237 mm	1L	●	M234000

QR-CBC51 (GU5,3)

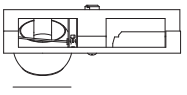
W	Length		Color	Code
1xmax35 W	237 mm	1L	●	M233900

HIT-TC-CE (GU6,5)

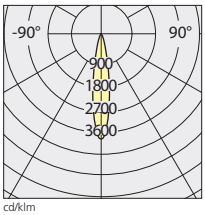
W	Length		Beam	Color	Code
1x20 W	2367 mm	1L	18°	●	M234200SP
			26°	●	M234200MFL
			40°	●	M234200FL

Integrated electronic power supply.
Integrated MV through-cabling.

850°

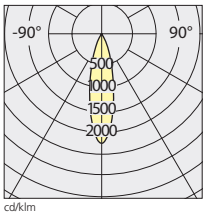


20 W/1000 lm — Efficiency 60% — α=18°



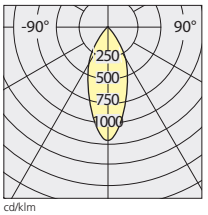
H m	Ø m	EMax lux	EM lux
1	0,31	3815	2417
2	0,62	954	604
3	0,93	424	269
4	1,24	238	151
5	1,55	153	97

20 W/1000 lm — Efficiency 58% — α=26°



H m	Ø m	EMax lux	EM lux
1	0,45	2128	1301
2	0,89	532	325
3	1,34	236	145
4	1,79	133	81
5	2,24	85	52

20 W/1000 lm — Efficiency 73% — α=40°



H m	Ø m	EMax lux	EM lux
1	0,74	1177	658
2	1,47	294	164
3	2,21	131	73
4	2,95	74	41
5	3,69	47	26

Indirect emission T16 (G5) — non dimmable

W	Length	Code
1x39 W	875 mm	M233100
2x39 W	1750 mm	M233200

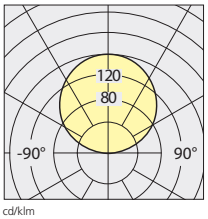
Upper screen in PMAA included.

650°

Indirect T16 (G5)

Efficiency 45%

39 W 3100 lm



Showroom Vodafone Milan (Italy)

Power supply/light management system for LED*

Electronic power supply
IP67. Input voltage range: 90-264VAC / 47-63 VDC. Output voltage: 48 VDC. Protection against overcurrent, overvoltage, short-circuit and overtemperature, with automatic reactivation.

	Code
100 W For feeding up to a total 90 W. 220x68x38 mm.	M075000
240 W For feeding up to a total 225 W. 244x68x39 mm.	M075100
320 W For feeding up to a total 300 W. 252x90x44 mm.	M076100

Control interface
It allows the management of LED rgb groups of Nothing 86 System devices through Dali or Dmx light management systems (not included).

IP67

Integrated sequencer for stand-alone operation with predefined colour sequence. Possibilty of master-slave configuration.

IP20

	Code
IP67. Compactible DALI-Switch Dimm 310x168x90 mm.	M077000
IP67. Compactible DALI-Switch Dimm or DMX. 310x168x90 mm.	M077100
IP20. Compactible DALI-Switch Dimm Suitable for DIN rail mounting. 106x90x70 mm.	M077200
IP20. Compactible DALI-Switch Dimm or DMX. Suitable for DIN rail mounting. 106x90x70 mm.	M077300

For electrical scheme, please see page 380

Electrical components

Optional through-wiring.
(optional).
Required for configurations including LV and MV pre-cabled gear trays.

		Code
LV	237 mm	M211700
LV	1170/1184 mm	M198800
LV	1421mm	M211600

in the event of 'n' cabled gear plates of 6 m. length, the first 'N-1' will use optional through-wiring l=1184, whereas the last gear plate will use an optional cable L=1421

LV	2340/2368 mm	M199000
MV	1184 mm	M198700
MV	2368 mm	M198900

Power supply kit.
Enables connection to the first pre-wired gear tray of the initial module. To be used only with ceiling-recessed and ceiling-mounted installations.

	Code
LV (3xmax 1,5 mm²) For powering LED RGB trays.	M073230
MV (7xmax 1,5 mm²) For powering fluorescent modules, white LED plates and accent modules.	M073240

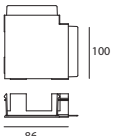
Accessories

Closure panel.
Length 237 mm (1L).

Color	Code
●	M232710

Closure screens for 90° joints

Junction to be fitted for modules at 90° on the same plane.
Compatible with the junction for the same plane.



	Code
For continuity between LED diffused emission modules and spot modules.	M167500
For continuity between fluo diffused emission modules.	M167600
For continuity between fluo dark light emission modules.	M167700

Light sources

Fluorescent tube T16-SEAMLESS (G5)
1 piece

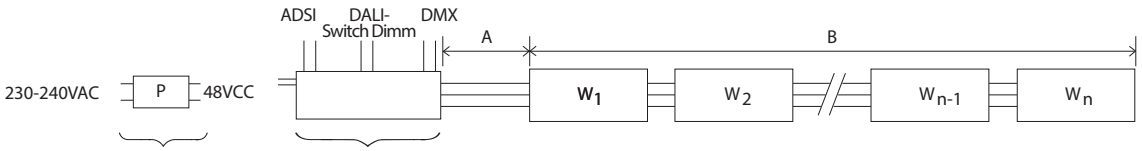
	Code
28 W (3000 K)	M004810
28 W (4000 K)	M004815
54 W (3000 K)	M004800
54 W (4000 K)	M004805

Fluorescent tube T16 (G5)
1 piece

	Code
28 W (3000 K)-direct	M004380
28 W (4000 K)-direct	M004325
54 W (3000 K)-direct	M004350
54 W (4000 K)-direct	M004355
39 W (3000 K)-indirect	M004380
39 W (4000 K)-indirect	M004381

Nothing 86 LED management (LV): electrical scheme

Stand-alone 1 *



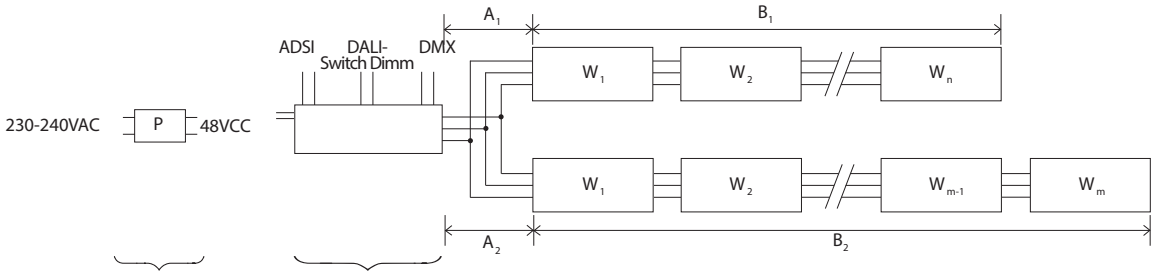
∑W < 0,8P
2A + B < 50m
n < 24 units

Power supply unit
M075000 (P=100 W)
M075100 (P=240 W)
M076100 (P=320 W)

Control interface
M077200 / M077000
(DALI-SwitchDim)
M077300 / M077100
(DALI-SwitchDim or DMX)

LED fitting LED fitting LED fitting LED fitting

Stand-alone 2 *



∑W < 0,8P
2(A1+A2)
+ B1 + B2 < 50m
n+m < 24 units

Power supply unit
M075000 (P=100 W)
M075100 (P=240 W)
M076100 (P=320 W)

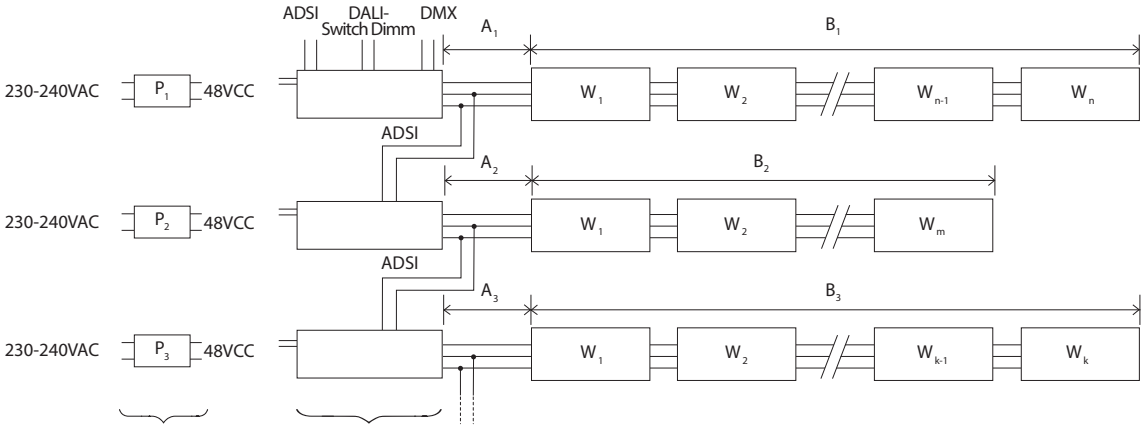
Control interface
M077200 / M077000
(DALI-SwitchDim)
M077300 / M077100
(DALI-SwitchDim or DMX)

LED fitting LED fitting LED fitting LED fitting

* Maximum values.

For lighting design, please use data available on the control interface manual.

Master-slave *



∑W < 0,8P1
2A1+ B1 < 50m
n < 24 units

∑W < 0,8P2
2A2+ B2 < 50m
m < 24 units

∑W < 0,8P3
2A3+ B3< 50m
k < 24 units

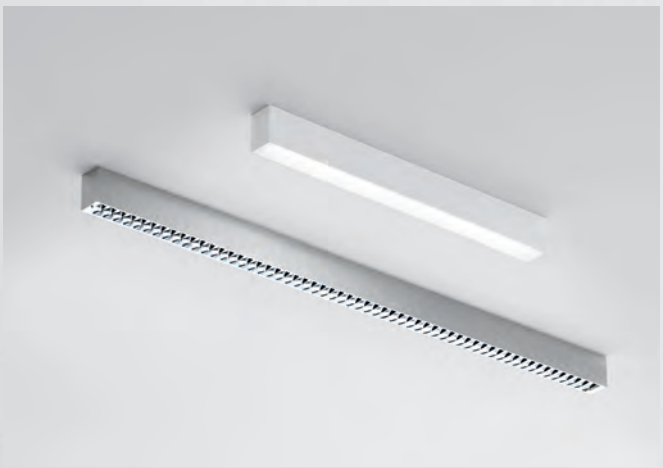
Power supply unit
M075000 (P=100 W)
M075100 (P=240 W)
M076100 (P=320 W)

Control interface
M077200 / M077000
(DALI-SwitchDim)
M077300 / M077100
(DALI-SwitchDim or DMX)

LED fitting LED fitting LED fitting LED fitting

Nothing 86
Stand alone

Ernesto Gismondi
2013

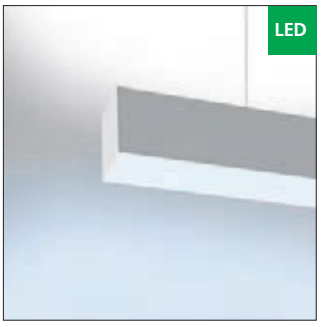


Nothing 86 Stand-alone suspension white LED diffused emission

White ○ Gloss anodised ◑

Direct emission

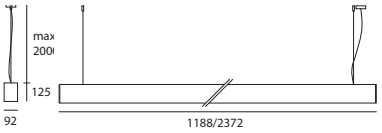
LED White				non dimmable	Dali-SwitchDim
W	Length	Flux	CCT Color	Code	Code
24 W	1188 mm	1730 lm	3000 K ○	M202120	M202121
			◑	M202160	M202161
	1188 mm	1810 lm	4000 K ○	M202220	M202221
			◑	M202260	M202261
46 W	2372 mm	3460 lm	3000 K ○	M202320	M202321
			◑	M202360	M202361
	2372 mm	3620 lm	4000 K ○	M202420	M202421
			◑	M202460	M202461



IP20 ⏚ 850° (direct)
650° (direct+indirect)

Direct + indirect emission

LED White + fluo			non dimmable	Dali-SwitchDim*
W	Length	CCT (LED) Color	Code	Code
24 W	1188 mm	3000 K ○	M202520	M202521
1x39 W (T16 (G5))		◑	M202560	M202561
	1188 mm	4000 K ○	M202620	M202621
		◑	M202660	M202661
46 W	2372 mm	3000 K ○	M202720	M202721
2x39 W (T16 (G5))		◑	M202760	M202761
	2372 mm	4000 K ○	M202820	M202821
		◑	M202860	M202861

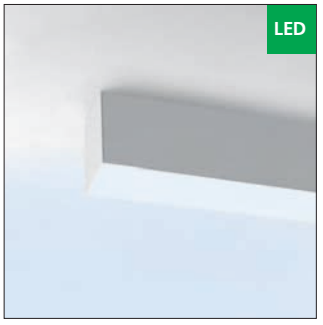


* Direct emission dimmable only.
Upper screen in PMAA included.

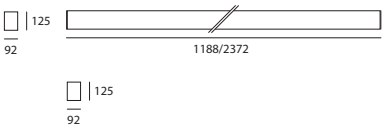
Nothing 86 Stand-alone ceiling LED white diffused emission

Direct emission

LED White				non dimmable	Dali-SwitchDim
W	Length	Flux	CCT Color	Code	Code
24 W	1188 mm	1730 lm	3000 K ○	M202920	M202921
			◑	M202960	M202961
	1188 mm	1810 lm	4000 K ○	M203020	M203021
			◑	M203060	M203061
46 W	2372 mm	2928 lm	3000 K ○	M203120	M203121
			◑	M203160	M203161
	2372 mm	3120 lm	4000 K ○	M203220	M203221
			◑	M203260	M203261

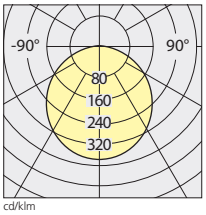


IP20 ⏚ 850°



Nothing 86 LED White	LED direct		luminaire	
Power	20 W	20 W	24 W	24 W
Flux	2940 lm	3075 lm	1730 lm	1810 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (typ.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(6K) > 50000h			
Efficiency			59%	59%
Efficacy	145 lm/W	153 lm/W	72 lm/W	75 lm/W

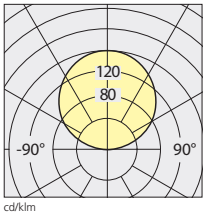
24 W



Indirect T16 (G5)

Efficiency 45%

39 W 3100 lm



Values for luminaire body L 1188 mm.

Nothing 86 System Stand-alone suspension fluo diffused emission

White ○ Gloss anodised ◑

Direct emission

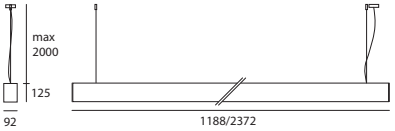
T16-SLS (G5) — non dimmable

W	Length	Color	Code
2x54 W	1188 mm	○	M235620
		◑	M235660
4x54 W	2372 mm	○	M235720
		◑	M235760

T16-SLS (G5) — Dali-SwitchDim

W	Length	Color	Code
2x28-54 W	1188 mm	○	M235621
		◑	M235661
4x28-54 W	2372 mm	○	M235721
		◑	M235761

IP20 ⏚ 650°



Direct + indirect emission

T16-SLS (G5) — non dimmable

W	Length	Color	Code
2x54 W (T16-SLS (G5)) + 1x39 W (T16 (G5))	1188 mm	○	M235820
		◑	M235860
4x54 W (T16-SLS (G5)) + 2x39 W (T16 (G5))	2372 mm	○	M235920
		◑	M235960

T16-SLS (G5) — Dali-SwitchDim*

W	Length	Color	Code
2x28-54 W (T16-SLS (G5)) + 1x39 W (T16 (G5))	1188 mm	○	M235821
		◑	M235861
4x28-54 W (T16-SLS (G5)) + 2x39 W (T16 (G5))	2372 mm	○	M235921
		◑	M235961

* Direct emission dimmable only.
Upper screen in PMAA included.

Nothing 86 System Stand-alone wall/ceiling fluo diffused emission

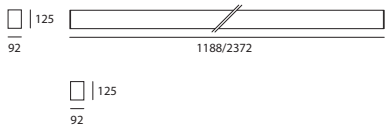
T16-SLS (G5) — non dimmable

W	Length	Color	Code
2x54 W	1188 mm	○	M236020
		◑	M236060
4x54 W	2372 mm	○	M236120
		◑	M236160

T16-SLS (G5) — Dali-SwitchDim

W	Length	Color	Code
2x28-54 W	1188 mm	○	M236021
		◑	M236061
4x28-54 W	2372 mm	○	M236121
		◑	M236161

IP20 ⏚ 650°



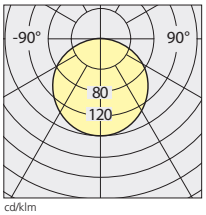
Direct T16(G5)

Efficiency 46%

Direct T16-SLS (G5)

Efficiency 46%

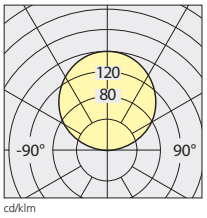
28/54 W 2600/4450 lm



Indirect T16 (G5)

Efficiency 45%

39 W 3100 lm



Nothing 86 System Stand-alone suspension LED emission prismoptic

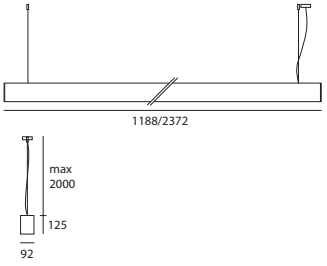
White ○ Gloss anodised ◑

Direct emission

LED White

W	Length	Flux	CCT	Color	non dimmable Code	Dali-SwitchDim Code
24 W	1188 mm	1283 lm	3000 K	○	M2900W20	M2900W21
				◑	M2900W60	M2900W61
	1188 mm	1380 lm	4000 K	○	M2900N20	M2900N21
				◑	M2900N60	M2900N61
46 W	2372 mm	2566 lm	3000 K	○	M2901W20	M2901W21
				◑	M2901W60	M2901W61
	2372 mm	2760 lm	4000 K	○	M2901N20	M2901N21
				◑	M2901N60	M2901N61

IP20 ⏚ 650°



Direct + indirect emission

LED White + fluo

W	Length	CCT (LED)	Color	non dimmable Code	Dali-SwitchDim* Code
24 W	1188 mm	3000 K	○	M2902W20	M2902W21
1x39 W (T16 (G5))			◑	M2902W60	M2902W61
	1188 mm	4000 K	○	M2902N20	M2902N21
			◑	M2902N60	M2902N61
46 W	2372 mm	3000 K	○	M2903W20	M2903W21
2x39 W (T16 (G5))			◑	M2903W60	M2903W61
	2372 mm	4000 K	○	M2903N20	M2903N21
			◑	M2903N60	M2903N61

* Direct emission dimmable only.
Upper screen in PMAA included.

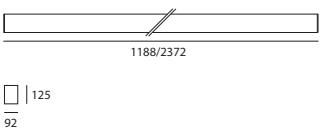
Nothing 86 System Stand-alone wall/ceiling LED emission prismoptic

Direct emission

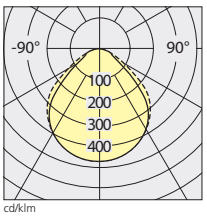
LED White

W	Length	Flux	CCT	Color	non dimmable Code	Dali-SwitchDim Code
24 W	1188 mm	1283 lm	3000 K	○	M2904W20	M2904W21
				◑	M2904W60	M2904W61
	1188 mm	1380 lm	4000 K	○	M2904N20	M2904N21
				◑	M2904N60	M2904N61
46 W	2372 mm	2566 lm	3000 K	○	M2905W20	M2905W21
				◑	M2905W60	M2905W61
	2372 mm	2760 lm	4000 K	○	M2905N20	M2905N21
				◑	M2905N60	M2905N61

IP20 ⏚ 650°



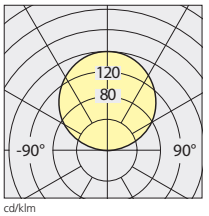
23 W LED



3000 K				4000 K			
H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	2,07	572	192	1	2,07	615	207
2	4,14	143	48	2	4,14	154	52
3	6,21	64	21	3	6,21	68	23
4	8,28	36	12	4	8,28	38	13
5	10,35	23	8	5	10,35	25	8

Indirect T16 (G5) **39 W** 3100 lm

Efficiency **45%**



Values related to luminaire body L 1184 mm.

Nothing 86 System Stand-alone suspension fluo dark light emission

White ○ Gloss anodised ◑

Direct emission

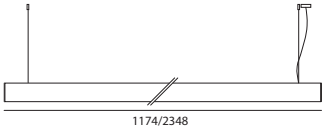
T16 (G5) — non dimmable

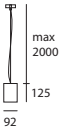
W	Length	Color	Code
1x54 W	1174 mm	○	M226920
		◑	M226960
2x54 W	2348 mm	○	M227020
		◑	M227060

T16 (G5) — Dali-SwitchDim

W	Length	Color	Code
1x28-54 W	1174 mm	○	M226921
		◑	M226961
2x28-54 W	2348 mm	○	M227021
		◑	M227061

IP20 ⏚ 960°





Direct + indirect emission

T16-SLS (G5) — non dimmable

W	Length	Color	Code
1x54 W (T16-SLS (G5)) + 1x39 W (T16 (G5))	1174 mm	○	M227120
		◑	M227160
2x54 W (T16-SLS (G5)) + 2x39 W (T16 (G5))	2348 mm	○	M227220
		◑	M227260

T16-SLS (G5) — Dali-SwitchDim*

W	Length	Color	Code
1x28-54 W (T16-SLS (G5)) + 1x39 W (T16 (G5))	1174 mm	○	M227121
		◑	M227161
2x28-54 W (T16-SLS (G5)) + 2x39 W (T16 (G5))	2348 mm	○	M227221
		◑	M227261

* Direct emission dimmable only.
Upper screen in PMAA included.

Nothing 86 System Stand-alone wall/ceiling fluo dark light emission

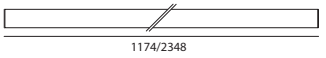
T16 (G5) — non dimmable

W	Length	Color	Code
1x54 W	1174 mm	○	M228720
		◑	M228760
2x54 W	2348 mm	○	M228820
		◑	M228860

T16 (G5) — Dali-SwitchDim

W	Length	Color	Code
1x28-54 W	1174 mm	○	M228721
		◑	M228761
2x28-54 W	2348 mm	○	M228821
		◑	M228861

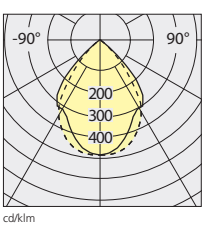
IP20 ⏚ 960°



Direct T16 (G5) — **28/54 W** 2600/4450 lm

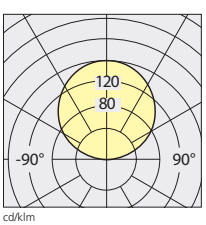
Efficiency **72%**

UGR < 19 2θ/2 = 88°	54 W	28 W
E_0 (h 1m)	2095 lux	1130 lux
E_0 (h 2m)	524 lux	283 lux



Indirect T16 (G5) — **39 W** 3100 lm

Efficiency **45%**



Nothing 86 Stand-alone suspension RGB LED diffused emission

White ○ Gloss anodised ◑

Direct emission

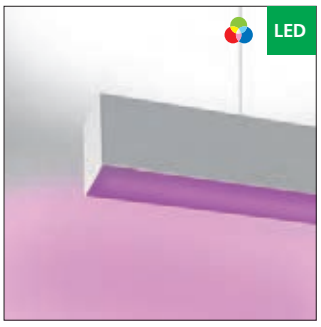
LED RGB			Dali dimmable
W	Length	Color	Code
21 W	1188 mm	○	M228120
		◑	M228160
42 W	2372 mm	○	M228220
		◑	M228260

Uses 3 dali addresses.

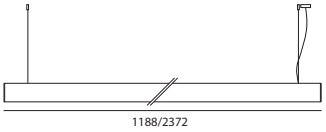
Direct + indirect emission

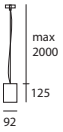
LED RGB			Dali dimmable*
W	Length	Color	Code
21 W(LED RGB)	1188 mm	○	M228320
1x39 W (T16 (G5))		◑	M228360
42 W (LED RGB)	2372 mm	○	M228420
1x39 W (T16 (G5))		◑	M228460

* Direct emission dimmable only.
Uses 3 dali addresses.
Upper screen in PMAA included.



IP20 ⏚ 850° (direct)
650° (direct+indirect)

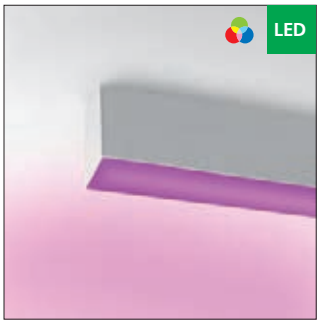




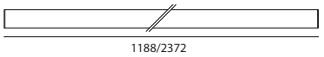
Nothing 86 Stand-alone wall/ceiling RGB LED diffused emission

LED RGB			Dali dimmable
W	Length	Color	Code
21 W	1188 mm	○	M229320
		◑	M229360
42 W	2372 mm	○	M229420
		◑	M229460

Uses 3 dali addresses.

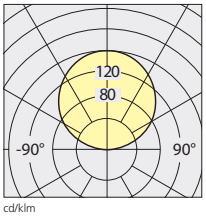


IP20 ⏚ 850°



Indirect T16 (G5) **39 W** 3100 lm

Efficiency **45%**



Light sources

Fluorescent tube T16-SEAMLESS (G5) 1 piece	Code
28 W (3000 K)	M004810
28 W (4000 K)	M004815
54 W (3000 K)	M004800
54 W (4000 K)	M004805

Fluorescent tube T16 (G5) 1 piece	Code
28 W (3000 K)	M004380
28 W (4000 K)	M004325
54 W (3000 K)	M004350
54 W (4000 K)	M004355
39 W (3000 K)	M004380
39 W (4000 K)	M004381

Incipit

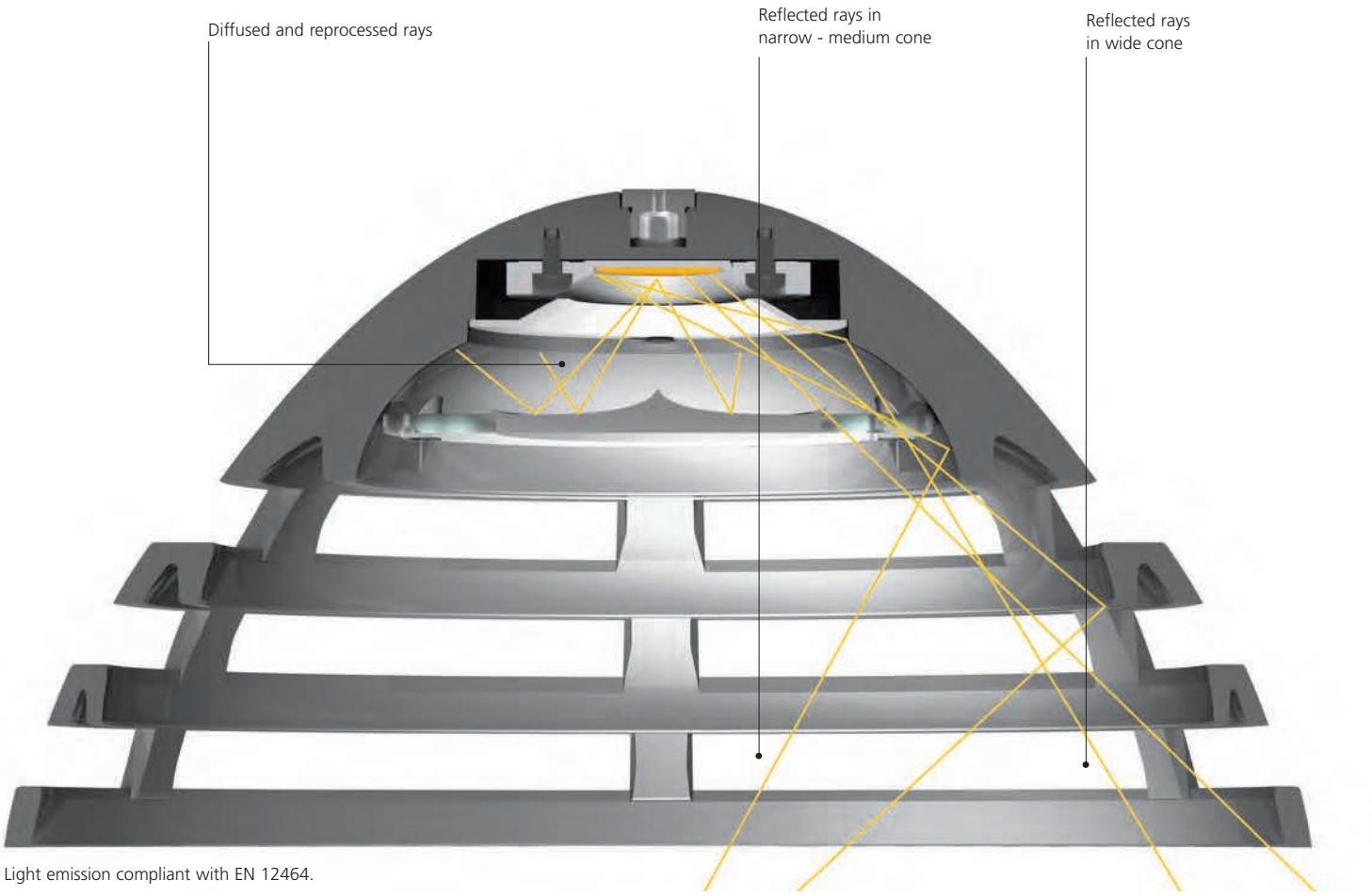
Carlotta de Bevilacqua
Fabio Zanola
2014

In Incipit, a single manufactured piece results in a well-calibrated combination of optical, mechanical, and thermal principles - the mainstays of the vast literature on light. Its design is minimal and no-frills. The vertical spokes have a mechanical function and also play a crucial role in conducting of the heat generated by the lighting source.

Aluminium-finished version ensure compliance with the UGR factor (<19) and a luminance of <3000cd/m² between 65° and 85°, with medium-aperture beams and high yields, which makes the appliance suited for work environments.

Incipit

- An aluminium body, featuring alternating vertical and horizontal elements, accommodates the LED.
- The horizontal bands work as optical sectors, appropriately calibrated vs. each other.
- The intertwined vertical and horizontal elements are the result of accurate optical and technological feasibility research for die casting production. They also promote air circulation when the appliance is arranged both vertically and horizontally, and allow natural ventilation by convection in all possible usage configurations.
- Calibration of this structure, in both the small and large version, results in optimal optical darklighting and downlighting performance, thus ensuring high visual comfort.
- A small-sized mixing chamber ensures the controlled direct emission of light rays.
- The optical performance of its mechanical surfaces is a direct result of the production process, which includes the optional finishing of surfaces either with subsequent processing finish or with white paint.
- The white version, with wide-aperture beams, is suited for soft downlighting. The diffusing power of the white surfaces ensures minimal leakage of light emission from within the mesh to give a luminous footprint to the body.



Light emission compliant with EN 12464.

- UGR < 19
- Luminance < 3000 cd/m2 @ 65° (Aluminium version)

PATENT PENDING

1 Mechanic

More with less

2 Optic

Two optic performances

3 Thermal

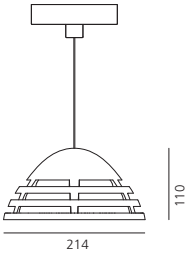
Structure, optic and heat sink
in one light engine

Incipit 214

White ○ Polished Aluminum ◑

Suspension

W	Weight	Beam	Flux	CCT	Color	Push dimm Code
29 W	1,50 kg	102°	2073 lm	3000 K	○	M3075W20
		56°	2053 lm	3000 K	◑	M3075W00

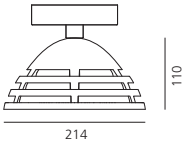


220/240Vac 50/60Hz electronic ballast included

IP20

Ceiling

W	Weight	Beam	Flux	CCT	Color	Push dimm Code
29 W	1,50 kg	102°	2073 lm	3000 K	○	M3085W20
		56°	2053 lm	3000 K	◑	M3085W00

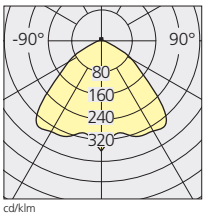


220/240Vac 50/60Hz electronic ballast included

IP20

Incipit 214 - white	LED	luminaire
Power	25 W	29 W
Flux	2718 lm	2073 lm
CCT	3000 K	3000 K
CRI	=80 (min.)	
Color tolerance	MacAdam 2SDCM	
Service life	L70(9K)>50000h	
Beam		102°
Efficiency		77%
Efficacy	109 lm/W	71 lm/W

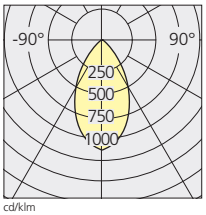
29 W 3000 K α=102°



H m	Ø m	EMax lux	EM lux
1	2,46	757	257
2	4,91	189	64
3	7,37	84	29
4	9,83	47	16
5	12,28	30	10

Incipit 214 - polished	LED	luminaire
Power	25 W	29 W
Flux	2718 lm	2053 lm
CCT	3000 K	3000 K
CRI	=80 (min.)	
Color tolerance	MacAdam 2SDCM	
UGR	<19	<19
Service life	L70(9K)>50000h	
Beam		56°
Efficiency		75%
Efficacy	109 lm/W	71 lm/W

29 W 3000 K α=56°



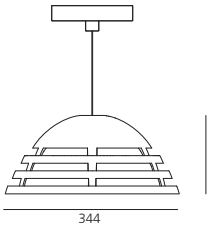
H m	Ø m	EMax lux	EM lux
1	1,08	2184	1126
2	2,16	546	281
3	3,25	243	125
4	4,33	137	70
5	5,41	87	45

Incipit

White ○ Polished Aluminum ◑

Suspension

W	Weight	Beam	Flux	CCT	Color	Push dimm Code
40 W	3,50 kg	144°	4016 lm	3000 K	○	M3072W20
		38°	3180 lm	3000 K	◑	M3072W00

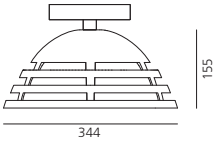


220/240Vac 50/60Hz electronic ballast included

IP20

Ceiling

W	Weight	Beam	Flux	CCT	Color	Push dimm Code
40 W	3,50 kg	144°	4016 lm	3000 K	○	M3082W20
		38°	3180 lm	3000 K	◑	M3082W00

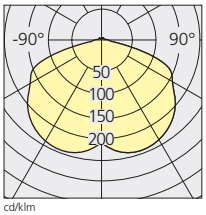


220/240Vac 50/60Hz electronic ballast included

IP20

Incipit - white	LED	luminaire
Power	40 W	40 W
Flux	4525 lm	4016 lm
CCT	3000 K	3000 K
CRI	=80 (min.)	
Color tolerance	MacAdam 2SDCM	
Service life	L70(9K)>50000h	
Beam		144°
Efficiency		88%
Efficacy	125 lm/W	100 lm/W

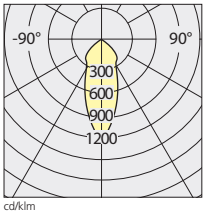
40 W 3000 K **α=144°**



H m	Ø m	EMax lux	EM lux
1	6,12	900	92
2	12,25	225	23
3	18,37	100	10
4	24,50	56	6
5	30,62	36	4

Incipit - polished	LED	luminaire
Power	40 W	40 W
Flux	4525 lm	3180 lm
CCT	3000 K	3000 K
CRI	=80 (min.)	
Color tolerance	MacAdam 2SDCM	
UGR	<19	<19
Service life	L70(9K)>50000h	
Beam		38°
Efficiency		70%
Efficacy	125 lm/W	67 lm/W

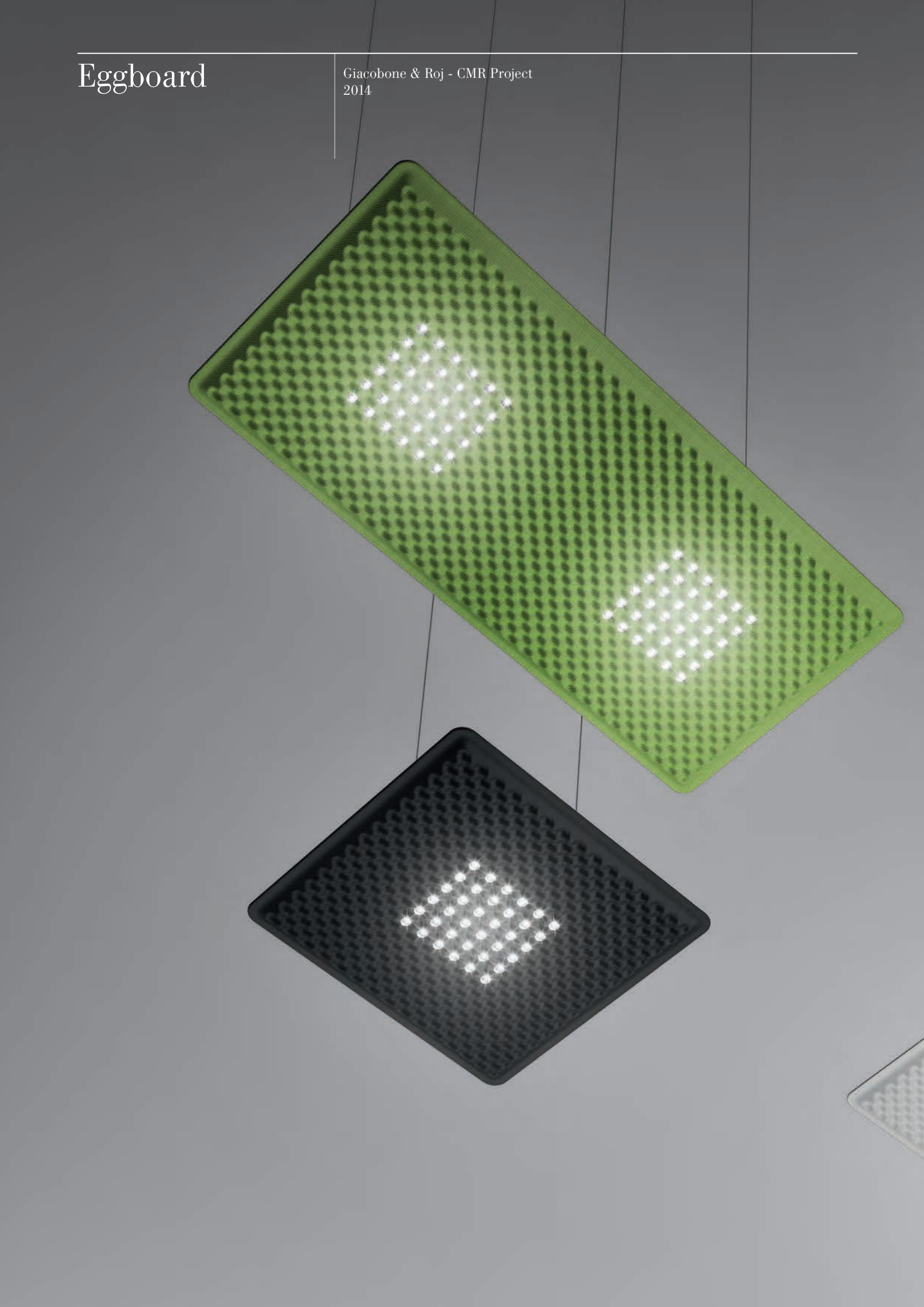
40 W 3000 K **α=38°**

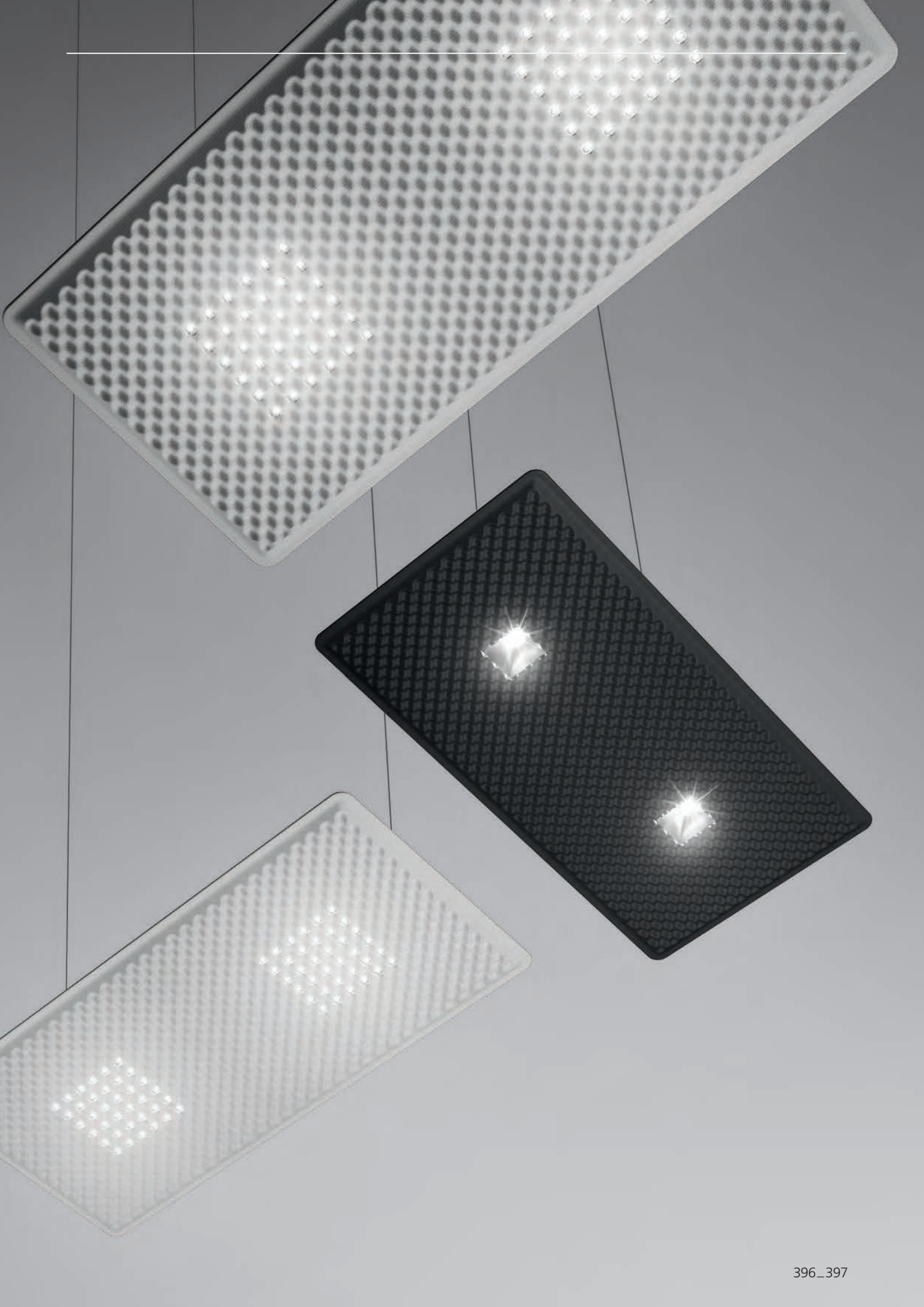


H m	Ø m	EMax lux	EM lux
1	0,68	3936	2194
2	1,35	984	548
3	2,03	437	244
4	2,71	246	137
5	3,38	157	88

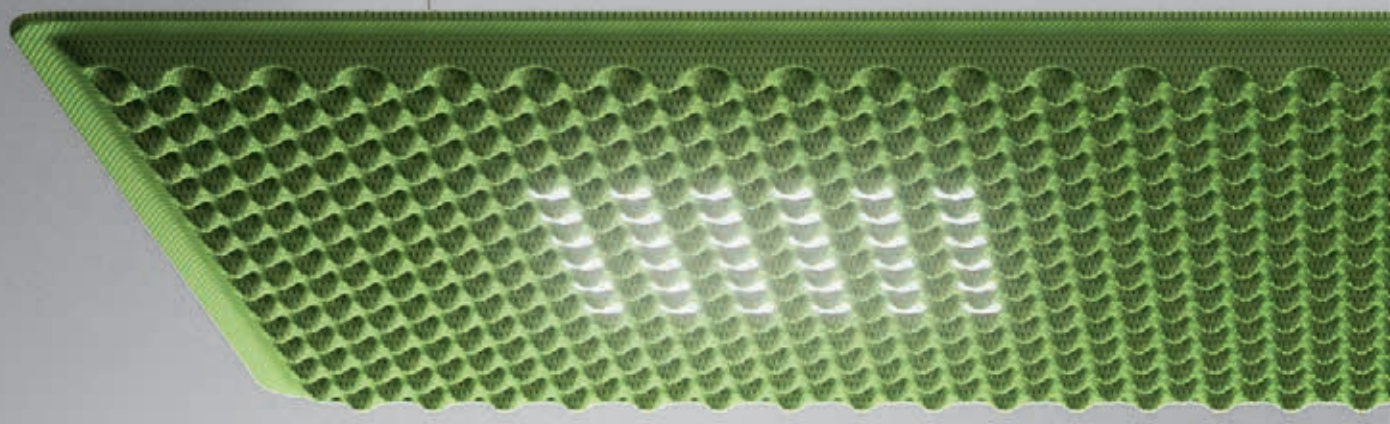
Eggboard

Giacobone & Roj - CMR Project
2014

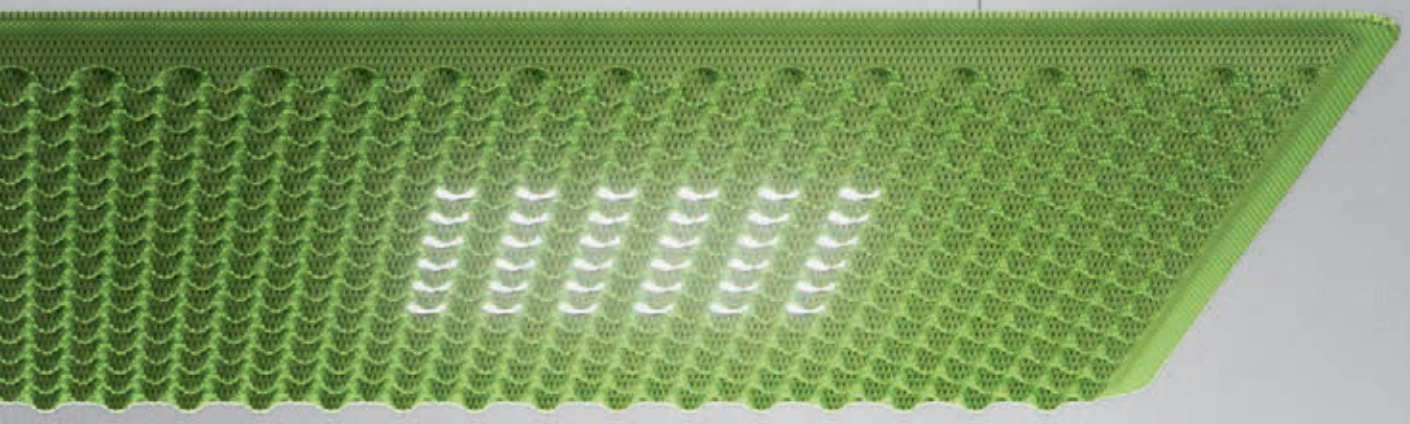




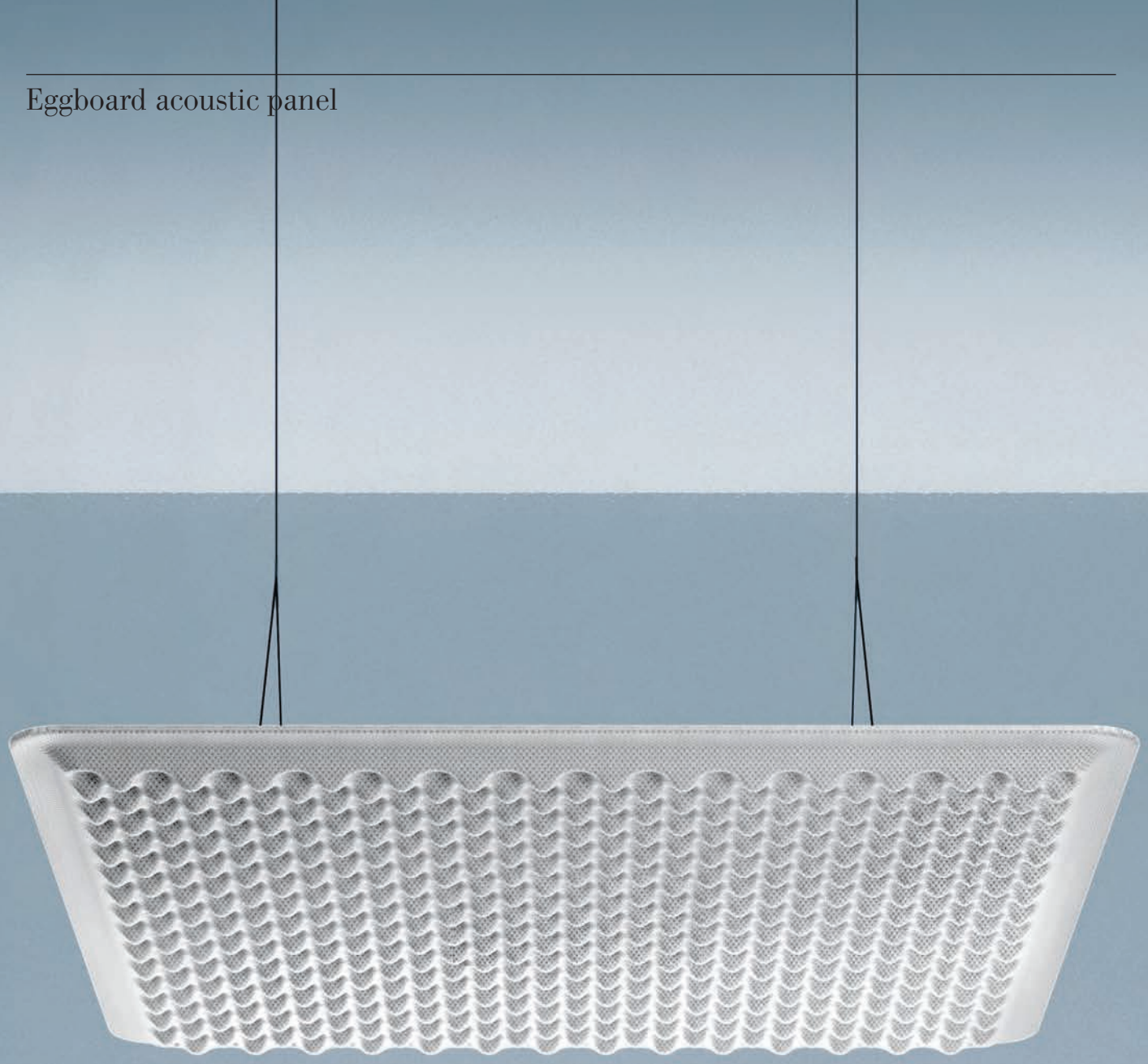
Eggboard

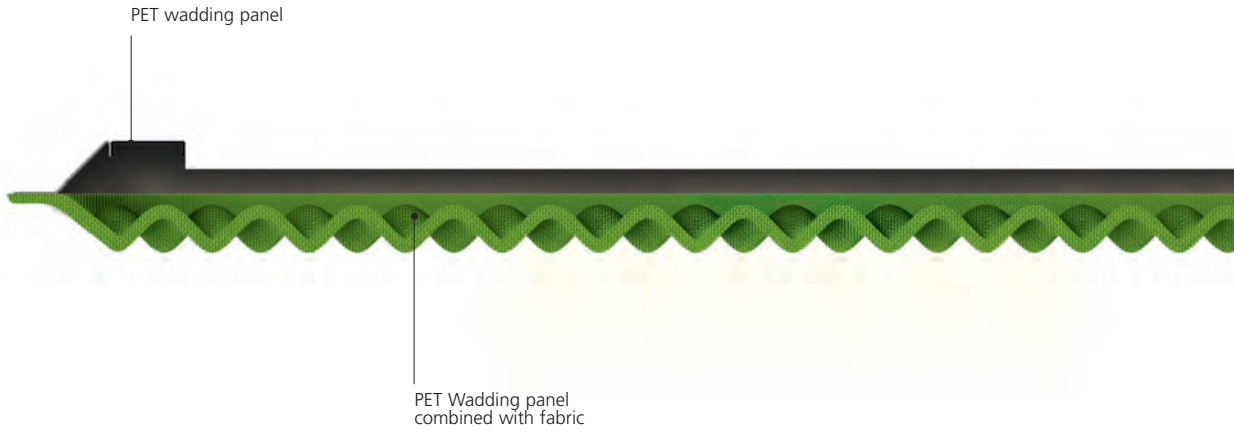


- Suspension appliance with sound-absorbing properties ensured by an unusual sinusoidal cross-section design of the lower surface and the use of a sound-absorbing material
- Acoustic efficiency is ensured within a limited space by positioning at approximately one metre above the head of the speaker and listener
- Direct emission: a board with a high number of low-voltage LEDs ensures maximum lighting comfort
- Reflectors can be rotated for use on single or counterposed double desk.
- Colour temperature 3000K or 4000 K
- Complies with the norms on office activities that involve the use of video-terminals (UGR<19).
- Available in 3 colours (white, grey, green) and 2 different sizes (1600X800mm - 800X800mm)



Eggboard acoustic panel



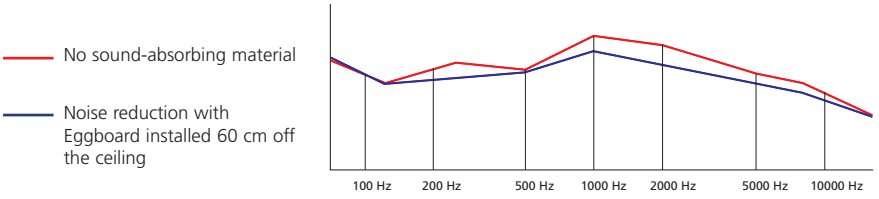


The sound-absorbing material acts by reducing the reverberation time (i.e. the time required to reduce any noise inside the room by 60 db, so as to ensure that any echoes due to reflections on the walls are inaudible).

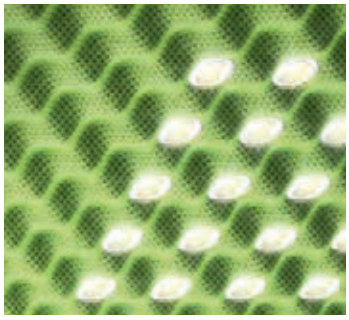
The frequency of human voice typically ranges from 1 to 4 kHz.

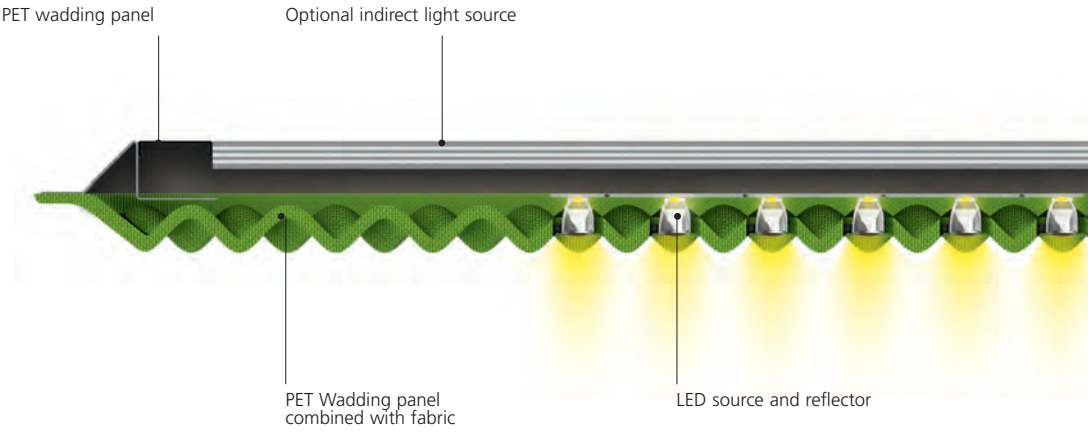
The use of materials capable to reduce these frequencies allows better understanding of speech and prevents the need to talk loudly to cover the background noise.

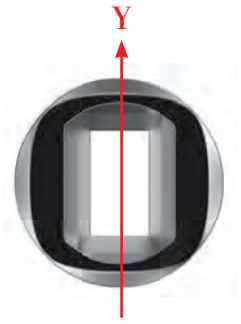
The sound-absorbing appliance should be located 400-600 mm off the ceiling to ensure optimal operation.



Eggboard Matrix 1 desk

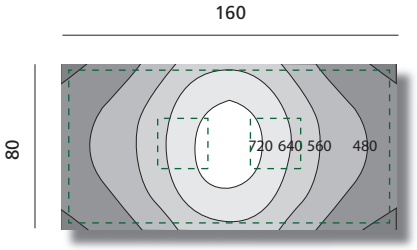




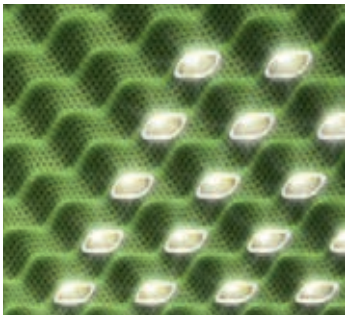


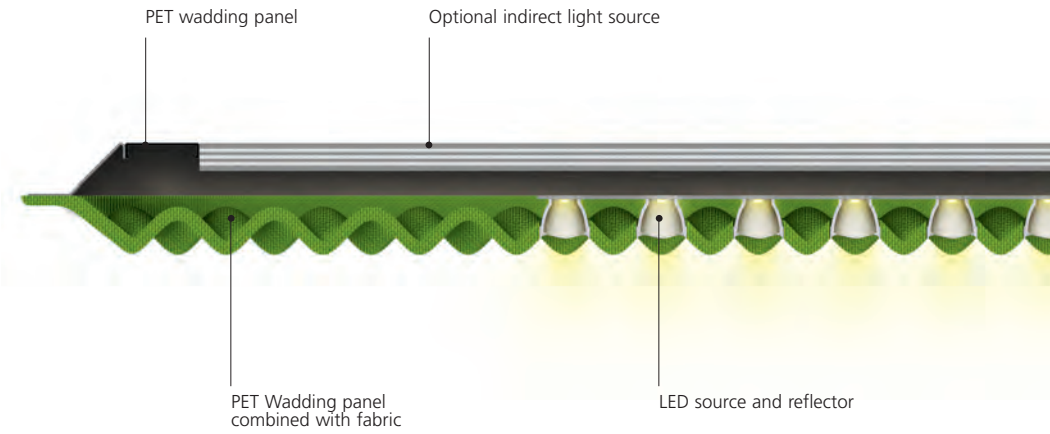
Rotating the elliptic-beam reflector along the Y axis allows to use the product to illuminate one workstation.

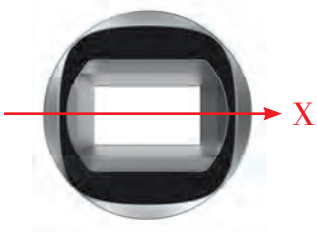
UGR < 12



Eggboard Matrix 2 desk

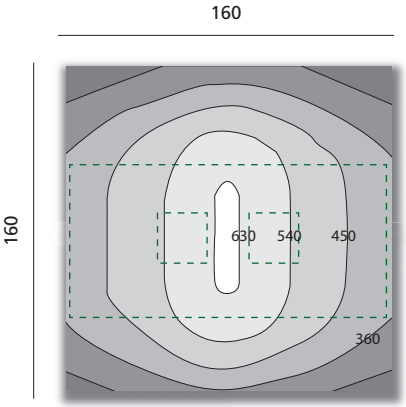




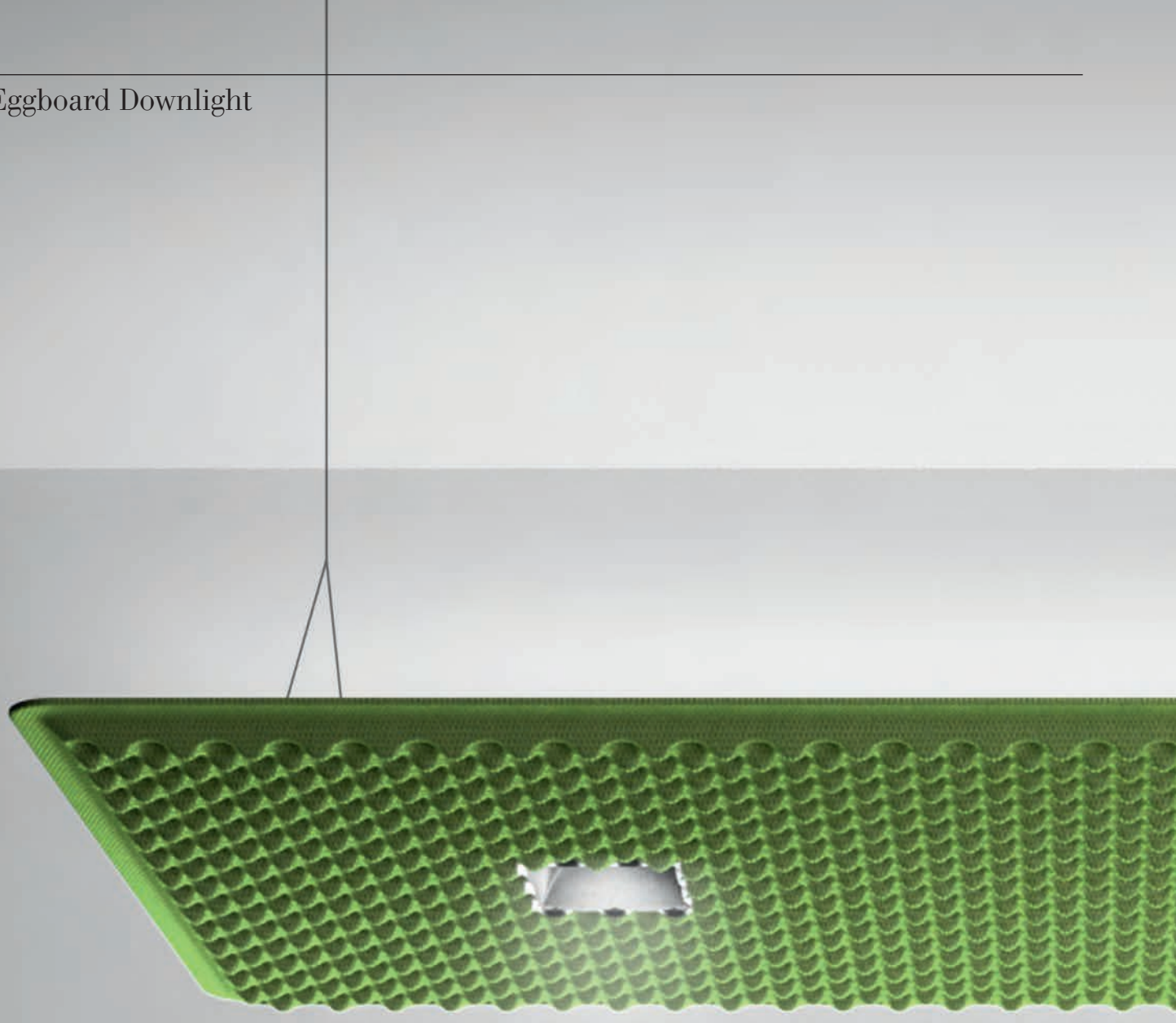


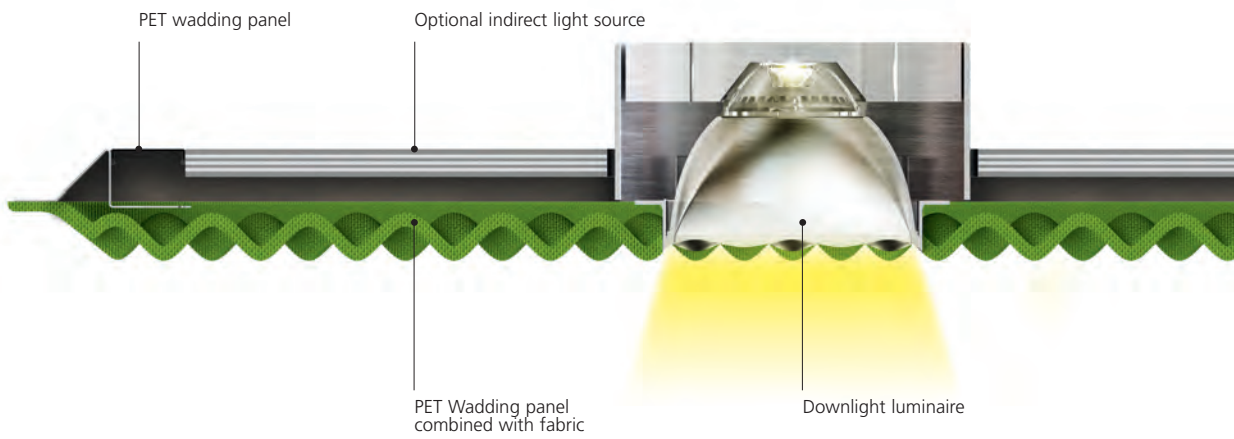
Rotating the elliptic-beam reflector along the X axis allows to use the product to illuminate two workstations.

UGR < 17

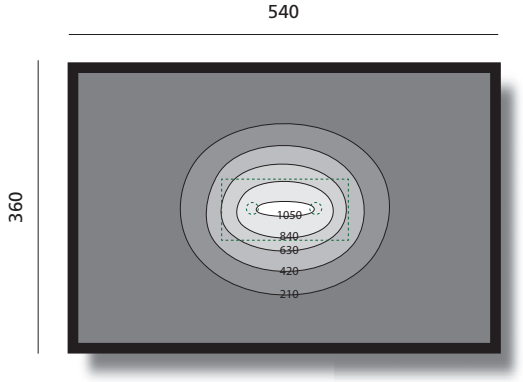


Eggboard Downlight





Controlled-beam reflector for downlight illumination.



Eggboard

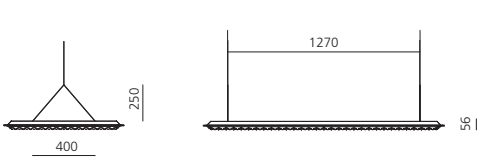
White ○ Grey ● Green ●

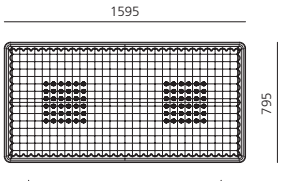
Eggboard Matrix Direct 1600X800

W	Weight	Beam	Flux	CCT	Color	Dimmable Code
19 W	14 kg	56°	1824 lm	3000 K	○	M3100W21
					●	M3100W91
					●	M3100W51
		56°	1879 lm	4000 K	○	M3100N21
					●	M3100N91
					●	M3100N51

IP20

220/240Vac 50/60Hz electronic ballast included.



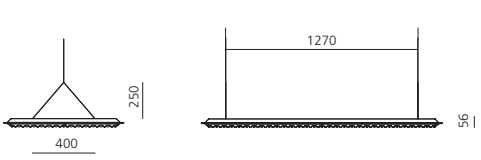


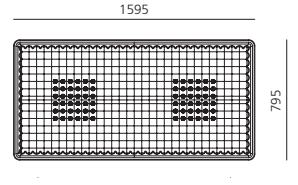
Eggboard Matrix Direct + Indirect 1600X800

W	Weight	Beam	Flux	CCT	Color	Dimmable Code
76 W	15 kg	92°	7043 lm	3000 K	○	M3101W21
					●	M3101W91
					●	M3101W51
		92°	7255 lm	4000 K	○	M3101N21
					●	M3101N91
					●	M3101N51

IP20

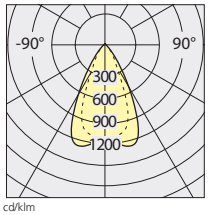
220/240Vac 50/60Hz electronic ballast included.





Eggboard Direct 1600X800	LED		luminaire	
Power	16 W	16 W	19 W	19 W
Flux	2108 lm	2276 lm	1824 lm	1878 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance	MacAdam 4SDCM			
Service life	L70(6K)>50000h			
Beam			56°	56°
Efficiency			83%	83%
Efficacy	131 lm/W	141 lm/W	96 lm/W	97 lm/W

19 W 3000 K α=56° 4000 K α=56°

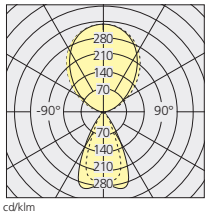


cd/klm

H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	1,08	2133	1464	1	1,08	2197	1507
2	2,16	533	366	2	2,16	549	377
3	3,24	237	163	3	3,24	244	167
4	4,32	133	91	4	4,32	137	94
5	5,40	85	59	5	5,40	88	60

Eggboard Direct and Indirect 1600X800	LED		luminaire	
Power	65 W	65 W	76 W	76 W
Flux	8498 lm	8876 lm	7043 lm	7255 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance	MacAdam 4SDCM			
Service life	L70(6K)>50000h			
Beam			98°	98°
Efficiency			83%	83%
Efficacy	131 lm/W	131 lm/W	93 lm/W	98 lm/W

76 W 3000 K α=98° 4000 K α=98°



cd/klm

H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	11,36	92	32	5	9,82	49	17
2	9,09	144	50	4	7,86	77	27
3	6,82	256	90	3	5,89	137	48
4	4,55	576	202	2	3,93	307	108
5	2,27	2304	807	1	1,96	1229	430

Eggboard

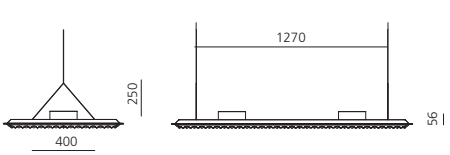
White ○ Grey ● Green ●

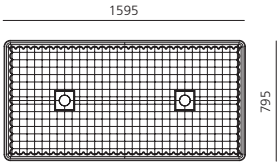
Eggboard Downlight Direct 1600X800

W	Weight	Beam	Flux	CCT	Color	Dimmable Code
58 W	17 kg	32°	3440 lm	3000 K	○	M3104W21
					●	M3104W91
					●	M3104W51
		32°	3580 lm	4000 K	○	M3104N21
					●	M3104N91
					●	M3104N51

IP20

220/240Vac 50/60Hz electronic ballast included.



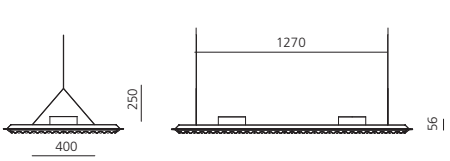


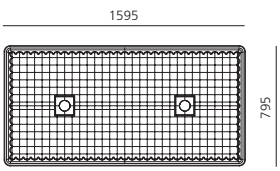
Eggboard Downlight Direct + Indirect 1600X800

W	Weight	Beam	Flux	CCT	Color	Dimmable Code
170 W	18 kg	32°	9383 lm	3000 K	○	M3105W21
					●	M3105W91
					●	M3105W51
		32°	9665 lm	4000 K	○	M3105N21
					●	M3105N91
					●	M3105N51

IP20

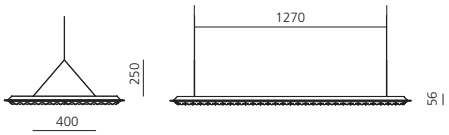
220/240Vac 50/60Hz electronic ballast included.

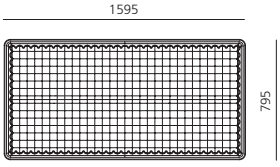




Eggboard 1600X800 (without light)

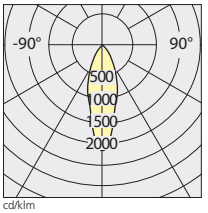
W	Weight	Beam	Flux	CCT	Color	Code
	10 kg				○	M310820
					●	M310890
					●	M310850





Eggboard Downlight Direct 1600X800

LED		luminaire		58 W	3000 K	α=32°	4000 K	α=32°
Power	49 W	49 W	58 W	58 W				
Flux	5020 lm	5240 lm	3440 lm	3580 lm				
CCT	3000 K	4000 K	3000 K	4000 K				
CRI	=80 (min.)							
Color tolerance	MacAdam 3SDCM							
Service life	L70(9K)>50000h							
Beam			32°	32°				
Efficiency			68%	68%				
Efficacy	103 lm/W	107 lm/W	60 lm/W	63 lm/W				



H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	0,57	7166	4044	1	0,57	7457	4209
2	1,14	1791	1011	2	1,14	1864	1052
3	1,71	796	449	3	1,71	829	468
4	2,28	448	253	4	2,28	466	263
5	2,85	287	162	5	2,85	298	168

Eggboard

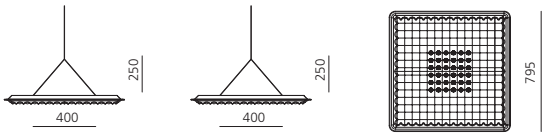
White ○ Grey ● Green ●

Eggboard Matrix Direct 800X800

W	Weight	Beam	Flux	CCT	Color	Dimmable Code
9,5 W	7 kg	56°	875 lm	3000 K	○	M3102W21
					●	M3102W91
					●	M3102W51
		56°	983 lm	4000 K	○	M3102N21
					●	M3102N91
					●	M3102N51

220/240Vac 50/60Hz electronic ballast included.

IP20

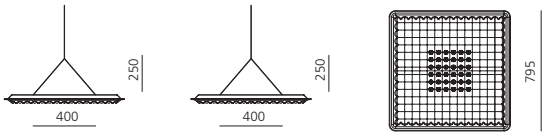


Eggboard Matrix Direct + Indirect 800X800

W	Weight	Beam	Flux	CCT	Color	Dimmable Code
38 W	7,5 kg	90°	3517 lm	3000 K	○	M3103W21
					●	M3103W91
					●	M3103W51
		90°	3755 lm	4000 K	○	M3103N21
					●	M3103N91
					●	M3103N51

220/240Vac 50/60Hz electronic ballast included.

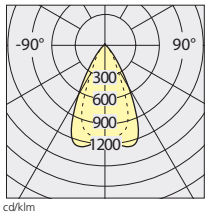
IP20



Eggboard Direct 800X800

LED		luminaire	
Power	8 W	8 W	9,5 W	9,5 W
Flux	1054 lm	1138 lm	875 lm	983 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance	MacAdam 4SDCM			
Service life	L70(6K)>50000h			
Beam			56°	56°
Efficiency			83%	83%
Efficacy	131 lm/W	141 lm/W	96 lm/W	97 lm/W

9,5 W — 3000 K — α=56° — 4000 K — α=56°



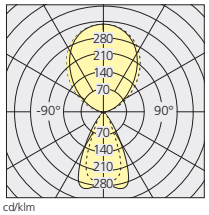
cd/klm

H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	1,08	2133	1464	1	1,08	2197	1507
2	2,16	533	366	2	2,16	549	377
3	3,24	237	163	3	3,24	244	167
4	4,32	133	91	4	4,32	137	94
5	5,40	85	59	5	5,40	88	60

Eggboard Direct and Indirect 800X800

LED		luminaire	
Power	32 W	36 W	38 W	42 W
Flux	4238 lm	4470 lm	3517 lm	3755 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance	MacAdam 4SDCM			
Service life	L70(6K)>50000h			
Beam			90°	90°
Efficiency			83%	83%
Efficacy	131 lm/W	131 lm/W	93 lm/W	98 lm/W

38 W — 3000 K — α=90° — 4000 K — α=90°



cd/klm

H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
5	9,82	46	16	5	9,82	49	17
4	7,86	72	25	4	7,86	77	27
3	5,89	128	45	3	5,89	137	48
2	3,93	288	101	2	3,93	307	108
1	1,96	1151	403	1	1,96	1229	430

Eggboard

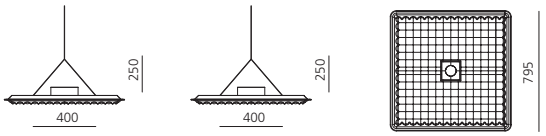
White ○ Grey ● Green ●

Eggboard Downlight Direct 800X800

W	Weight	Beam	Flux	CCT	Color	Dimmable Code
29 W	8,5 kg	32°	1720 lm	3000 K	○	M3106W21
					●	M3106W91
					●	M3106W51
		32°	1790 lm	4000 K	○	M3106N21
					●	M3106N91
					●	M3106N51

220/240Vac 50/60Hz electronic ballast included.

IP20

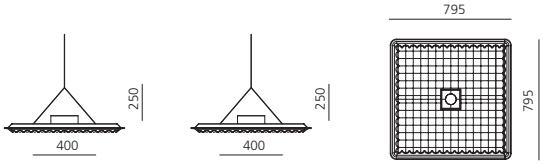


Eggboard Downlight Direct + Indirect 800X800

W	Weight	Beam	Flux	CCT	Color	Dimmable Code
48 W	9 kg	32°	3805 lm	3000 K	○	M3107W21
					●	M3107W91
					●	M3107W51
		32°	3895 lm	4000 K	○	M3107N21
					●	M3107N91
					●	M3107N51

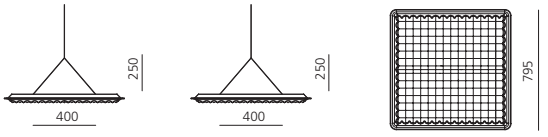
220/240Vac 50/60Hz electronic ballast included.

IP20



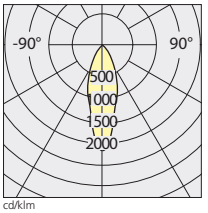
Eggboard 800X800 (without light)

W	Weight	Beam	Flux	CCT	Color	Code
	5 kg				○	M310920
					●	M310990
					●	M310950



Eggboard Downlight Direct 800X800

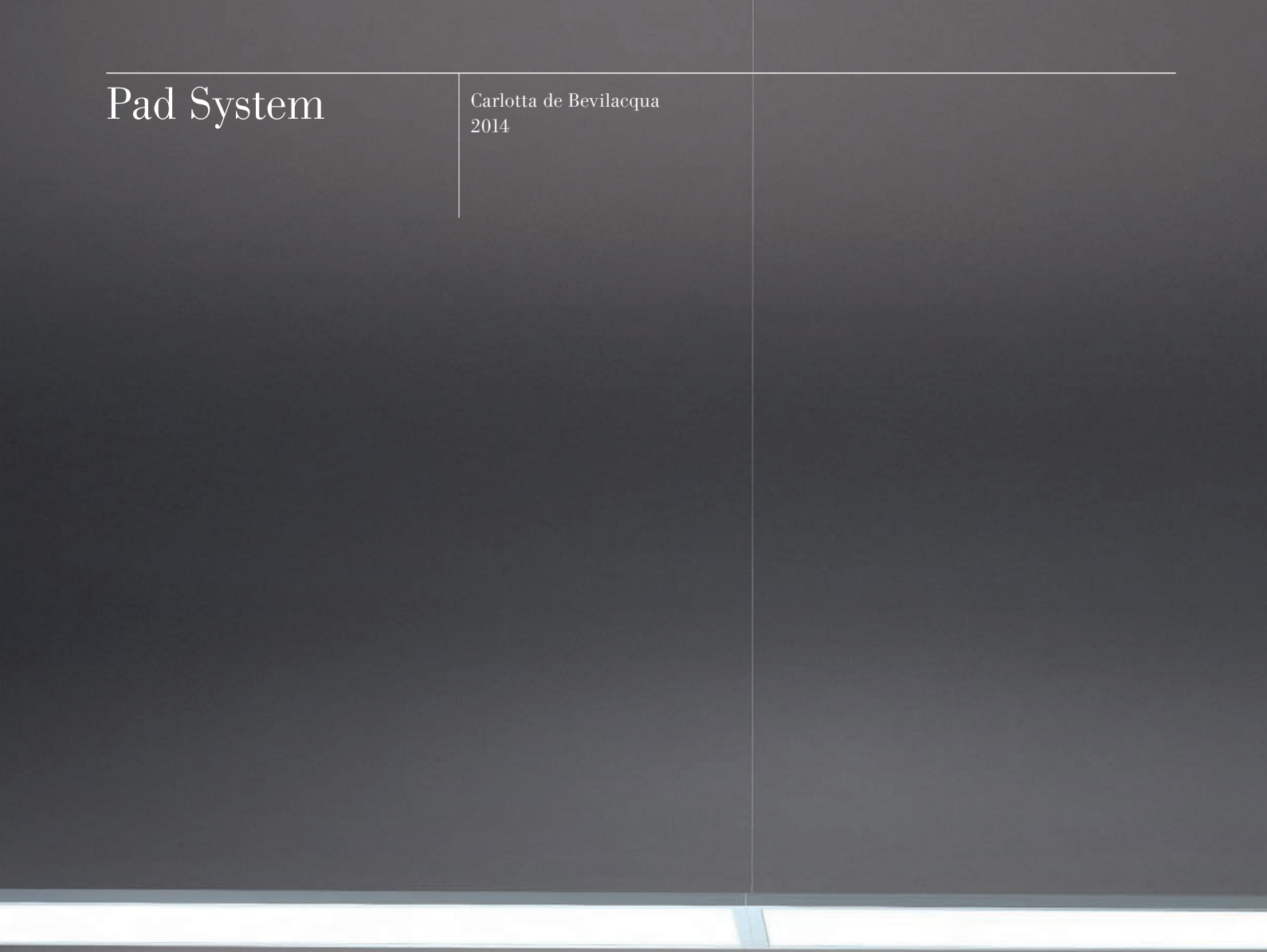
LED		luminaire		29 W	3000 K	α=32°	4000 K	α=32°
Power	24,5 W	24,5 W	29 W	29 W				
Flux	2510 lm	2620 lm	1720 lm	1790 lm				
CCT	3000 K	4000 K	3000 K	4000 K				
CRI	=80 (min.)							
Color tolerance	MacAdam 3SDCM							
Service life	L70(9K)>50000h							
Beam			32°	32°				
Efficiency			68%	68%				
Efficacy	103 lm/W	107 lm/W	60 lm/W	63 lm/W				



H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	0,57	3583	2022	1	0,57	3729	2104
2	1,14	896	506	2	1,14	932	526
3	1,71	398	225	3	1,71	414	234
4	2,28	224	126	4	2,28	233	132
5	2,85	143	81	5	2,85	149	84

Pad System

Carlotta de Bevilacqua
2014



- Modular system with direct emission and indirect with LED high efficiency.
- UGR <19
- Ultra thin profile
- Edge Backlighting Technology
- Available in two colors: warm white (3000K), neutral white (4000K) - CRI = 85 (typ.)
- Installation with suspension.
- Single mounting, in continuous line by angle (90°), free composition.
- Non dimmable, dimmable electronic power supply Dali.
- Materials: structure in extruded aluminum.
- Suspension cables in steel with quick adjustment.
- Complies with EN62471, EN60598-1 and other specific standards.

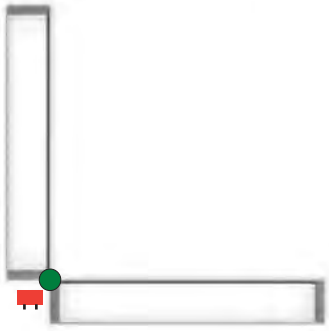
Pad System Configuration

Kit driver linear connector (1M; 2M)

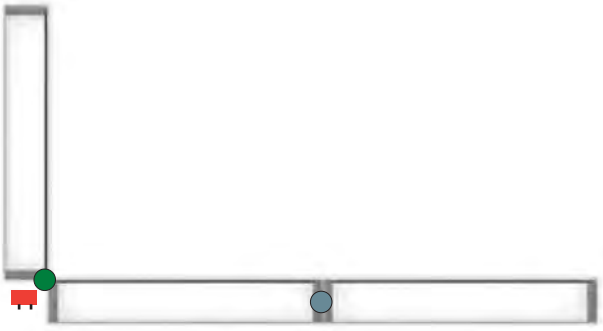
Kit driver linear and angular connector (1M+1M; 1M+2M; 2M+2M)

Linear connector

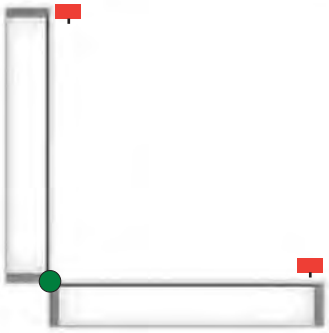
Angular connector



1xM305721+2xM3051N21+1xM305420+1xM305220

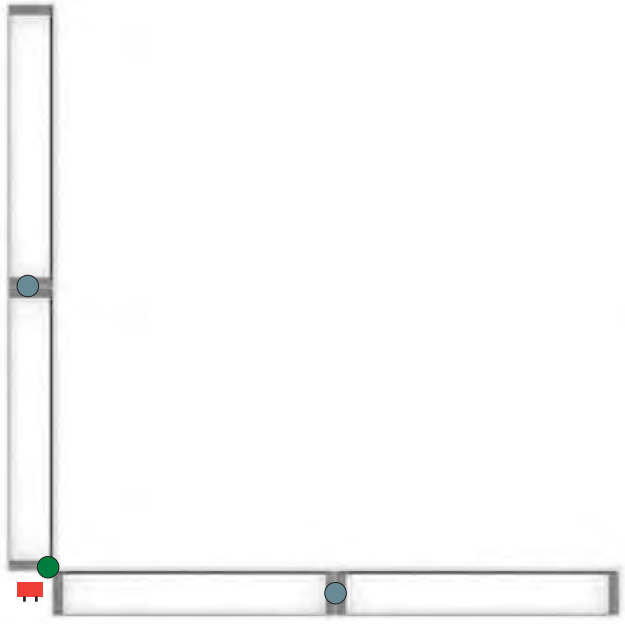


1xM305821+3xM3051N21+1xM305420+1xM305320+1xM305220

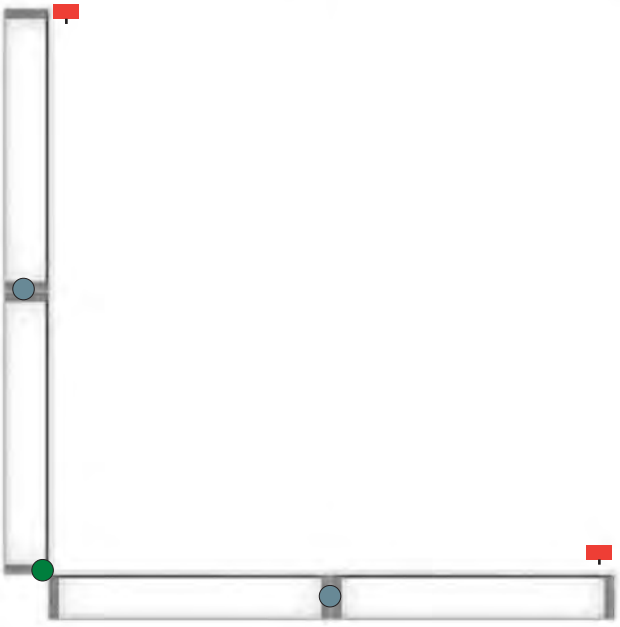


2xM305521+2xM3051N21+1xM305420+1xM305220

1xM305521+1xM305621+3xM3051N21+1xM305420+1xM305320+1xM305220



1xM305921+4xM3051N21+1xM305420+2xM305320+1xM305220



2xM305621+4xM3051N21+1xM305420+2xM305320+1xM305220

Pad System

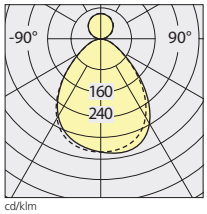
White ○ Gloss anodised ◑

W	Flux	CCT	Color	Code
36 W	2688 lm	3000 K	◑	M3051W61
			○	M3051W21
	3125 lm	4000 K	◑	M3051N61
			○	M3051N21

UGR<19

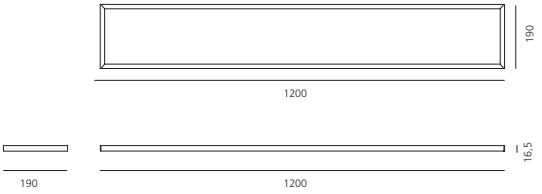
IP20 ⏚

36 W



cd/klm

C0 - C180
C90 - C270



Accessories

		Color	Code
	End cap	◑	M305260
		○	M305220
	L-shaped connector	◑	M305360
		○	M305320
	90° shaped connector	◑	M305460
		○	M305420

Accessories

	Code
Kit driver linear connector 1M Occupies 1 Dali destination.	M305521
Kit driver linear connector 2M Occupies 1 Dali destination.	M305621
Kit driver linear and angular connector 1M+1M Occupies 1 Dali destination.	M305721
Kit driver linear and angular connector 1M+2M Occupies 2 Dali destination.	M305821
Kit driver linear and angular connector 2M+2M Occupies 2 Dali destination.	M305921

Pad System Stand-alone

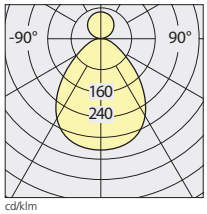
White ○ Gloss anodised ◑

W	Flux	CCT	Color	Dali-SwitchDim Code
48 W	3873 lm	3000 K	◑	M3050W61
			○	M3050W21
	3873 lm	4000 K	◑	M3050N61
			○	M3050N21

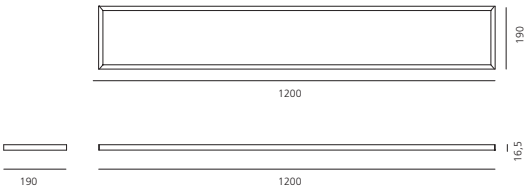
UGR<19
220/240Vac 50/60Hz electronic ballast included.

IP20 ⏚

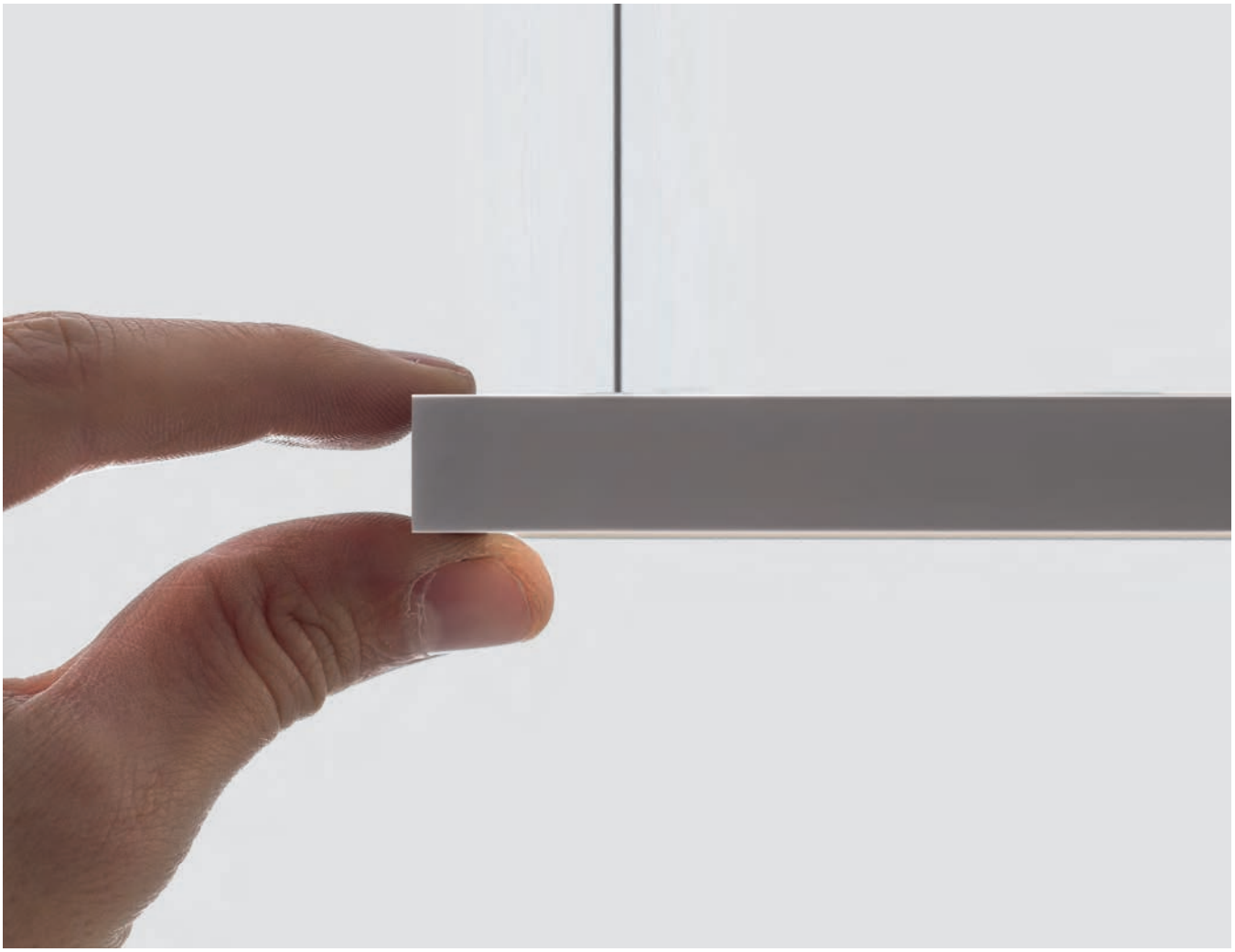
48 W



cd/klm
C0 - C180
C90 - C270

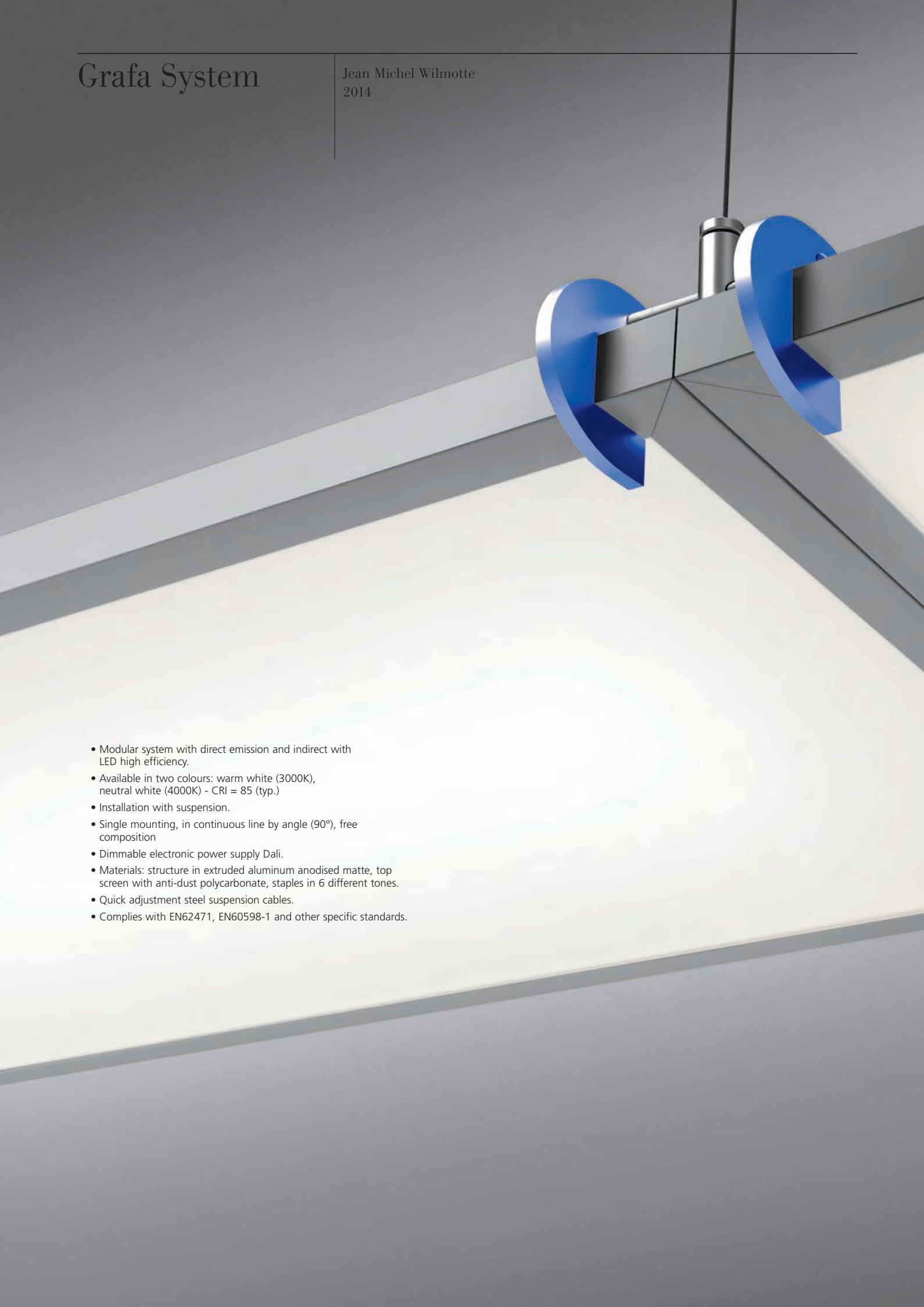


scale 1:1

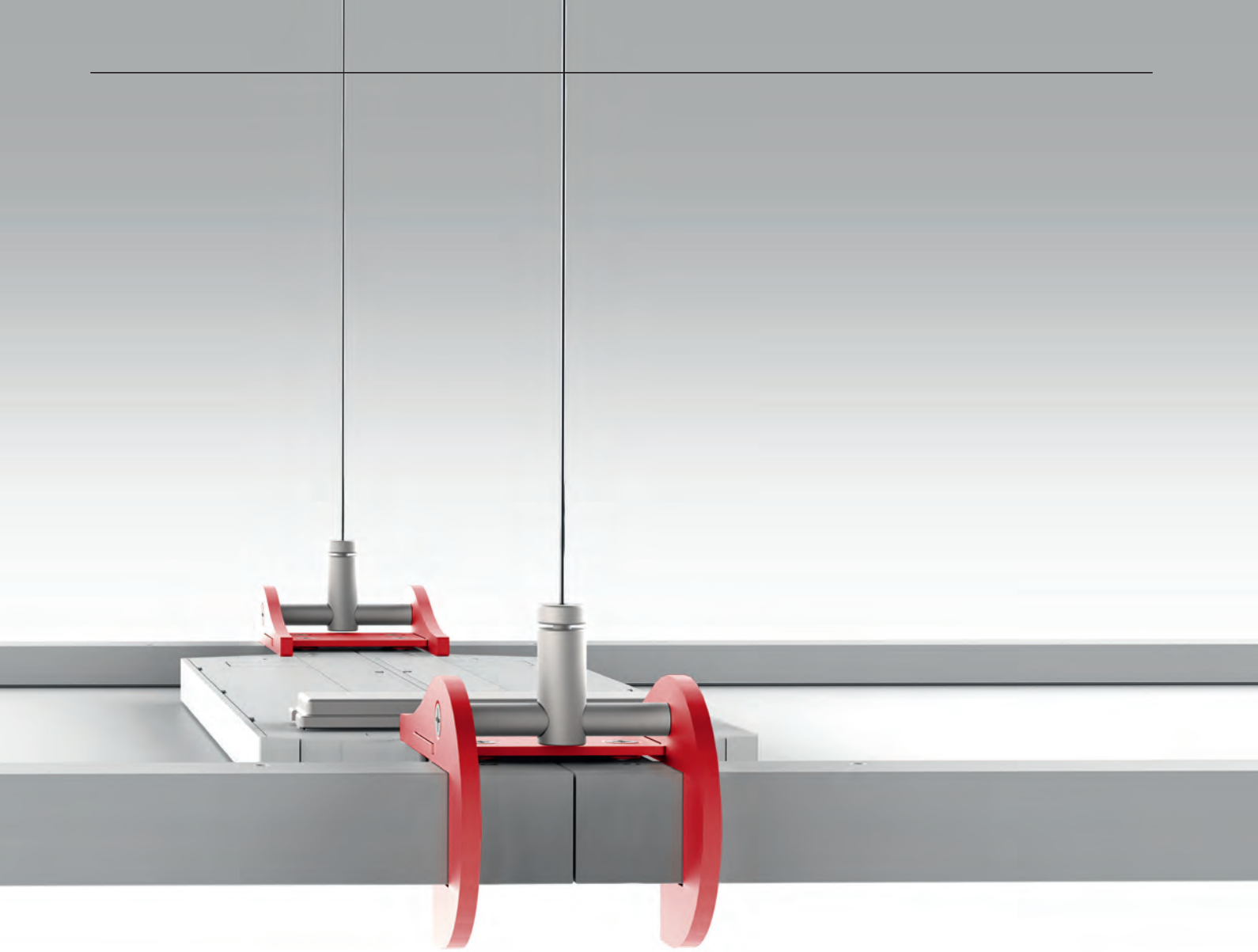


Grafa System

Jean Michel Wilmotte
2014



- Modular system with direct emission and indirect with LED high efficiency.
- Available in two colours: warm white (3000K), neutral white (4000K) - CRI = 85 (typ.)
- Installation with suspension.
- Single mounting, in continuous line by angle (90°), free composition
- Dimmable electronic power supply Dali.
- Materials: structure in extruded aluminum anodised matte, top screen with anti-dust polycarbonate, staples in 6 different tones.
- Quick adjustment steel suspension cables.
- Complies with EN62471, EN60598-1 and other specific standards.



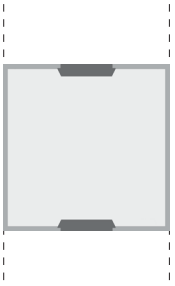
System Modules

Module
1200x300
single

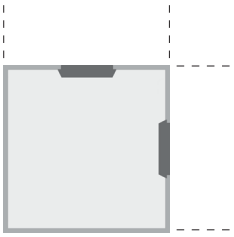
Module
1200x300
modular

Module
600x600
single

Module
600x600
modular linear



Module
600x600
modular angular



Suspended Accessories

Single Clip

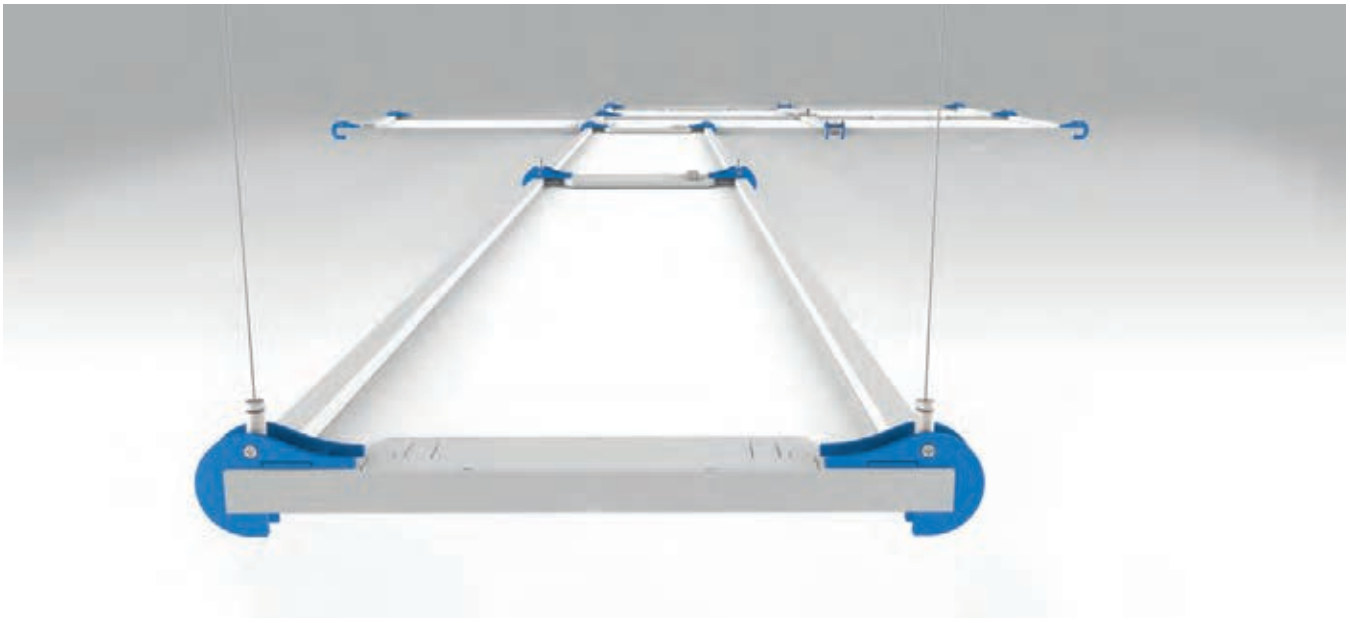
Angular Brackets

Double Clip

Mixed Modules Brackets

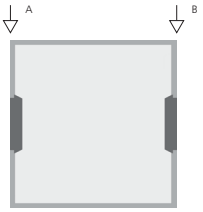
Angular Clip

Suspended Brackets

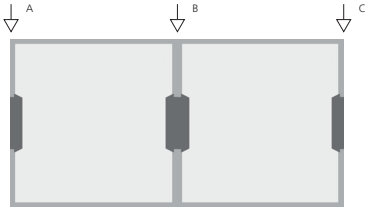


Driver Links

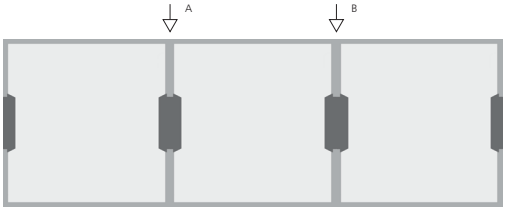
Kit driver 1X - end links
2 possible positions A-B



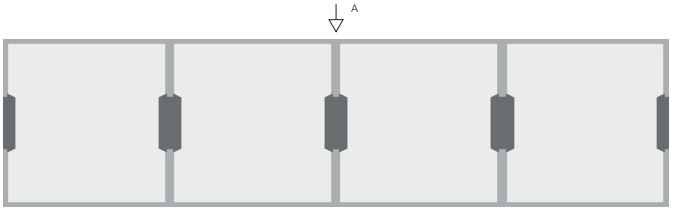
Kit driver 2X - central links
3 possible positions A-B-C



Kit 3X central links
2 possible positions A-B



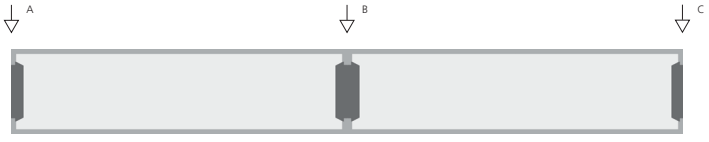
Kit 4X central links
one possible position A



Driver Positions

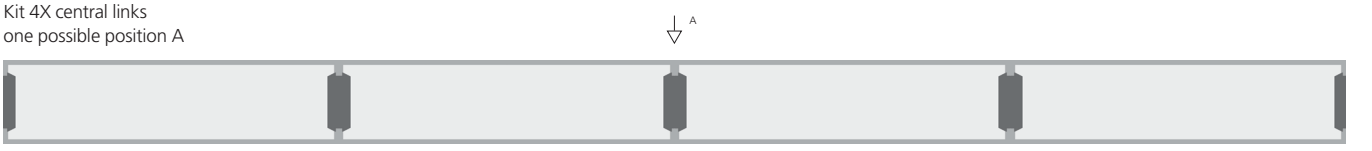
Kit driver 1X - end links
2 possible positions A-B

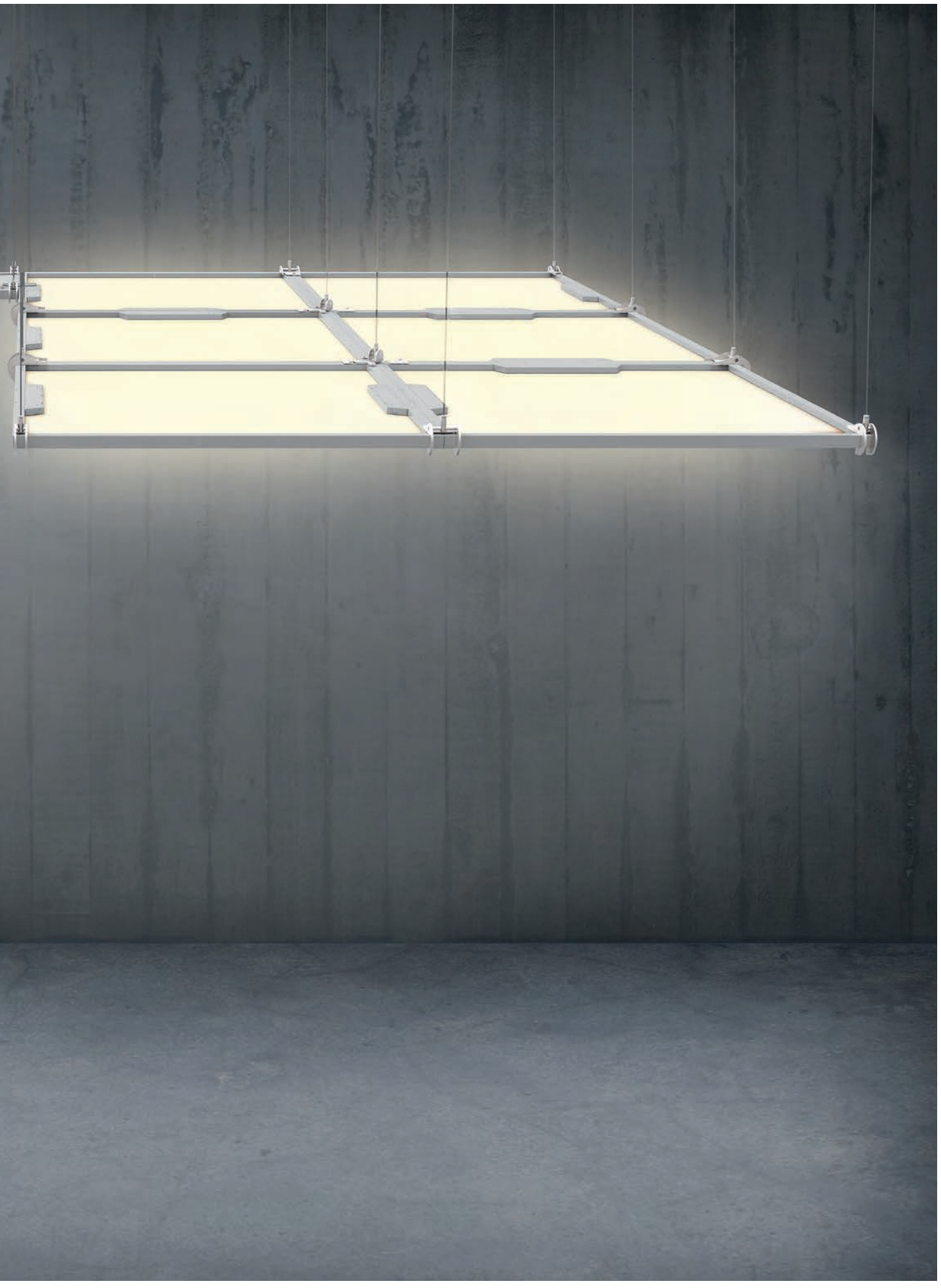
Kit driver 2X - central links
3 possible positions A-B-C



Kit 3X central links
2 possible positions A-B

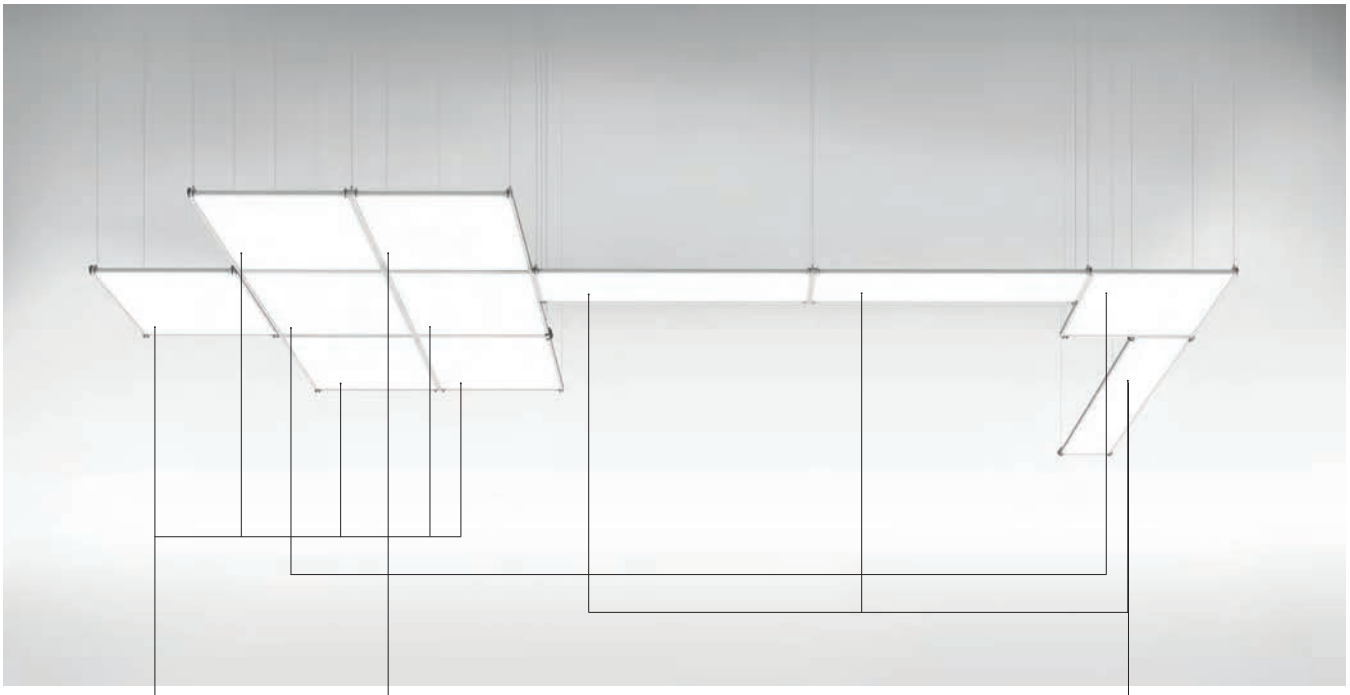
Kit 4X central links
one possible position A





Example of a complex configuration:

Modules

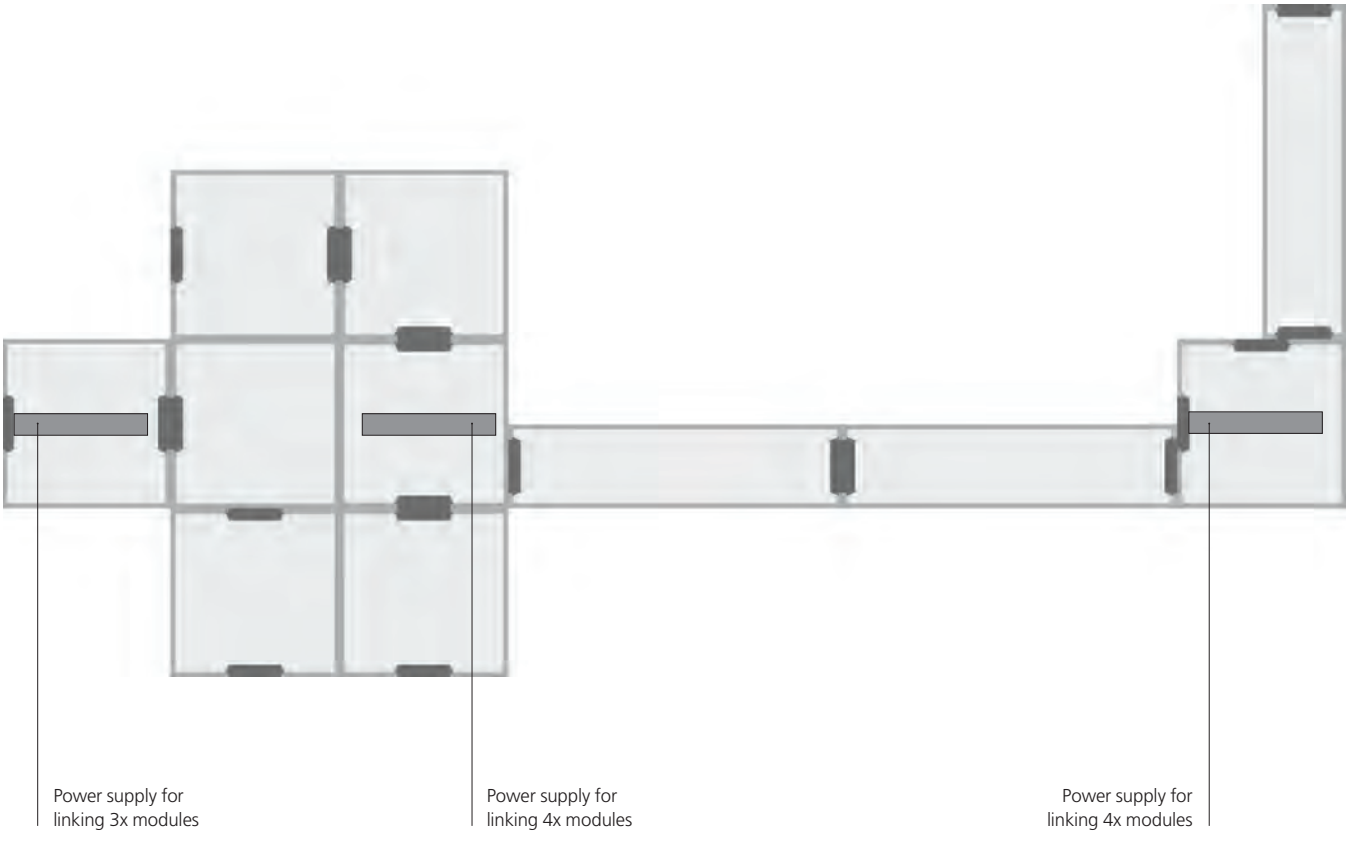


5 linear modules 600x600

3 angular modules 600x600 angolari

3 composable modules 1200x300

Power supplies



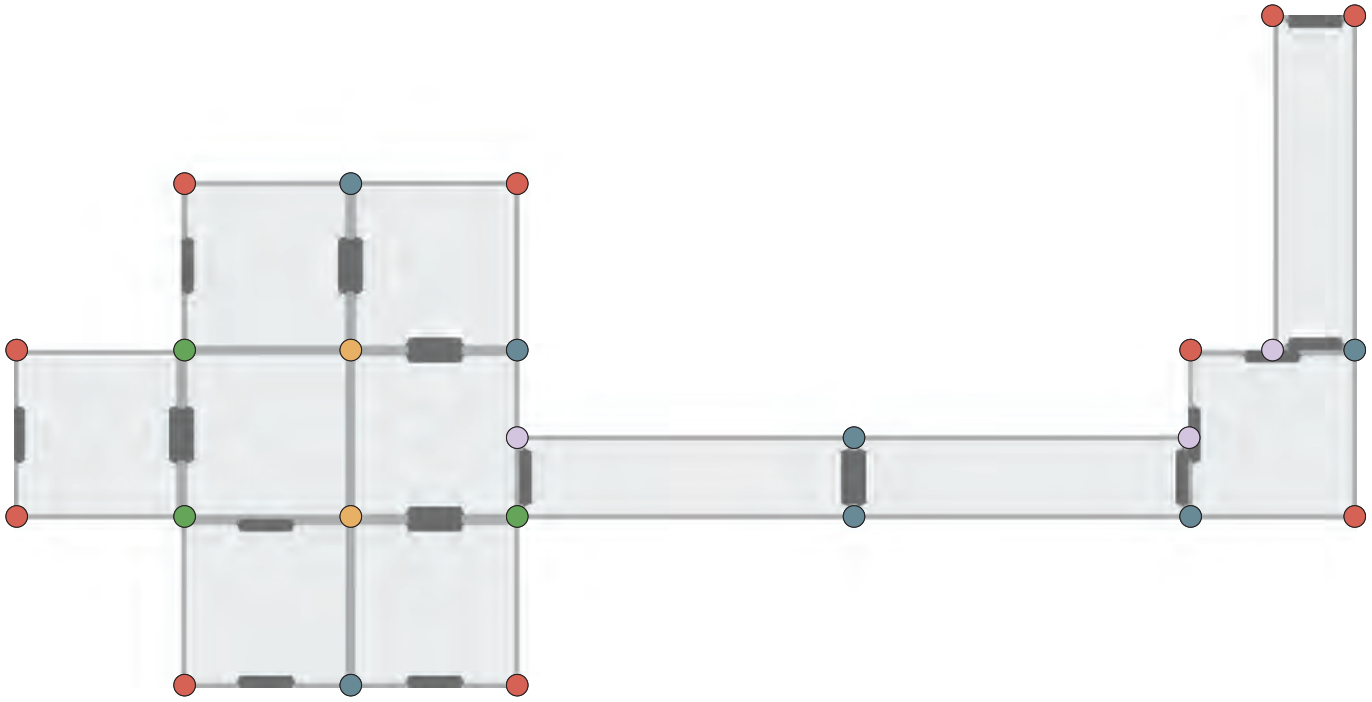
Power supply for linking 3x modules

Power supply for linking 4x modules

Power supply for linking 4x modules

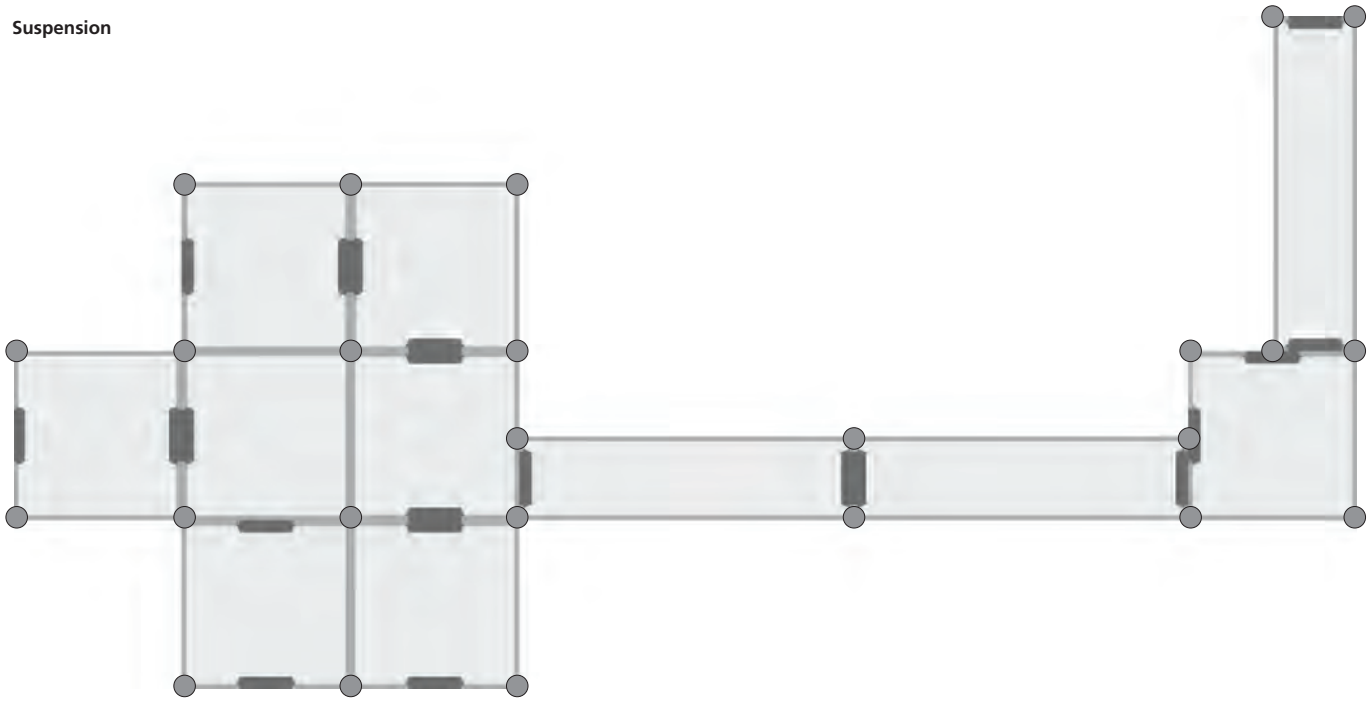
Example of a complex configuration:

Clips

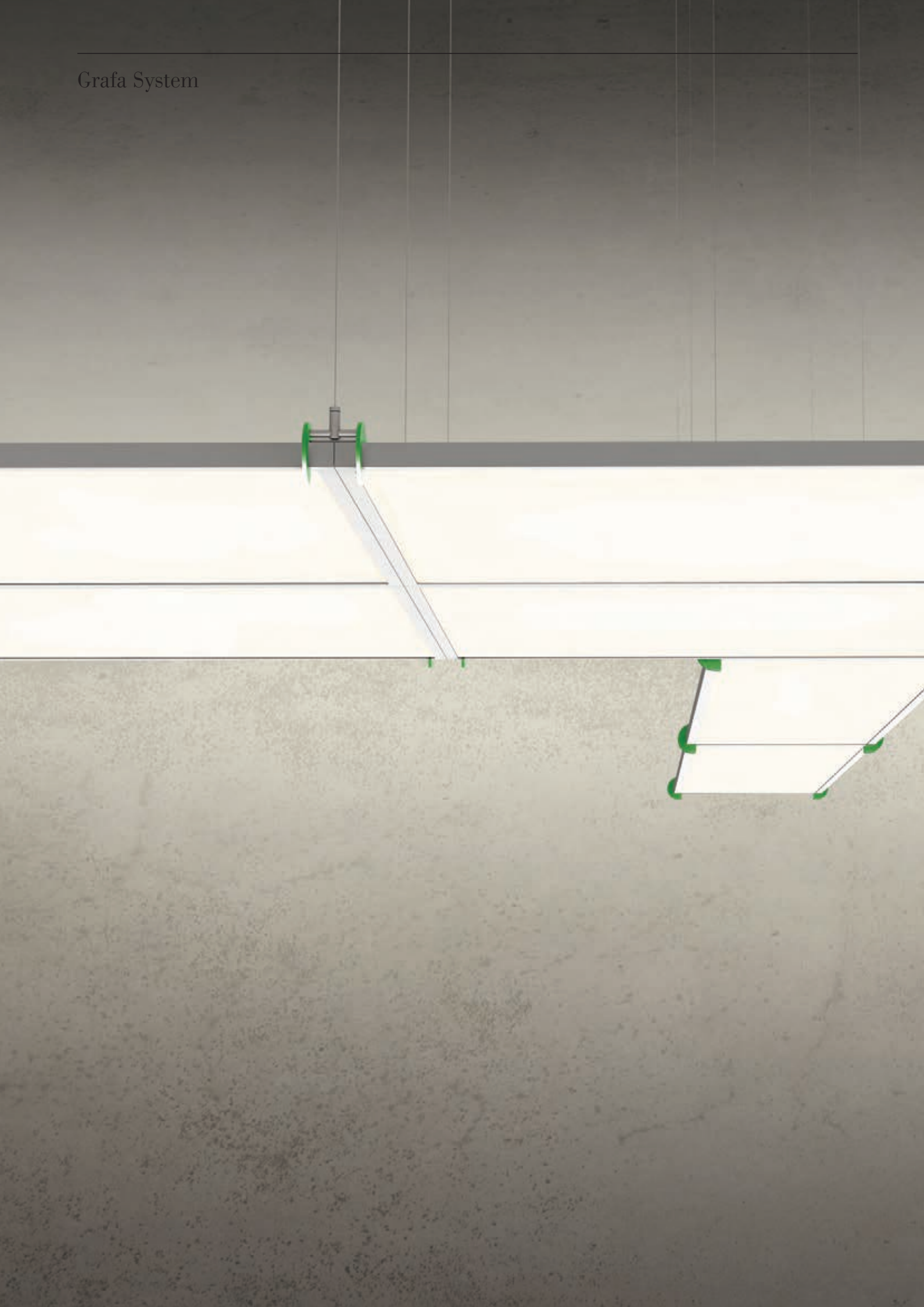


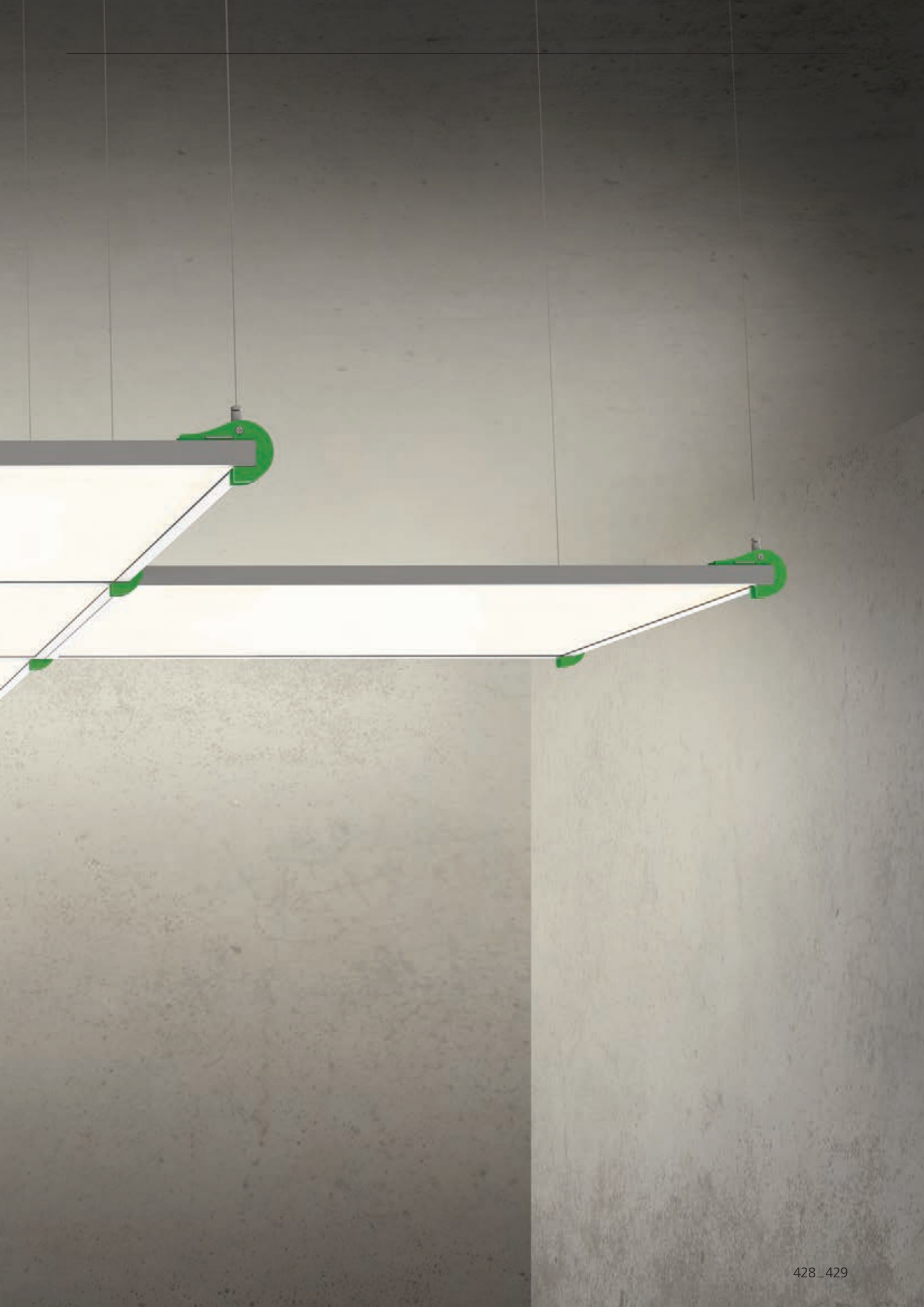
clip 1 module clip 2 module clip 3 module clip 4 module clip linking modules 1200/600

Suspension



Points of cable positioning

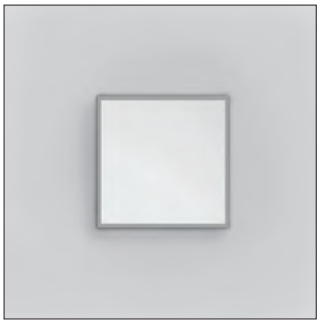




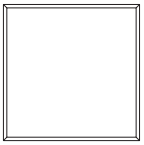
Structural Module 600x600

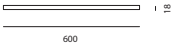
Cables	W	Weight	Flux	CCT	Code
linear	36 W	4,00 kg	3334 lm	3000 K	M3003W61
			3577 lm	4000 K	M3003N61
angular			3334 lm	3000 K	M3004W61
			3577 lm	4000 K	M3004N61

Driver SELV supplied separately.



IP20

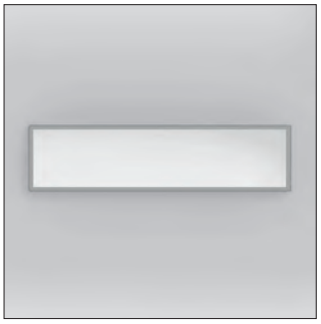




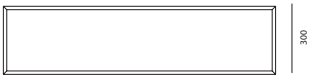
Structural Module 1200x300

Cables	W	Weight	Flux	CCT	Code
linear	36 W	4,00 kg	3334 lm	3000 K	M3001W61
			3577 lm	4000 K	M3001N61

Driver SELV supplied separately.

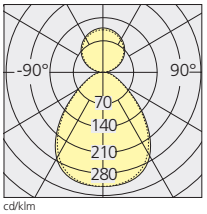


IP20



Grafa System	LED		luminaire	
Power	30 W	30 W	36 W	36 W
Flux	3789 lm	4055 lm	3334 lm	3577 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min)			
Color tolerance	MacAdam 4SDCM			
UGR	19	19		
Efficiency	88%	88%	88%	88%
Efficacy	126 lm/W	135 lm/W	93 lm/W	99 lm/W

36 W

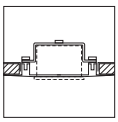


	3000 K				4000 K			
	H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	1,88	1040	415	1	1,93	1116	445	
2	3,75	260	104	2	3,85	279	111	
3	5,63	116	46	3	5,78	124	49	
4	7,50	65	26	4	7,71	70	28	
5	9,38	42	17	5	9,64	45	18	

Clips

		Color	Code
	Clips singular module	○	M301020
		●	M301030
		●	M301050
		●	M301000
		●	M301010
		●	M301040
	Linking Clips 2 modules	○	M301120
		●	M301130
		●	M301150
		●	M301100
		●	M301110
		●	M301140
	Linking Clips 3 modules	○	M301220
		●	M301230
		●	M301250
		●	M301200
		●	M301210
		●	M301240
	Linking Clips 4 modules	○	M301320
		●	M301330
		●	M301350
		●	M301300
		●	M301310
		●	M301340
	Linking Clips modules 1200x300 with 600x600	○	M301420
		●	M301430
		●	M301450
		●	M301400
		●	M301410
		●	M301440

Driver

			Dimmable Dali Code
	Ceiling plate form x 1 + 1 power supply cord Occupies 1 Dali destination.	End	M300591
	Ceiling plate x 2 modules 1 power supply cord 1 cable connection 1 cover for electrical connection Occupies 1 Dali destination.	End and Central	M300691
	Ceiling plate x 3 modules 2 power supply cord 1 cable connection 1 cover for electrical connection Occupies 1 Dali destination.	Central	M300791
	Ceiling plate x 4 modules 2 power supply cord 2 cable connection 2 cover for electrical connection Occupies 1 Dali destination.	Central	M300891
	Recessed kit (except x driver module 600x600 SA)		M301500

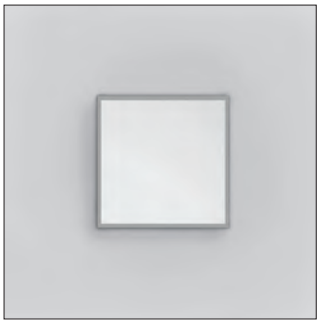
Grafa Stand Alone

Grafa Stand Alone

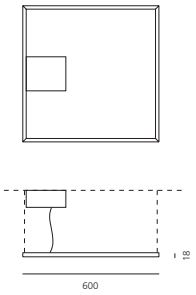
Structural module 600x600 Stand-Alone

W	Weight	Flux	CCT	Dali-SwitchDim Code
36 W	4,00 kg	3334 lm	3000 K	M3002W61
		3577 lm	4000 K	M3002N61

220/240Vac 50/60Hz electronic ballast included.
Occupies 1 Dali destination.



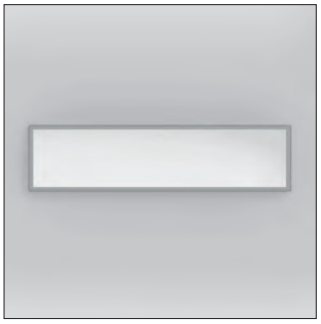
IP20



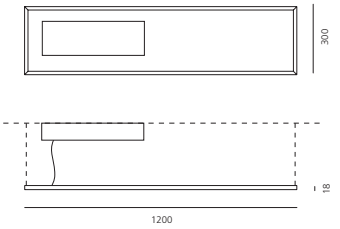
Structural module 1200x300 Stand-Alone

W	Weight	Flux	CCT	Dali-SwitchDim Code
36 W	4,00 kg	3573 lm	3000 K	M3000W61
		3823 lm	4000 K	M3000N61

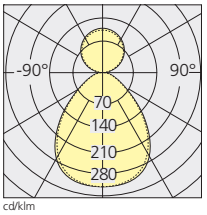
220/240Vac 50/60Hz electronic ballast included.
Occupies 1 Dali destination.



IP20



Grafa Stand Alone	LED		luminaire	
Power	30 W	30 W	36 W	36 W
Flux	3789 lm	4055 lm	3334 lm	3577 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min)			
Color tolerance	MacAdam 4SDCM			
UGR	19	19		
Efficiency	88%	88%	88%	88%
Efficacy	126 lm/W	135 lm/W	93 lm/W	99 lm/W

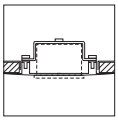


36 W	3000 K				4000 K			
H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	1,88	1106	437	1	1,88	1183	467
2	3,77	276	109	2	3,77	296	117
3	5,65	123	49	3	5,65	131	52
4	7,54	69	27	4	7,54	74	29
5	9,42	44	17	5	9,42	47	19

Clips

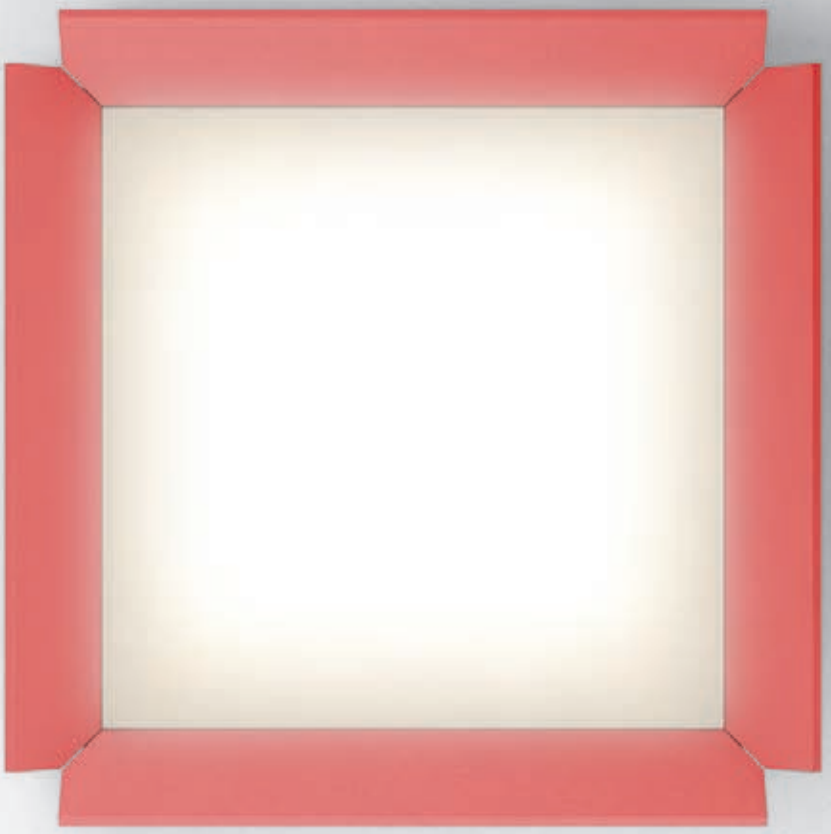
	Color	Code
Clips singular module	○	M301020
	●	M301030
	●	M301050
	●	M301000
	●	M301010
	●	M301040

	Color	Code
Linking Clips 4 modules	○	M301620
	●	M301630
	●	M301650
	●	M301600
	●	M301610
	●	M301640

Driver	Links	Dimmable Dali
		Code
 Recessed kit x driver module 600x600 SA		M301500
Recessed kit x driver module 1200x300 SA		M300900

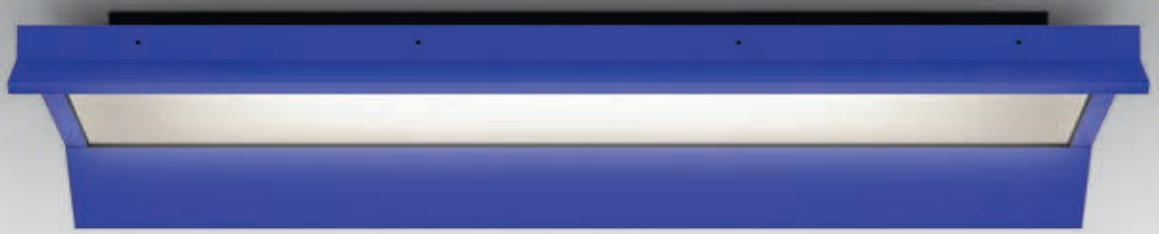
Gradian

J.M. Wilmotte
2014



Gradian

- A system of direct-emission panels with two mounting options – ceiling or wall – in individual or multiple configurations.
- High-efficiency LED Edge Backlighting technology.
- The outer frame consists of a set of protruding wings that collect the emitted light, thus ensuring maximum visual comfort with limited contrast between the appliance and its background.
- Extruded aluminium frame available in 6 colours: white, grey, anthracite grey, red, blue and green.
- Complies with the EN12464 norm, UGR<19.



Gradian

White ○ Grey ● Red ● Blue ●

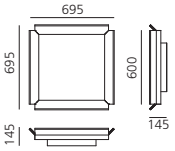
Gradian 600X600

Dimmable 1:10V

W	Weight	Beam	Flux	CCT	Color	Code
35 W	14 kg	86°	3310 lm	3000 K	○	M3200W21
					●	M3200W61
					●	M3200W41
					●	M3200W31
		86°	3517 lm	4000 K	○	M3200N21
					●	M3200N61
					●	M3200N41
					●	M3200N31

IP20

220/240Vac 50/60Hz electronic ballast included.



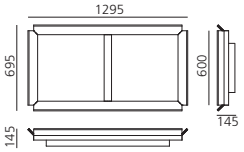
Gradian 1200X600

Dimmable 1:10V

W	Weight	Beam	Flux	CCT	Color	Code
35 W	28 kg	86°	6619 lm	3000 K	○	M3201W21
					●	M3201W61
					●	M3201W41
					●	M3201W31
		86°	7034 lm	4000 K	○	M3201N21
					●	M3201N61
					●	M3201N41
					●	M3201N31

IP20

220/240Vac 50/60Hz electronic ballast included.



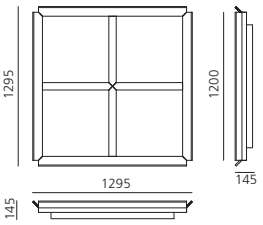
Gradian 1200X1200

Dimmable 1:10V

W	Weight	Beam	Flux	CCT	Color	Code
35 W	56 kg	86°	13238 lm	3000 K	○	M3202W21
					●	M3202W61
					●	M3202W41
					●	M3202W31
		86°	14068 lm	4000 K	○	M3202N21
					●	M3202N61
					●	M3202N41
					●	M3202N31

IP20

220/240Vac 50/60Hz electronic ballast included.



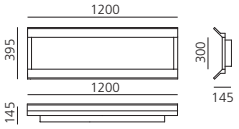
White ○ Grey ● Red ● Blue ●

Gradian 1200X300

W	Weight	Beam	Flux	CCT	Color	Dimmable 1:10V Code
35 W	13,5 kg	86°	3310 lm	3000 K	○	M3203W21
					●	M3203W61
					●	M3203W41
					●	M3203W31
		86°	3517 lm	4000 K	○	M3203N21
					●	M3203N61
					●	M3203N41
					●	M3203N31

IP20

220/240Vac 50/60Hz electronic ballast included.

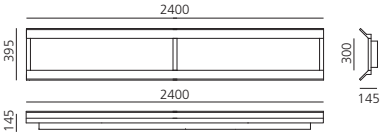


Gradian 2400X300

W	Weight	Beam	Flux	CCT	Color	Dimmable 1:10V Code
70 W	27 kg	86°	6619 lm	3000 K	○	M3204W21
					●	M3204W61
					●	M3204W41
					●	M3204W31
		86°	7034 lm	4000 K	○	M3204N21
					●	M3204N61
					●	M3204N41
					●	M3204N31

IP20

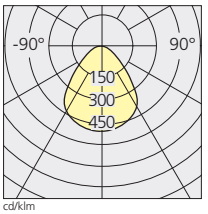
220/240Vac 50/60Hz electronic ballast included.



Gradian 600X600

LED		luminaire	
Power	32 W	32 W	35 W	35 W
Flux	4136 lm	4396 lm	3310 lm	3517 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance	MacAdam 4SDCM			
Service life	L70(10K)>50000h			
Beam			86°	86°
Efficiency			80%	80%
Efficacy	129 lm/W	137 lm/W	94 lm/W	100 lm/W

35 W — 3000 K — α=86° — 4000 K — α=86°

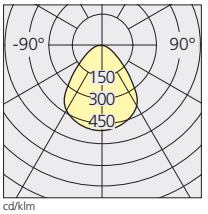


H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	1,88	1595	658	1	1,88	1695	699
2	3,77	399	164	2	3,77	424	175
3	5,65	177	73	3	5,65	188	78
4	7,54	100	41	4	7,54	106	44
5	9,32	64	26	5	9,32	68	28

Gradian 1200X300

LED		luminaire	
Power	64 W	64 W	70 W	70 W
Flux	4136 lm	4396 lm	6619 lm	7034 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance	MacAdam 4SDCM			
Service life	L70(10K)>50000h			
Beam			86°	86°
Efficiency			80%	80 %
Efficacy	129 lm/W	137 lm/W	94 lm/W	100 lm/W

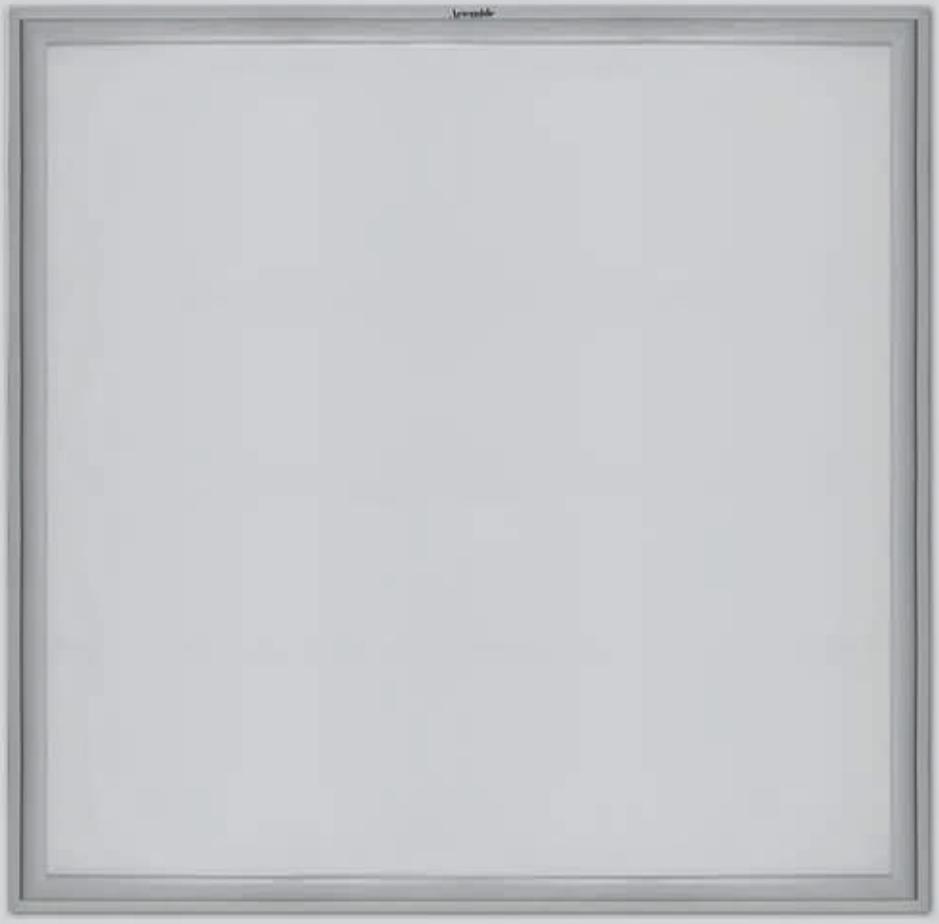
35 W — 3000 K — α=86° — 4000 K — α=86°

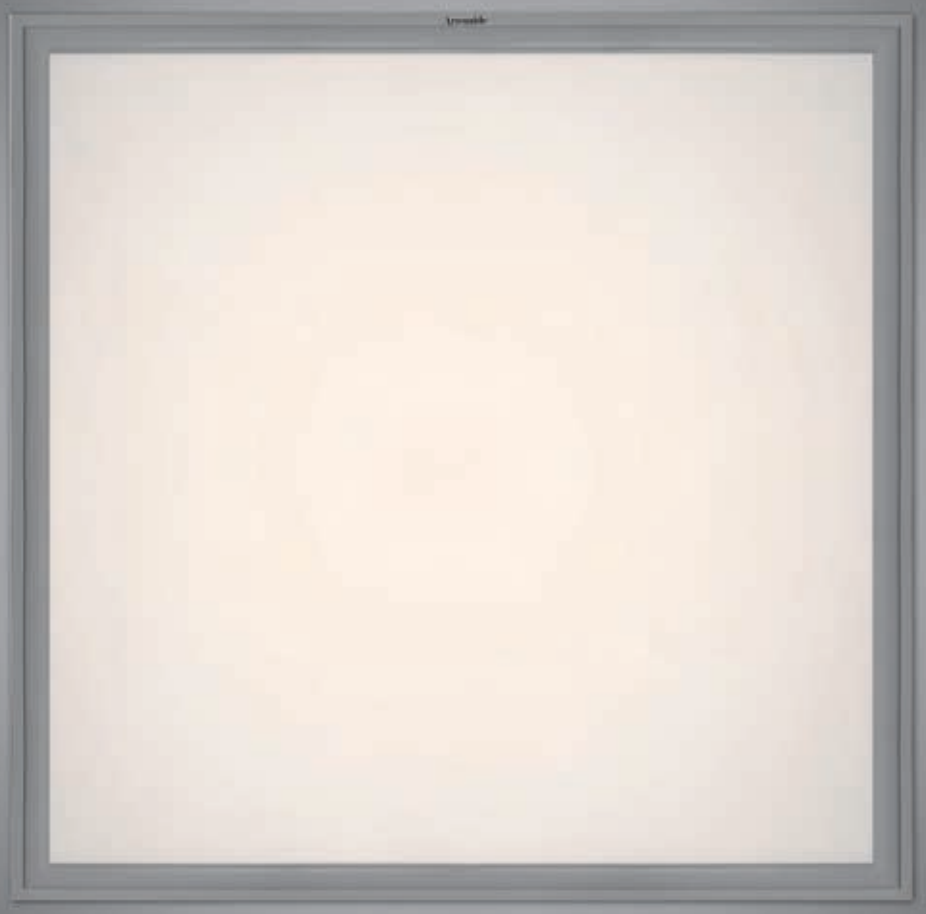


H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	1,88	3190	1315	1	1,88	3390	1398
2	3,77	798	329	2	3,77	848	349
3	5,65	354	146	3	5,65	377	155
4	7,54	199	82	4	7,54	212	87
5	9,42	128	53	5	9,32	136	56

Uglare19

2015





- Uglare is 600x600 and 625x625 recessed ceiling light, suited to illuminate working areas with video-terminals.
- Its strong steel and aluminium mechanical construction and high performance (over 100lm/W for the 4000K version), as well as the possibility to adjust the luminous flow, make this appliance ideal to illuminate work areas that require minimum incidence in terms of actual and perceived volumes of lighting systems.

Uglare19

Glossy white
○

600x600

W	Weight	Flux	CCT	Color	Code
35 W	3,90 kg	3309 lm	3000 K	○	M032500
		3517 lm	4000 K	○	M032600

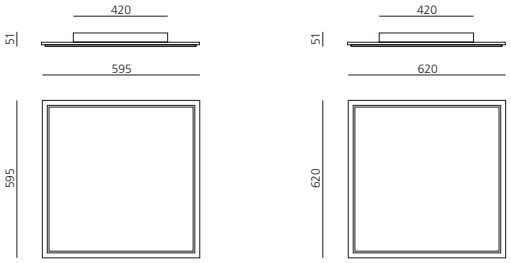
220/240Vac 50/60Hz electronic ballast included.

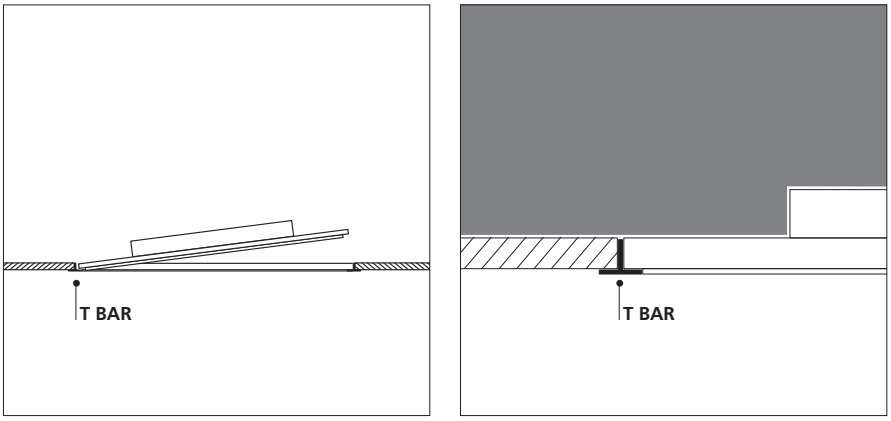
625x625

W	Weight	Flux	CCT	Color	Code
35 W	3,90 kg	3309 lm	3000 K	○	M032700
		3517 lm	4000 K	○	M032800

220/240Vac 50/60Hz electronic ballast included.

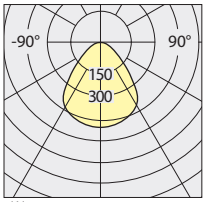
IP40 ⏚ **IK**10 650°





Installation with luminaire incorporated
into the 600/625 modular ceiling structure.

UGLARE 19	LED		luminaire		35 W
Power	32W	32 W	35W	35 W	
Flux	3361 lm	4136 lm	3309 lm	3517 lm	
CCT	3000 K	4000 K	3000 K	4000 K	
CRI	=80 (typ.)				
Color tolerance	MacAdam 4SDCM				
Service life	L70(10K) > 50000h				
Beam			C0-C180 87° C90-C270 87°	C0-C180 87° C90-C270 87°	
UGR	<19	<19	<19	<19	
Efficiency			80%	80%	
Efficacy	129 lm/W	137 lm/W	94 lm/W	100 lm/W	



Chocolate terra

a·g Licht
2013 (LED)

product design award 2014

Chocolate terra LED

- Luminous flux distribution: Version 1 desk – 800x1600mm: Total flux produced consists of 35% direct emission and 65% indirect emission.
- Version 2 desk – 1600x1600mm: Total flux produced consists of 50% direct emission and 50% indirect emission.
- Available in warm white (3000K) and neutral white (4000K). CRI (indirect)= 80 (min). CRI (direct)=80 (typ).
- Two options of light management: dimmable with manual independent control of direct and indirect emission, or Interactive DALI system offering automatic control of illumination on the working plane. A single button allows you to set the desired light with Interactive DALI option.
- 2 colours: brown and white.
- Materials: head and stem in polished aluminium, base in polished aluminium, optics in metallized plastic, diffuser in clear polycarbonate.
- Compliant with standard EN60598-1 and other specific regulations.

Chocolate terra Fluo

- Floor lamp with direct-indirect lighting using 4x24 W or 6x24 W T16 and 2x55w TC-LEL light source.
- Optical unit and pole made of painted aluminum.
- Painted steel base.
- 2 colours: mocha and white.
- Optics made of transparent polycarbonate fitted with a prismoptic type diffuser.
- Light output ratio: 77% (TC-LEL version) and 67% (T16).
- Light distribution: 32% direct and 68% indirect (TC-LEL version), 34% direct and 66% indirect (T16).
- 4 levels of electronic light management depending on the version: electronic ballast with power switch, dimming control with manual light intensity adjustment, simple motion sensor with automatic on/off switching based on presence and light level, and interactive-dali system combining a movement detector and a daylight sensor for auto-regulation in relation to people presence and variations in daylight.
- Polycarbonate dust protection screen to be ordered separately.
- Complies with standard EN60598-1 and other specific standards.

Chocolate terra LED

The aluminium profile works as heat sink to dissipate heat.

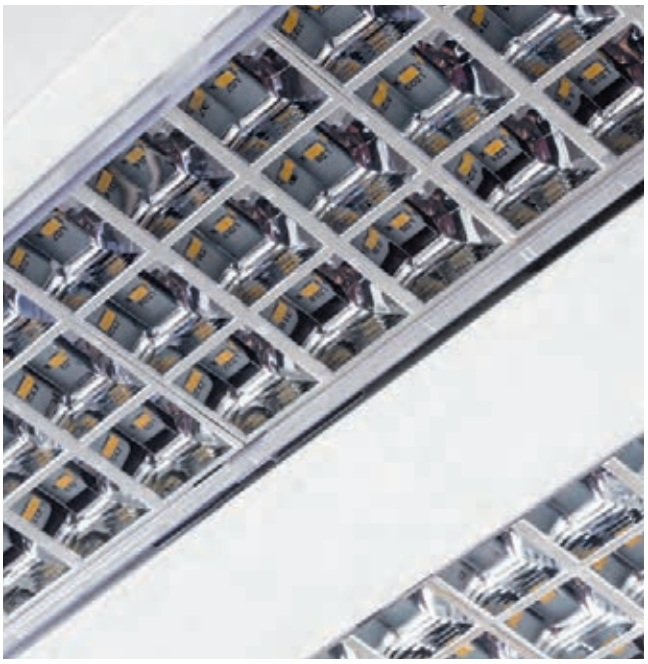
Driver and components are located in the central compartment.

The 4 LEDs located in each corner are protected by an integral anti-dust screen.

The innovative optic system, specifically made with 108 micro-reflectors, allows a dazzle-free, controlled and concentrated light emission for single workspaces (800x1600mm, 1-desk version) or double workspaces (1600x1600mm, 2-desks version).

Chocolate terra LED 1-desk

Chocolate terra LED 2-desks

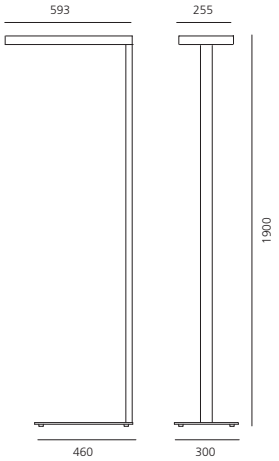


Chocolate terra LED

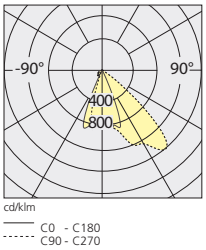
Brown ● White ○

LED 1 desk					Dimmable	Interactive Dali
W	Weight	Flux	CCT	Color	Code	Code
30 W	14 kg	1614 lm	3000 K	●	M036211	M036216
+ 51 W		+ 3772 lm		○	M036221	M036226
		1727 lm	4000 K	●	M036311	M036316
		+ 4036 lm		○	M036321	M036326

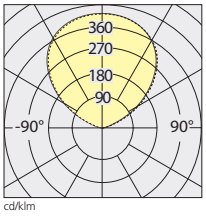
IP20 ⏚



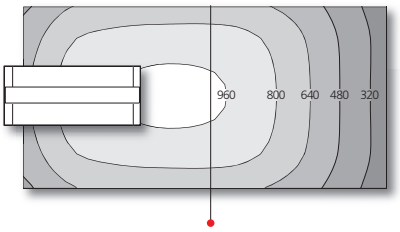
Chocolate terra 1 desk	LED direct		luminaire direct		30 W
Power	26 W	26 W	30 W	30 W	
Flux	2510 lm	2686 lm	1614 lm	1727 lm	
CCT	3000 K	4000 K	3000 K	4000 K	
CRI	>80 (min.)		>80 (min.)		
Color tolerance	MacAdam 4SDCM				
Service life	L70(6K) > 36000h				
Efficiency			64%	64%	
Efficacy	96 lm/W	103 lm/W	54 lm/W	58 lm/W	



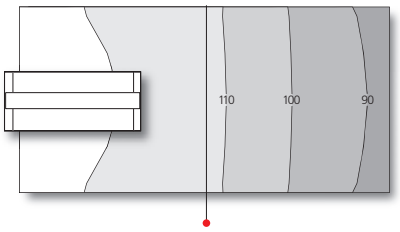
	LED indirect		luminaire indirect		51 W
Power	44 W	44 W	51 W	51 W	
Flux	3902 lm	4175 lm	3772 lm	4036 lm	
CCT	3000 K	4000 K	3000 K	4000 K	
CRI	>80 (min.)		>80 (min.)		
Color tolerance	MacAdam 3SDCM				
Service life	L70(6K) > 36000h				
Efficiency			96%	96%	
Efficacy	89 lm/W	95 lm/W	74 lm/W	79 lm/W	



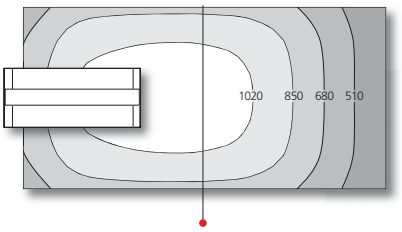
Direct emission



Indirect emission



Double emission



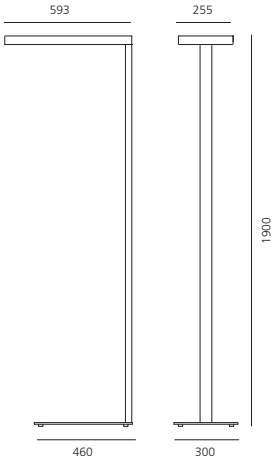
● **UGR < 19** transversely to a table

Chocolate terra LED

Brown ● White ○

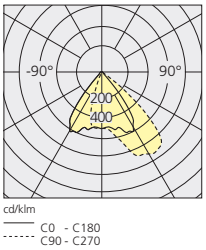
LED 2 desks					Dimmable	Interactive Dali
W	Weight	Flux	CCT	Color	Code	Code
45W	14 kg	2984 lm	3000 K	●	M036411	M036416
+50W		+ 3680 lm		○	M036421	M036426
		3193 lm	4000 K	●	M036511	M036516
		+ 3938 lm		○	M036521	M036526

IP20



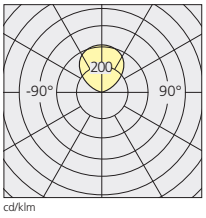
Chocolate terra 2 desks	LED direct		luminaire direct	
Power	38 W	38 W	45 W	45 W
Flux	4070 lm	4355 lm	2984 lm	3193 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	>80 (min.)			
Color tolerance	MacAdam 4SDCM			
Service life	L70(6K) > 36000h			
Efficiency			73%	73%
Efficacy	107 lm/W	115 lm/W	66 lm/W	71 lm/W

45 W

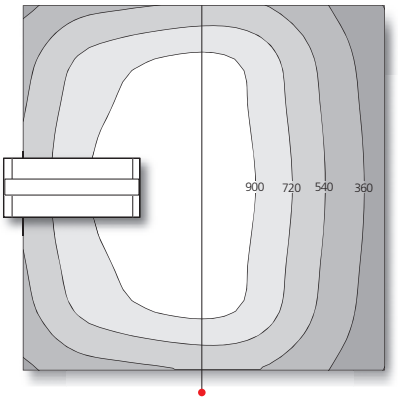


	LED indirect		luminaire indirect	
Power	43 W	43 W	50 W	50 W
Flux	3915 lm	4189 lm	3680 lm	3938 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	>80 (min.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(6K) > 36000h			
Efficiency			94%	94%
Efficacy	91 lm/W	97 lm/W	74 lm/W	79 lm/W

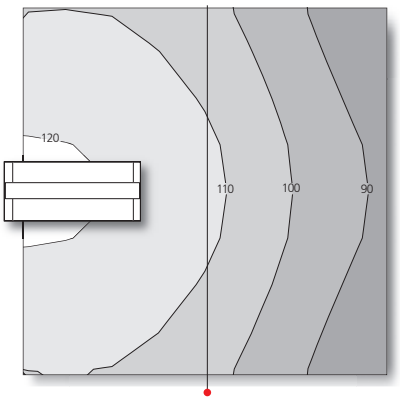
50 W



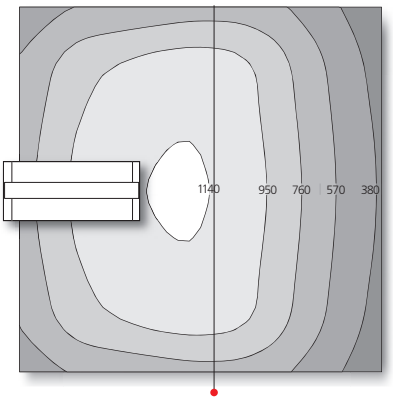
Direct emission



Indirect emission



Double emission



● **UGR < 19** transversely to a table

Speicher 7 - Mannheim (Germany)
Arch: Schmucker & Partner, Planungsgesellschaft mbH
Photo: Linus Lintner

Chocolate terra fluo

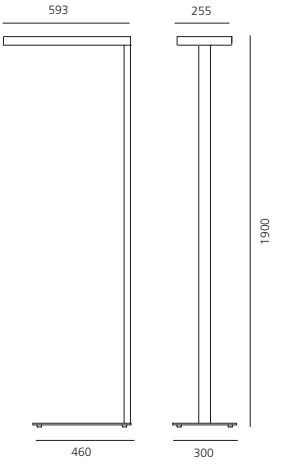
● Mocha ○ White

T16 (G5)

W	Weight	Flux	Color	Non dimmable Code	Dimmable Code
4x24W	13,70Kg	7000 lm	●	M163910	M163911
			○	M163920	M163921
6x24W	14,00Kg	10500 lm	●	M164110	M164111
			○	M164120	M164121

W	Weight	Flux	Color	Interactive-Dali Code	Motion detector Code
4x24W	13,70Kg	7000 lm	●	M163916	M163919
			○	M163926	M163929
6x24W	14,00Kg	10500 lm	●	M164116	M164119
			○	M164126	M164129

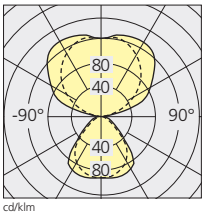
IP20 ⏚ 850°



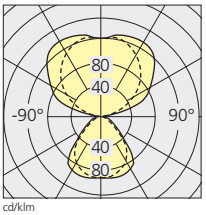
T16

4x24W Efficiency 67%
6x24W Efficiency 66%

4x24W 7000 lm



6x24W 10500 lm



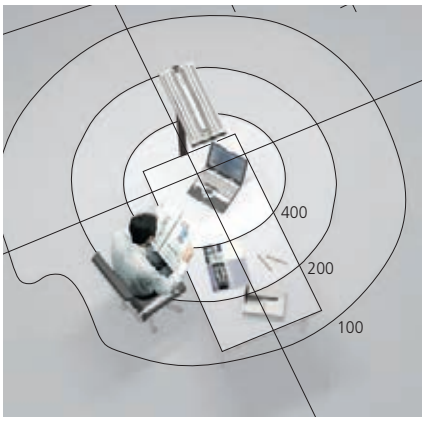
Accessories

	Code
Polycarbonate dust protection screen (set of 2).	M164200
Interactive-Dali remote control.	M104900

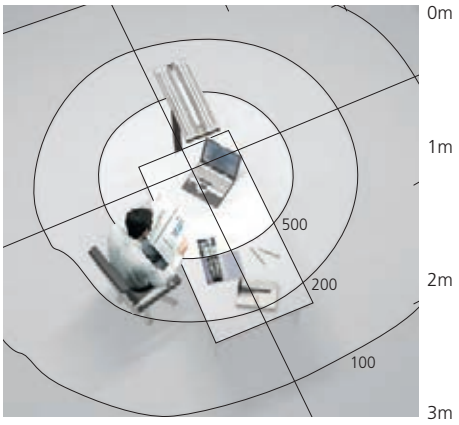
Isolux

Calculation parameters to issue isolux curve diagrams: Office with one work station.
Length x width x height 5,00x5,00x2,70m.
Reflectance factors ceiling/walls/floor 70/50/20%.
Working plan 1,60x0,80x0,75m.
Maintenance factor 0,90WF.

Chocolate floor T16
T16 (G5) 4x24W.
Em (desk) 382lux.



T16 (G5) 6x24W.
Em (desk) 606lux.



Chocolate floorTC-LEL
has been certified according to the Swiss top-quality Minergie® standard.

● Mocha ○ White

TC-LEL (2G11)

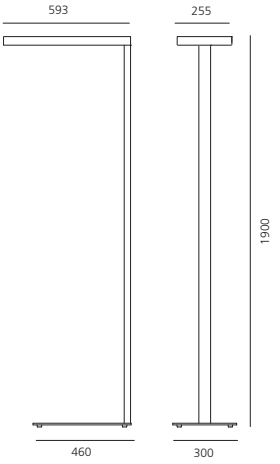
W	Weight	Flux	Color
2x55 W	13,70Kg	9600 lm	● ○

Non dimmable	Dimmable
Code	Code
M163810	M163811
M163820	M163821

Interactive-Dali

Color	Code
●	M163816
○	M163826

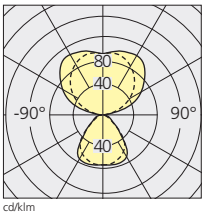
IP20 ⏚ 850°



TC-LEL

Efficiency 77%

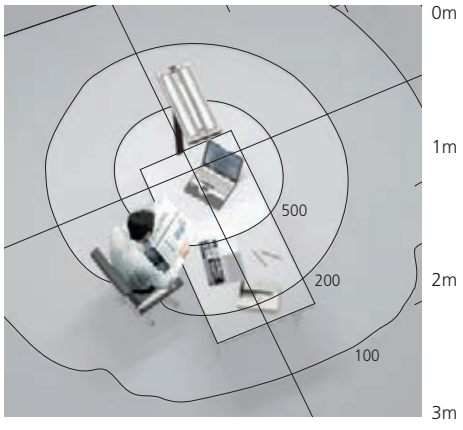
2x55W 9600 lm



Accessories

	Code
Polycarbonate dust protection screen (set of 2).	M164200
Interactive-Dali remote control.	M104900

Chocolate floor TC-LEL
TC-LEL (2G11) 2x55W.
Em (desk) 501lux.



Chocolate sospensione

a·g Licht
2009

- Single pendant light with direct-indirect lighting using Led and 2x28 W and 2x54 W T16 fluorescent lamps.
- Aluminium body.
- 2 colours: mocha and white.
- Optics made of transparent polycarbonate fitted with a prismoptic diffuser.
- Electronic control gear, or Dali-SwitchDim dimmable electronic control gear. Emergency lighting on request.
- Polycarbonate dust protection cover.
- Quick adjustment steel suspension cables.
- Complies with standard EN60598-1 and other specific standards.

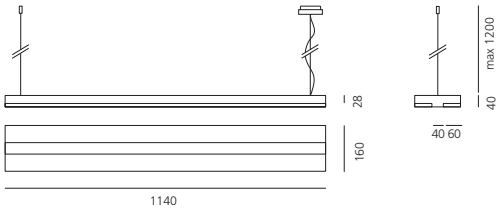
Chocolate sospensione

Mocha ● White ○

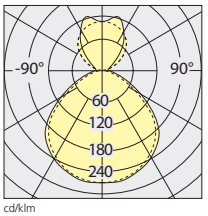
LED					Non dimmable	Dali dimmable
W	Weight	Flux	CCT	Color	Code	Code
63 W	4,6Kg	3868 lm	3000 K	●	M113610	M113611
				○	M113620	M113621
		4136 lm	4000 K	●	M113710	M113711
				○	M113720	M113721

220/240Vac 50/60Hz electronic ballast included.

IP20 ⏚ 850°



	LED		luminaire		63 W	3000 K				4000 K			
						H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
Power	55 W	55 W	63 W	63 W									
Flux	8230 lm	8800 lm	3868 lm	4136 lm		1	2,72	1019	301	1	2,72	1090	322
CCT	3000 K	4000 K	3000 K	4000 K		2	5,44	255	75	2	5,44	272	81
CRI	=80 (min.)					3	8,16	113	33	3	8,16	121	36
Color tolerance	MacAdam 4SDCM					4	10,88	64	19	4	10,88	68	20
Service life	L70(6K) > 50000h					5	13,60	41	12	5	13,60	44	13
Beam													
Efficiency			47%	47%									
Efficacy	150 lm/W	160 lm/W	61 lm/W	66 lm/W									



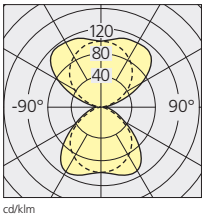
T16 (G5)					Non dimmable	Dali-SwitchDim
W	EC	Weight	Flux	Color	Code	Code
2x28 W	1	1,9Kg	5200 lm	●	M164710	M164811
				○	M164720	M164821
2x54 W	1	1,9Kg	8900 lm	●	M164810	
				○	M164820	

220/240Vac 50/60Hz electronic ballast included.

T16

Efficiency 64%

2x54 W	4450 lm
2x28 W	2600 lm



Chocolate parete

a·g Licht
2008

- Wall lamp with direct-indirect lighting using LED or 2x24 W and 3x24 W T16 fluorescent light source.
- Painted aluminum body.
- 2 colours: mocha and white.
- Optics made of transparent polycarbonate fitted with a prismoptic type diffuser.
- Electronic control gear
- Polycarbonate dust protection screen.
- Complies with standard EN60598-1 and other specific standards.

Chocolate parete

Mocha ● White ○

LED L 585 — Non dimmable

W	Weight	Flux	CCT	Color	Code
16 W	1,9Kg	1210 lm	3000 K	●	M112410
				○	M112420
			4000 K	●	M112510
				○	M112520

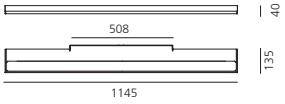
220/240Vac 50/60Hz electronic ballast included.

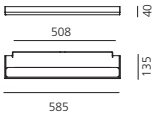
LED L 1145 — Non dimmable

W	Weight	Flux	CCT	Color	Code
31 W	3,7Kg	2262 lm	3000 K	●	M112610
				○	M112620
		2420 lm	4000 K	●	M112710
				○	M112720

220/240Vac 50/60Hz electronic ballast included.

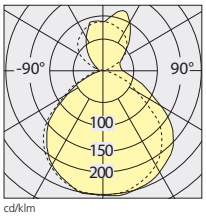
IP20 ⏚ 850°





L 585	LED		luminaire	
Power	14 W	14 W	16 W	16 W
Flux	2200 lm	2200 lm	1210 lm	1210 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(6K) > 50000h			
Beam				
Efficiency			55%	55%
Efficacy	157 lm/W	157 lm/W	76 lm/W	78 lm/W

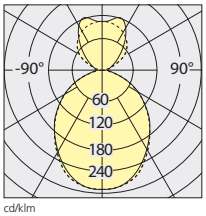
16 W



cd/klm
C0 - C180
C90 - C270

	LED		luminaire	
Power	28 W	28 W	31 W	31 W
Flux	4140 lm	4400 lm	2262 lm	2420 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance	MacAdam 4SDCM			
Service life	L70(6K) > 50000h			
Beam				
Efficiency			55%	55%
Efficacy	148 lm/W	157 lm/W	73 lm/W	78 lm/W

31 W



cd/klm
C0 - C180
C90 - C270

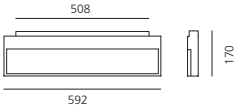
3000 K				4000 K			
H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	2,23	636	210	1	2,23	681	224
2	4,45	159	52	2	4,45	170	56
3	6,68	71	23	3	6,68	76	25
4	8,91	40	13	4	8,91	43	14
5	11,13	25	8	5	11,13	27	9

T16 (G5) — Non dimmable

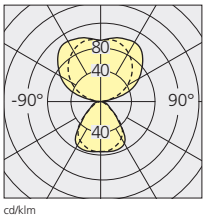
W	Weight	Flux	Color	Code
2x24 W	1,9Kg	3500 lm	●	M164510
			○	M164520
3x24W	1,9Kg	5250 lm	●	M164610
			○	M164620

Polycarbonate dust protection screen included.

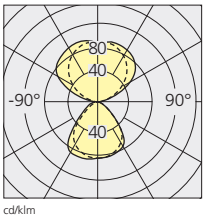
IP20 ⏚ 850°



T16	2x24W	3500 lm	3x24W	5250 lm
Efficiency 60%				



cd/klm
C0 - C180
C90 - C270

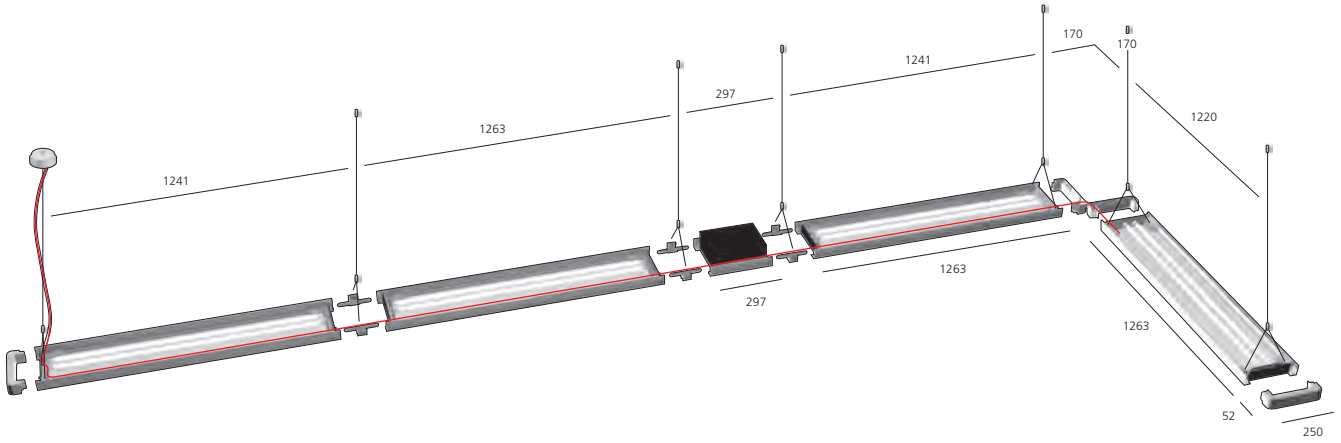


cd/klm
C0 - C180
C90 - C270

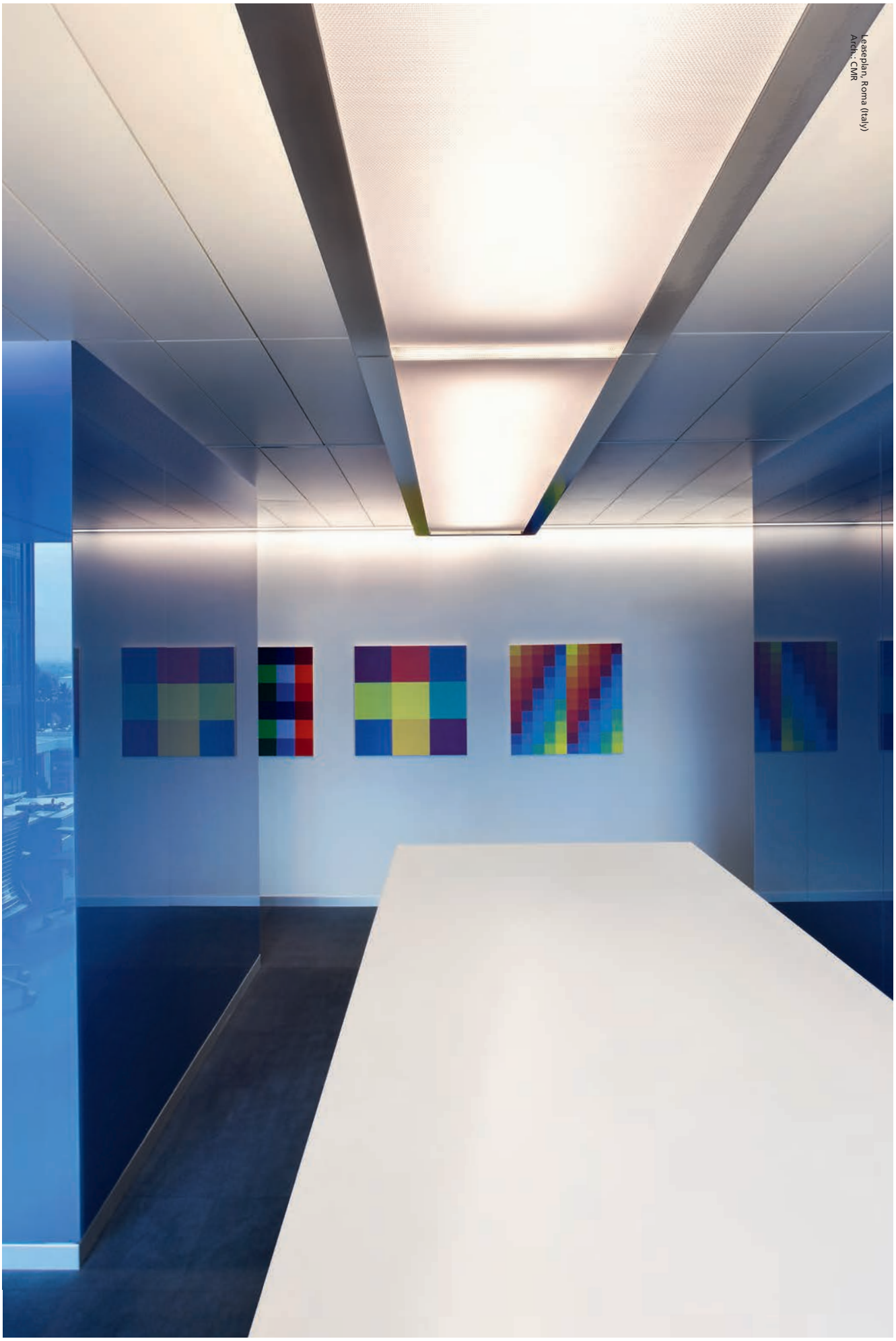
Esprit

Giovanni Giacobone
Massimo Roj
2007

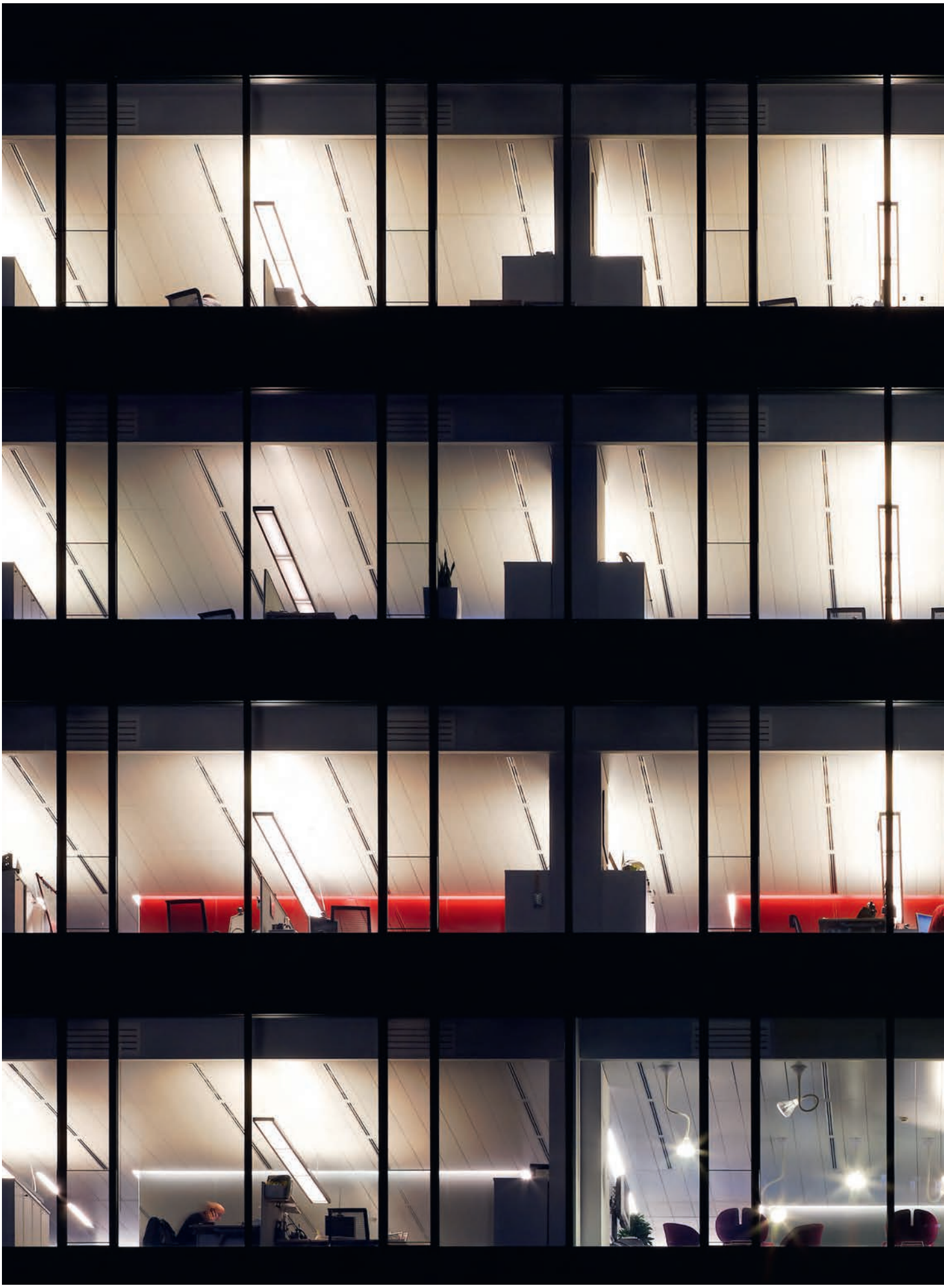
Esprit System



- Pendant system with indirect and direct-indirect lighting using 2x54w t16 fluorescent lamps.
- Available as a single pendant light or as a modular system.
- The structure consists of an aluminium frame with a metallic grey paint finish and a central optical element.
- End caps in die-cast aluminium.
- Indirect lighting version equipped with an opaque screen with an exclusive black crystal lacquered finish.
- Light output ratio: 59% (indirect lighting version) and 89% (direct-indirect lighting version).
- Light distribution: 85% indirect and 15% direct.
- Electronic ballast, or dali-switchdim dimmable electronic ballast, and emergency lighting.
- Intermodule mechanical connection by linear or 90° connectors.
- Quick adjustment steel suspension cables.
- Mini modules for the installation of auxiliary services: accent lighting, video, sound, smoke detectors, etc.
- Complies with standard EN60598-1 and other specific standards.



Leaseplan, Roma (Italy)
Arch.: CMR



Metal grey

T16 (G5) indirect emission

W	Weight	Flux	Color	Non dimmable Code	Dali dimmable Code
2x54 W	5,7 kg	8900 lm		M155000	M155001
2x28 W	5,7 kg	5200 lm			M155001

220/240Vac 50/60Hz electronic ballast included.

Color	+ emergency 1h Code
	M155007

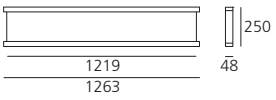
T16 (G5) dual emission

W	Weight	Flux	Color	Non dimmable Code	Dali dimmable Code
2x28 W	5,7 kg	8900 lm		M155100	M155101
2x54 W	5,7 kg	5200 lm			M155101

220/240Vac 50/60Hz electronic ballast included.

Color	+ emergency 1h Code
	M155107

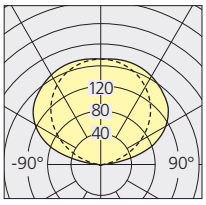
IP20 ⏚ 850°



T16

Efficiency 89%

2x54 W	8900 lm
2x28 W	5200 lm

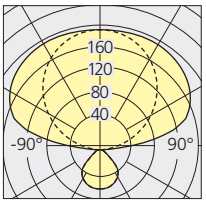


cd/klm

T16

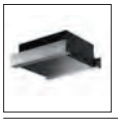
Efficiency 89%

2x54 W	8900 lm
2x28 W	5200 lm



cd/klm

Components

		Code
	Downlighter module QR-CBC51 (GU5,3) 1xmax50 W / 12V. Integral electronic transformer. Dimmable by trailing edge external dimmers. 297x250x100mm. 	M155600
	Unwired module for auxiliary service. 297x250x48mm.	M156000
	**Unwired module for auxiliary service.** 297x250x100mm.	M156100
	End cap (set of 2). 250x52x48mm.	M156200

Components

		Code
	Linear connector.	M156300
	L-shaped connector. 296x296x48mm.	M156400
	Steel suspension cable. 1200mm.	M108320
	Suspension cable with power supply. Ceiling plate Ø100mm. 1200mm. 3-pole (3x1,5mm²) 5-pole (5x1,5mm²)	M156600 M156700

Esprit suspension

Metal grey

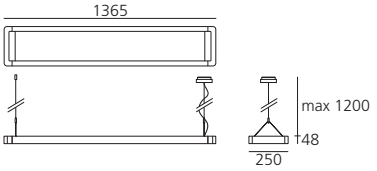
T16 (G5) indirect emission				Non dimmable	Dali dimmable
W	Weight	Flux	Color	Code	Code
2x54 W	5,7 kg	8900 lm		M154500	M154501
2x28 W	5,7 kg	5200 lm			M154501

220/240Vac 50/60Hz electronic ballast included.

T16 (G5) dual emission				Non dimmable	Dali dimmable
W	Weight	Flux	Color	Code	Code
2x28 W	5,7 kg	8900 lm		M154600	M154601
2x54 W	5,7 kg	5200 lm			M154601

220/240Vac 50/60Hz electronic ballast included.

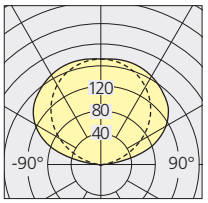
IP20 ⏚ 850°



T16

Efficiency 89%

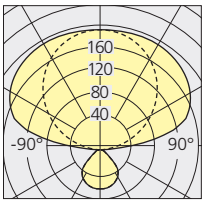
2x54 W	8900 lm
2x28 W	5200 lm



T16

Efficiency 89%

2x54 W	8900 lm
2x28 W	5200 lm

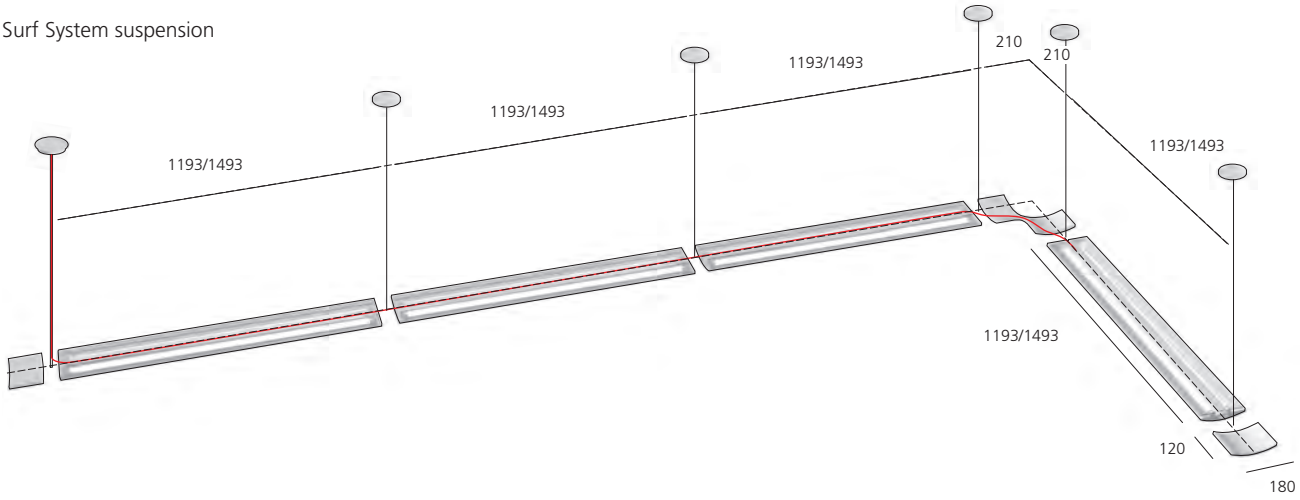


Surf System

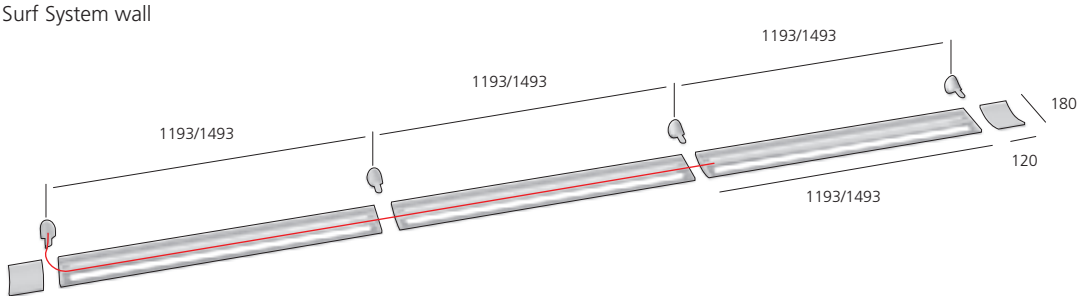
Neil Poulton
1998

Surf System

Surf System suspension



Surf System wall



Surf System LED

- High-performing LED modular system with indirect emission.
- Available in warm white (3000 K) and neutral white (4000 K) – CRI=80 (typ).
- Ceiling-mounted or suspended.
- Single installation, in line or angled (L-shaped / 90°, 2-ways, 3-ways, 4-ways).
- Non-dimmable electronic power supply, DALI dimmable or interactive DALI system, combining presence detector and daylight sensor.
- Materials: white or grey painted extruded aluminium body, extruded polycarbonate dust-protective screen.
- 'Quick'-adjustable steel suspension cables.
- Compliant to standard EN62471, EN60598-1 and other specific regulations.

Surf System Fluo

- Modular system for indirect lighting using 2x14 W to 2x80 W T16 fluorescent lamps.
- Extruded aluminium body with a white or grey paint finish.
- Can be installed as a pendant light (surf system suspension) or wall light (surf system wall).
- Continuous linear mounting or with 90° connectors, 3 and 4 ways connectors.
- Light output ratio: 72%.
- Electronic ballast, or dali-switchdim dimmable electronic ballast, or interactive-dali system combining a movement detector and a daylight sensor for auto-regulation in relation to people presence and variations in daylight. Emergency lighting as an optional extra.
- Dust protection cover made of extruded polycarbonate.
- Quick adjustment steel suspension cables.
- Complies with standard EN60598-1 and other specific standards.

Eurizon Capital - Milan (Italy)
Arch: Silvia Suardi, Segzin Aksu, Photo: Beppe Raso

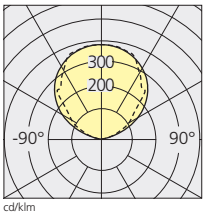
Surf System

White ○ Grey ●

LED						non dimmable	Dali dimmable
W	Length	Weight	Flux	CCT	Color	Code	Code
65 W	1193 mm	5,10 kg	6305 lm	3000 K	○	M095120	M095121
					●	M095190	M095191
			6635 lm	4000 K	○	M095220	M095221
					●	M095290	M095291

220/240Vac 50/60Hz electronic ballast included.

Surf System	LED		luminaire		65 W
Power	58 W	58 W	65 W	65 W	
Flux	7460 lm	7850 lm	6305 lm	6635 lm	
CCT	3000 K	4000 K	3000 K	4000 K	
CRI	=80 (typ.)				
Color tolerance	MacAdam 4SDCM				
Service life	L70(6K) > 50000h				
Efficiency			85%	85%	
Efficacy	130 lm/W	135 lm/W	98 lm/W	103 lm/W	



cd/klm
C0 - C180
C90 - C270

T16 (G5)						Non dimmable	Dali-SwitchDim	Interactive-Dali
	Length	Weight	Flux		Color	Code	Code	Code
2x14 W	593 mm	2,50 kg	2400 lm		○	M091520		
					●	M091590		
2x28 W	1193 mm	3,60 kg	3200 lm		○	M090020	M094720	
					●	M090090	M094790	
2x35 W	1493 mm	4,50 kg	6600 lm		○	M090120	M094820	
					●	M090190	M094890	
2x54 W	1193 mm	3,60 kg	8900 lm		○	M094520	M094925	M094926
					●	M094590	M094995	M094996
2x80 W	1493 mm	4,50 kg	12300 lm		○	M094620	M091125	
					●	M094690	M091195	

220/240Vac 50/60Hz electronic ballast included.
Surf module 2x80W is equipped with 2 power supplies and therefore it occupies 2 DALI addresses.

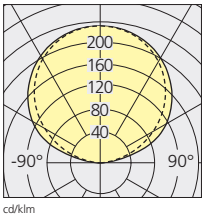
T16 (G5)					+ emergency 1h
	Length	Weight	Flux	Color	Code
2x24 W	1193 mm	3,60 kg	2500 lm	○	M097620
				●	M097690
2x28 W	1773 mm	5,60 kg	3200 lm	○	M091220
				●	M091290
2x35 W	2073 mm	6,50 kg	6600 lm	○	M091320
				●	M091390

220/240Vac 50/60Hz electronic ballast included.

T16

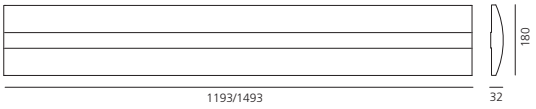
Efficiency 72%

2x14 W	2400 lm
2x28 W	3200 lm
2x35 W	6600 lm
2x54 W	8900 lm
2x80 W	12300 lm

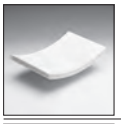


cd/klm
C0 - C180
C90 - C270

IP20 ⏚ 960°

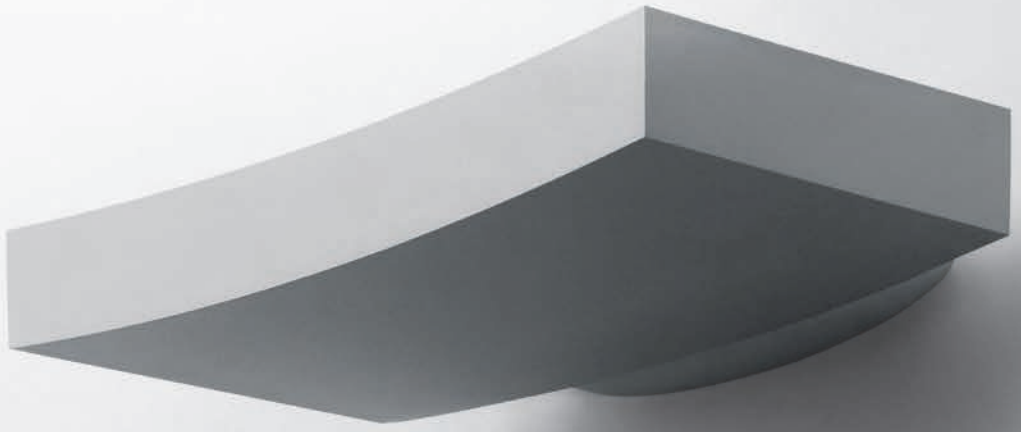


Accessories

		White ○	Grey ●
		Color	Code
	End cap 120x180 mm 0,70 kg	○ ●	M090220 M090290
	L-shaped connector 300x300 mm 1,50 kg	○ ●	M090320 M090390
	3-way connector 421x300 mm 2,30 kg	○ ●	M090420 M090490
	4-way connector 421x421 mm 3,00 kg	○ ●	M090520 M090590
	Steel suspension cable ceiling plate ⌀100 mm	○ ●	M090620 M090690
	3 core suspension cable (3x1,5 mm^2) ceiling plate ⌀100 mm L 1100 mm	○ ●	M090720 M090790
	5 core suspension cable (3x1,5 mm^2 +2x0,5 mm^2) ceiling plate ⌀100 mm L 1100 mm	○ ●	M091820 M091890
	Wall fixing without power supply 55x90 mm protusion 50 mm	○ ●	M090820 M090890
	Wall fixing with power supply (3x1,5 mm^2) 55x90 mm protusion 50 mm	○ ●	M090920 M090990
	Interactive-Dali remote control		M104900
	Interactive-Dali kit ⌀86mm, white, recessed. Can be connected to a max. 11 Dali dimmable units (slave modules). Operated through an Interactive-Dali remote control or optional. ⌀72		M074030
	Recessed motion sensor for Interactive-Dali system. ⌀64		M074130

Surf wall

Neil Poulton
1998



- High-performing LED wall-mounted light fitting.
- More than 3,400 lm flux installed.
- High efficiency: more than 70 lumen per watt.
- Available in warm white (3000K) and neutral white (4000K) – CRI=80 (typ).
- Materials: body in white or grey painted aluminium.
- Non-dimmable electronic power supply or dimmable Dali-SwitchDim options.
- Compliant to standard EN62471, EN60598-1 and other specific regulations.
- A range of wall lamps with indirect lighting, using 300 W halogen, 150 W metal-halide and 1x18 W, 2x36 W and 2x55 W TC-LEL fluorescent lamps.
- Aluminium body with white or grey paint finish.
- 3 size options: 174x300mm, 290x460mm and 290x600mm.
- Electronic ballast.
- Protective glass (for halogen and metal-halide versions) or polycarbonate dust-protection screen (for 2x36-55W TC-LEL versions).
- Complies with standard EN60598-1 and other specific standards.

Surf wall

White ○ Grey ●

Surf wall 300

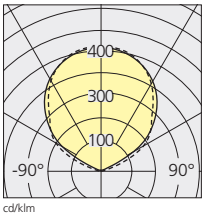
LED

W	Weight	Flux	CCT	Color	non dimmable Code	Dali-SwitchDim Code
35 W	1,40 kg	2930 lm	3000 K	○	M060120	M060121
				●	M060190	M060191
		3078 lm	4000 K	○	M060220	M060221
				●	M060290	M060291

220/240Vac 50/60Hz electronic ballast included.

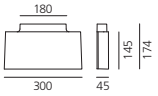
	LED		luminaire	
Power	31 W	31 W	35 W	35 W
Flux	3433 lm	3605 lm	2930 lm	3078 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (typ.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(6K) > 50000h			
Efficiency			85%	85%
Efficacy	110 lm/W	116 lm/W	80 lm/W	84 lm/W

37W



cd/klm
C0 - C180
C90 - C270

IP20 ⏚ 960°

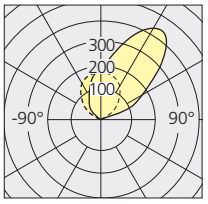


QT-DE12 (R7s)

W	Weight	Flux	Color	Code
max 300 W	1,00 kg	5000 lm	○	M060955
			●	M060966

QT-DE12

Efficiency 64% **300 W** 5000 lm



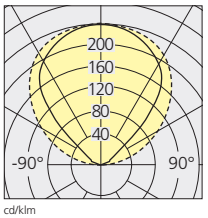
cd/klm
C0 - C180
C90 - C270

TC-LEL (2G11)

W	Weight	Flux	Color	Code
18 W	1,00 kg	1200 lm	○	M066355
			●	M066366

TC-LEL (2G11)

Efficiency 63% **18 W** 1200 lm



cd/klm
C0 - C180
C90 - C270

Surf wall

White ○ Grey ●

Surf wall 460

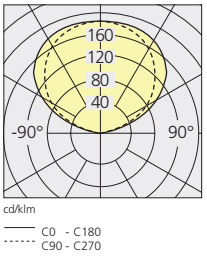
TC-LEL (2G11)

W	Weight	Flux	Color	Code
2x36 W	1,40 kg	5800 lm	○	M061520
			●	M061590

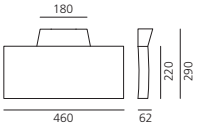
220/240Vac 50/60Hz electronic ballast included.

TC-LEL

Efficiency 56% **36 W** 5800 lm



IP20 960°

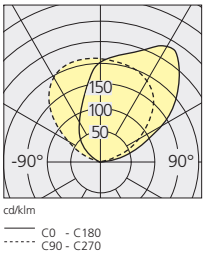


HIT-DE-CE-h45 (RX7s)

W	Weight	Flux	Color	Code
150 W	3,80 kg	11250 lm	○	M066220
			●	M066290

HIT-DE-CE-h45

Efficiency 61% **150 W** 11250 lm



Surf wall 600

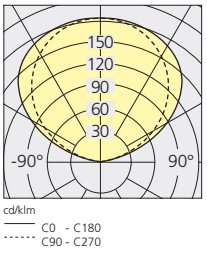
TC-LEL (2G11)

W	Weight	Flux	Color	Code
2x55 W	1,80 kg	4800 lm	○	M060720
			●	M060790

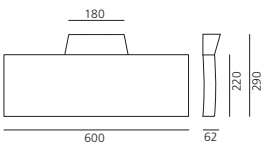
220/240Vac 50/60Hz electronic ballast included.

TC-LEL

Efficiency 53% **55 W** 4800 lm



IP20 960°



Kalifa terra

Ernesto Gismondi
2005

- A range of floor lamps with direct-indirect lighting using 55w and 80w TC-LEL fluorescent lamps.
- Optical unit and pole in extruded aluminium with a white or grey paint finish.
- Steel base.
- 3 versions: comfort, dark light and prismoptic.
- 4mm thick screen-printed tempered glass comfort diffuser: light distribution: 87% indirect and 13% direct.
- Aluminium dark light optic: light output ratio 62%. light distribution: 73% indirect and 27% direct.
- Polycarbonate prismoptic diffuser: light output ratio of up to 71%. light distribution: 76% indirect and 24% direct (kalifa floor prismoptic iii).
- 4 levels of electronic light management: electronic ballast with twin switch (50%/100%), dimming control with manual light intensity adjustment, simple motion sensor with automatic on/off switching based on presence and light level, and interactive-dali system combining a movement detector and a daylight sensor for auto-regulation in relation to people presence and variations in daylight.
- Polycarbonate dust-protection screen as an optional extra.
- Complies with standard EN60598-1 and other specific standards.

Kalifa terra comfort

White ○ Grey ●

TC-LEL (2G11)

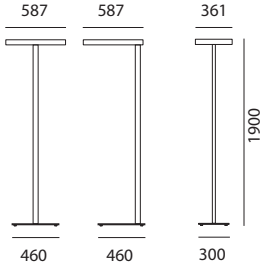
W	Weight	Stand	Flux	Color
4x55 W	15 kg	middle	19200 lm	○
				●
	15 kg	lateral	19200 lm	○
				●

Stand	Flux	Color
middle	19200 lm	○
		●
lateral	19200 lm	○
		●

Non dimmable	Dimmable
Code	Code
M168020	M168021
M168090	M168091
M167820	M167821
M167890	M167891

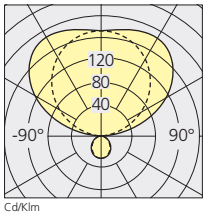
Interactive Dali	Presence detector
Code	Code
M168026	M168029
M168096	M168099
M167826	M167829
M167896	M167899

IP20



UGR<19
L<3000 cd/m² @65°

4x55 W /19200 lm Efficiency 68% **α=82°**



Cd/Klm

C0 - C180
C90 - C270

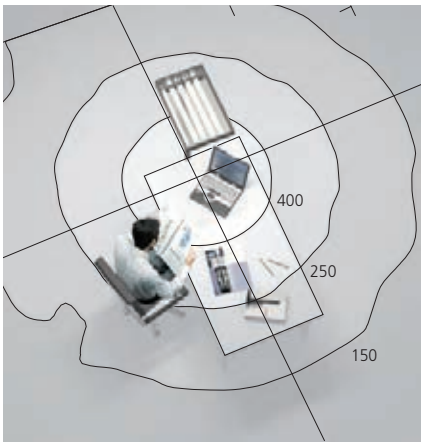
Components

		Code
	Polycarbonate dust-protection screen for Kalifa floor comfort and dark light	M168200
	Interactive-Dali remote control	M104900

Isolux

Calculation parameters to issue isolux diagrams:
Office with one work station.
Length x width x height 5,00x5,00x2,70m.
Reflectance factors ceiling/walls/floor: 70/50/20%.
Working plane 1,60x0,80x0,75m.
Maintenance factor 0,90WF.

Kalifa terra comfort
TC-LEL (2G11) 4x55W.
Em (desk) 372lux.



Kalifa terra controlled emission

White ○ Grey ●

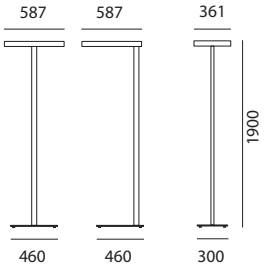
TC-LEL (2G11)

W	Weight	Stand	Flux	Color
4x55 W	15 kg	middle	19200 lm	○
				●
	15 kg	lateral	19200 lm	○
				●

Stand	Flux	Color
middle	19200 lm	○
		●
lateral	19200 lm	○
		●

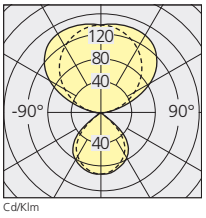
Non dimmable	Dimmerabile	Interactive Dali	Presence detector
Code	Code	Code	Code
M168520	M168521	M168526	M168529
M168590	M168591	M168596	M168599
M168620	M168621	M168626	M168629
M168690	M168691	M168696	M168699

IP20



UGR<19
L<3000 cd/m² @65°

4x55 W /19200 lm Efficiency 62% **α=94°**



Cd/Klm

C0 - C180
C90 - C270

H m	Ø m	EMax lux	EM lux
1	2,16	1807	285
2	4,32	452	71
3	6,48	201	32
4	8,64	113	18
5	10,80	72	11

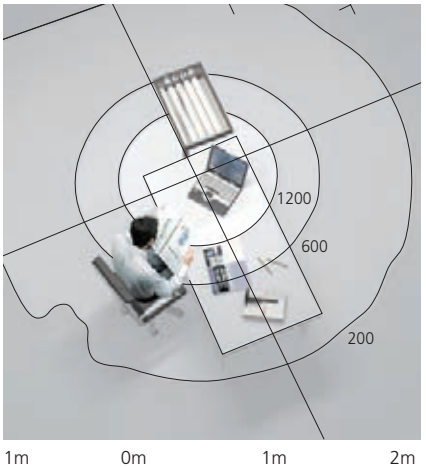
Components

		Code
	Polycarbonate dust-protection screen for Kalifa floor comfort and dark light	M168200
	Interactive-Dali remote control	M104900

Isolux

Calculation parameters to issue isolux diagrams:
Office with one work station.
Length x width x height 5,00x5,00x2,70m.
Reflectance factors ceiling/walls/floor: 70/50/20%.
Working plane 1,60x0,80x0,75m.
Maintenance factor 0,90WF.

Kalifa terra controlled emission
TC-LEL (2G11) 4x55W.
Em (desk) 927lux.



CB Richard Ellis, Frankfurt Main (Germany)
Photo: Fabian Aurel Hid

Kalifa terra prismoptic I

White ○ Grey ●

TC-LEL (2G11)

W	Weight	Stand	Flux	Color
4x55 W	14 kg	lateral	19200 lm	○ ●

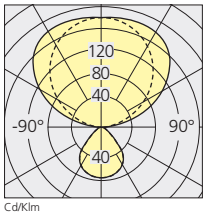
Non dimmable	Dimmable
Code	Code
M168420	M168421
M168490	M168491

Interactive Dali		Presence detector	
Color	Code	Code	
○	M168426	M168429	
●	M168496	M168499	

UGR<19
L<3000 cd/m² @65°

IP20

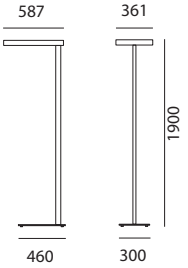
4x55 W /19200 lm Efficiency 70% **α=86°**



Cd/Klm

C0 - C180
C90 - C270

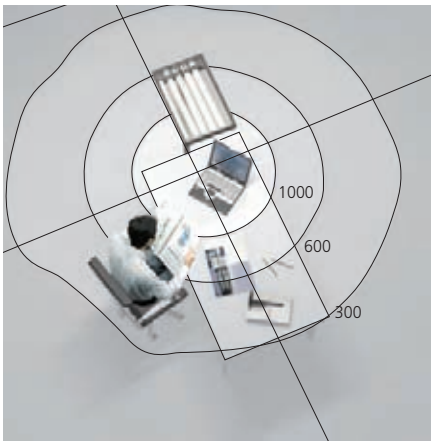
H m	Ø m	EMax lux	EM lux
1	1,88	1444	281
2	3,76	361	70
3	5,63	160	31
4	7,51	90	18
5	9,39	58	11



Components

	Code
Interactive-Dali remote control	M104900

Kalifa terra prismoptic I
TC-LEL (2G11) 4x55W.
Em (desk) 854 lux.



Isolux

Calculation parameters to issue isolux diagrams:
Office with one work station.
Length x width x height 5,00x5,00x2,70m.
Reflectance factors ceiling/walls/floor: 70/50/20%.
Working plane 1,60x0,80x0,75m.
Maintenance factor 0,90WF.

Kalifa terra prismoptic II

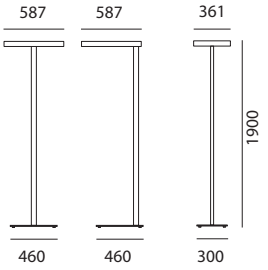
White ○ Grey ●

TC-LEL (2G11)

W	Weight	Stand	Flux	Color	Non dimmable Code	Dimmable Code
4x55 W	14 kg	middle	19200 lm	○	M168720	M168721
				●	M168790	M168791
	14 kg	lateral	19200 lm	○	M168820	M168821
				●	M168890	M168891

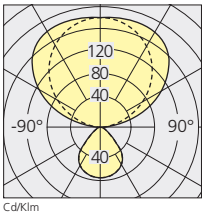
Stand	Flux	Color	Interactive Dali Code	Presence detector Code
middle	19200 lm	○	M168726	M168729
		●	M168796	M168799
lateral	19200 lm	○	M168826	M168829
		●	M168896	M168899

IP20 ⏚



UGR<19
L<3000 cd/m² @65°

4x55 W /19200 lm Efficiency 72% **α=104°**



Cd/Klm

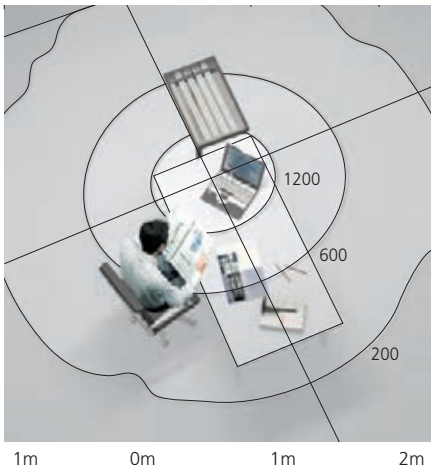
C0 - C180
C90 - C270

H m	Ø m	EMax lux	EM lux
1	2,55	1496	176
2	5,10	374	44
3	7,65	166	20
4	10,20	93	11
5	12,75	60	7

Components

Interactive-Dali remote control — Code M104900

Kalifa terra prismoptic II
TC-LEL (2G11) 4x55W.
Em (desk) 933lux.



Isolux

Calculation parameters to issue isolux diagrams:
Office with one work station.
Length x width x height 5,00x5,00x2,70m.
Reflectance factors ceiling/walls/floor: 70/50/20%.
Working plane 1,60x0,80x0,75m.
Maintenance factor 0,90WF.

Kalifa terra prismoptic III

White ○ Grey ●

TC-LEL (2G11)

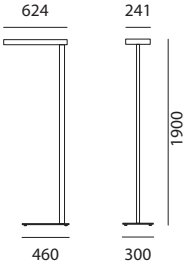
W	Weight	Stand	Flux	Color
2x80 W	13,5 kg	lateral	6000 lm	○ ●

Non dimmable	Dimmable
Code	Code
M168920	M168921
M168990	M168991

Interactive Dali

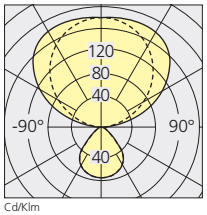
Color	Code
○	M168926
●	M168996

IP20 ⏚ 960°



UGR<19
L<3000 cd/m² @65°

2x80 W /6000 lm Efficiency 70% **α=104°**



Cd/Klm

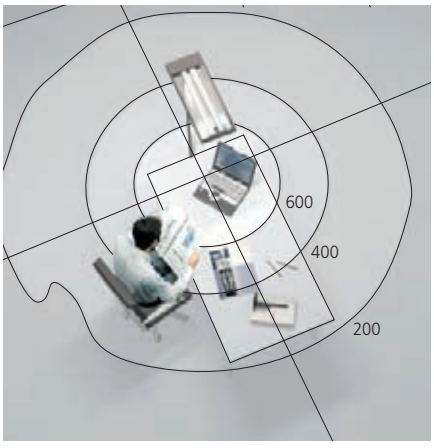
C0 - C180
C90 - C270

H m	Ø m	EMax lux	EM lux
1	2,55	836	99
2	5,10	209	25
3	7,65	93	11
4	10,20	52	6
5	12,75	33	4

Components

	Code
Interactive-Dali remote control	M104900

Kalifa terra prismoptic III
TC-LEL (2G11) 2x80W.
Em (desk) 542lux.



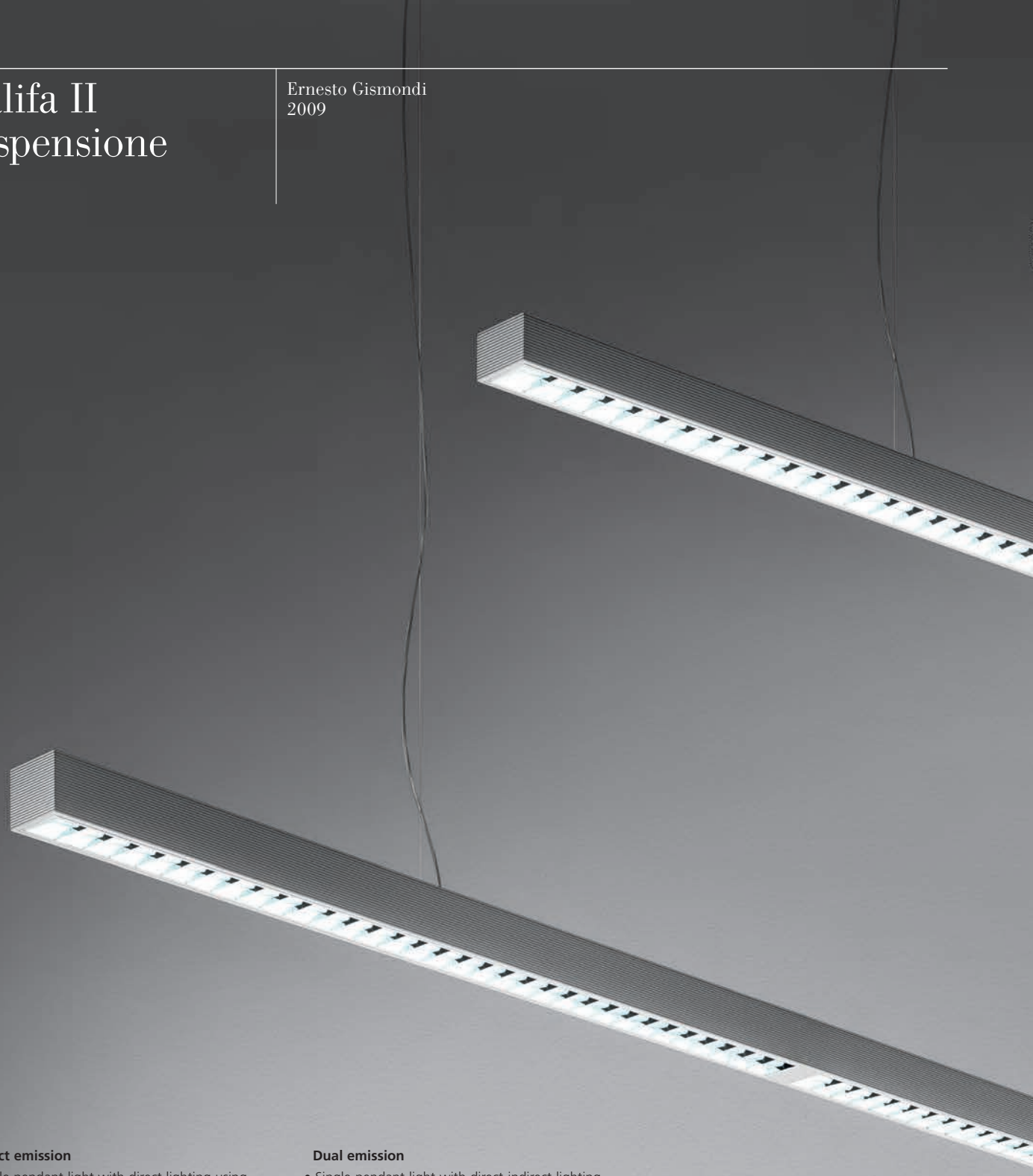
Isolux

Calculation parameters to issue isolux diagrams:
Office with one work station.
Length x width x height 5,00x5,00x2,70m.
Reflectance factors ceiling/walls/floor: 70/50/20%.
Working plane 1,60x0,80x0,75m.
Maintenance factor 0,90WF.

CB Richard Ellis, Frankfurt Main (Germany)
Photo: Fabian Aurel Hild

Kalifa II sospensione

Ernesto Gismondi
2009



Direct emission

- Single pendant light with direct lighting using 28 W and 54 W T16 fluorescent light source.
- Extruded aluminium body with a white or grey paint finish, available in lengths of 1188mm (1xT16) and 2400mm (2xT16).
- Super pure aluminium dark light optics.
- Light output ratio: 82%.
- Dark light emission is in compliance with EN12464-1 standard, with average luminance levels lower than the 1000cd/m² limit for an observation angle of 65° or above with respect to the vertical axis.
- Electronic control gear, or Dali-SwitchDim dimmable electronic control gear. Emergency lighting on request.
- Quick adjustment steel suspension cables.
- Complies with standard EN60598-1 and other specific standards.

Dual emission

- Single pendant light with direct-indirect lighting using 28 W and 54 W T16 fluorescent light source.
- Extruded aluminium body with a white or grey paint finish, available in lengths of 1640mm and 2900mm.
- Super pure aluminium dark light optics.
- Light output ratio: 92%. light distribution: 30% indirect and 70% direct.
- Dark light emission is in compliance with EN12464-1 standard, with average luminance levels lower than the 1000cd/m² limit for an observation angle of 65° or above with respect to the vertical axis.
- Electronic control gear, or Dali-SwitchDim dimmable electronic control gear. Emergency lighting on request.
- Quick adjustment steel suspension cables.
- Complies with standard EN60598-1 and other specific standards.

Kalifa II sospensione direct emission

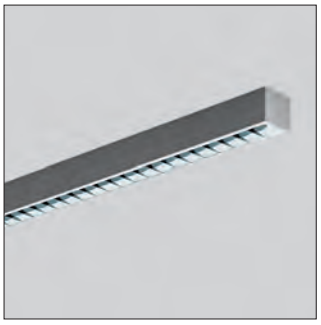
White ○ Grey ●

Kalifa II - 1200

T16 (G5)

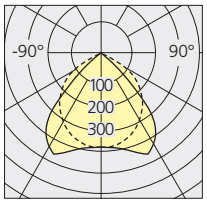
W	Flux	Length	Weight	Color	Non dimmable Code	Dali-SwitchDim Code
1x28 W	2600 lm	1200 mm	5,10 kg	○	M166720	M166721
				●	M166790	M166791
1x54 W	4450 lm	1200 mm	5,10 kg	○	M166920	M166921
				●	M166990	M166991

220/240Vac 50/60Hz electronic ballast included.



UGR<19
L<3000 cd/m² @65°

1x28 W /2600 lm — Efficiency 82% — α=86°

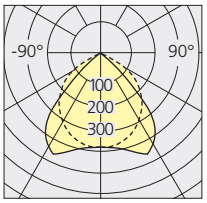


Cd/Klm

C0 - C180
C90 - C270

H m	Ø m	EMax lux	EM lux
1	1,86	967	226
2	3,72	242	57
3	5,58	107	25
4	7,43	60	14
5	9,29	39	9

1x54 W/4450 lm — Efficiency 82% — α=86°

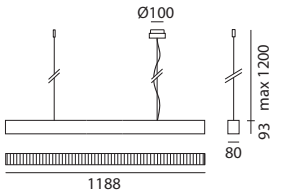


Cd/Klm

C0 - C180
C90 - C270

H m	Ø m	EMax lux	EM lux
1	1,86	1655	387
2	3,72	414	97
3	5,58	184	43
4	7,43	103	24
5	9,29	66	15

IP20 ⏚ 960°



Kalifa II - 2400

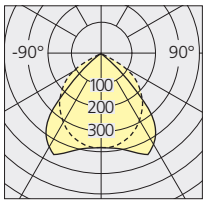
T16 (G5)

W	Flux	Length	Weight	Color	Non dimmable Code	Dali-SwitchDim Code
2x28 W	5200 lm	2400 mm	8,90 kg	○	M166820	M167021
				●	M166890	M167091
2x54 W	8900 lm	2400 mm	8,90 kg	○	M167020	M167021
				●	M167090	M167091

220/240Vac 50/60Hz electronic ballast included.

UGR<19
L<3000 cd/m² @65°

2x54 W/8900 lm — Efficiency 82% — α=86°

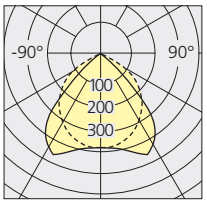


Cd/Klm

C0 - C180
C90 - C270

H m	Ø m	EMax lux	EM lux
1	1,86	3310	774
2	3,72	827	194
3	5,58	368	86
4	7,43	207	48
5	9,29	132	31

2x28 W/5200 lm — Efficiency 82% — α=86°

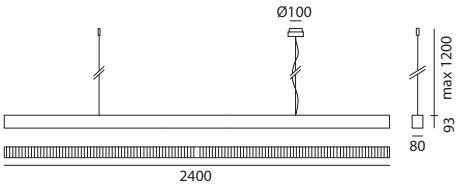


Cd/Klm

C0 - C180
C90 - C270

H m	Ø m	EMax lux	EM lux
1	1,86	1934	452
2	3,72	483	113
3	5,58	215	50
4	7,43	121	28
5	9,29	77	18

IP20 ⏚ 960°



Kalifa II sospensione dual emission

White ○ Grey ●

Kalifa II - 1640

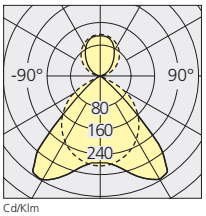
T16 (G5)

W	Flux	Length	Weight	Color	Non dimmable Code	Dali-SwitchDim Code
2x24 W	3500 lm	1640 mm	4,80 kg	○	M167120	M167121
				●	M167190	M167191
2x14 W	2400 lm	1640 mm	4,80 kg	○		M167121
				●		M167191

220/240Vac 50/60Hz electronic ballast included.

UGR<19
L<3000 cd/m² @65°

2x24 W/3500 lm — Efficiency 92% — α=86°

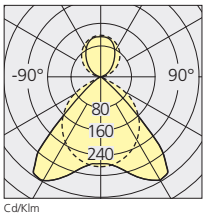


Cd/Klm

C0 - C180
C90 - C270

H m	Ø m	EMax lux	EM lux
1	1,88	928	248
2	3,76	232	62
3	5,63	103	28
4	7,51	58	16
5	9,39	37	10

2x14 W/2400 lm — Efficiency 92% — α=86°

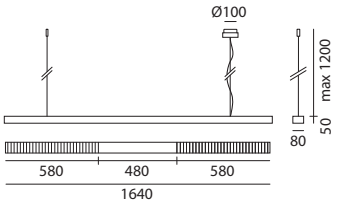


Cd/Klm

C0 - C180
C90 - C270

H m	Ø m	EMax lux	EM lux
1	1,88	635	170
2	3,76	159	43
3	5,63	71	19
4	7,51	40	11
5	9,39	25	7

IP20 ⏚ 960°



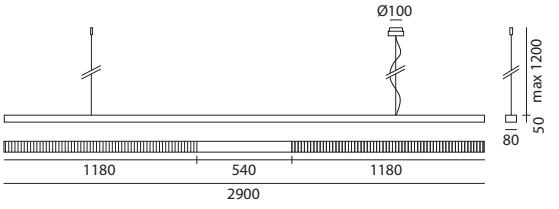
Kalifa II - 2900

T16 (G5)

W	Flux	Length	Weight	Color	Non dimmable Code	Dali-SwitchDim Code
2x54 W	8900 lm	2900 mm	8,40 kg	○	M167220	M167221
				●	M167290	M167291
2x28 W	5200 lm	2900 mm	8,40 kg	○		M167221
				●		M167291

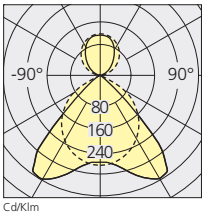
220/240Vac 50/60Hz electronic ballast included.

IP20 ⏚ 960°



UGR<19
L<3000 cd/m² @65°

2x54 W/8900 lm — Efficiency 92% — α=86°

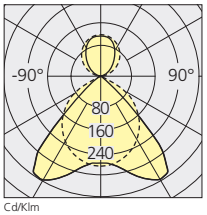


Cd/Klm

C0 - C180
C90 - C270

H m	Ø m	EMax lux	EM lux
1	1,88	2359	632
2	3,76	590	158
3	5,63	262	70
4	7,51	147	39
5	9,39	94	25

2x28 W/5200 lm — Efficiency 92% — α=86°



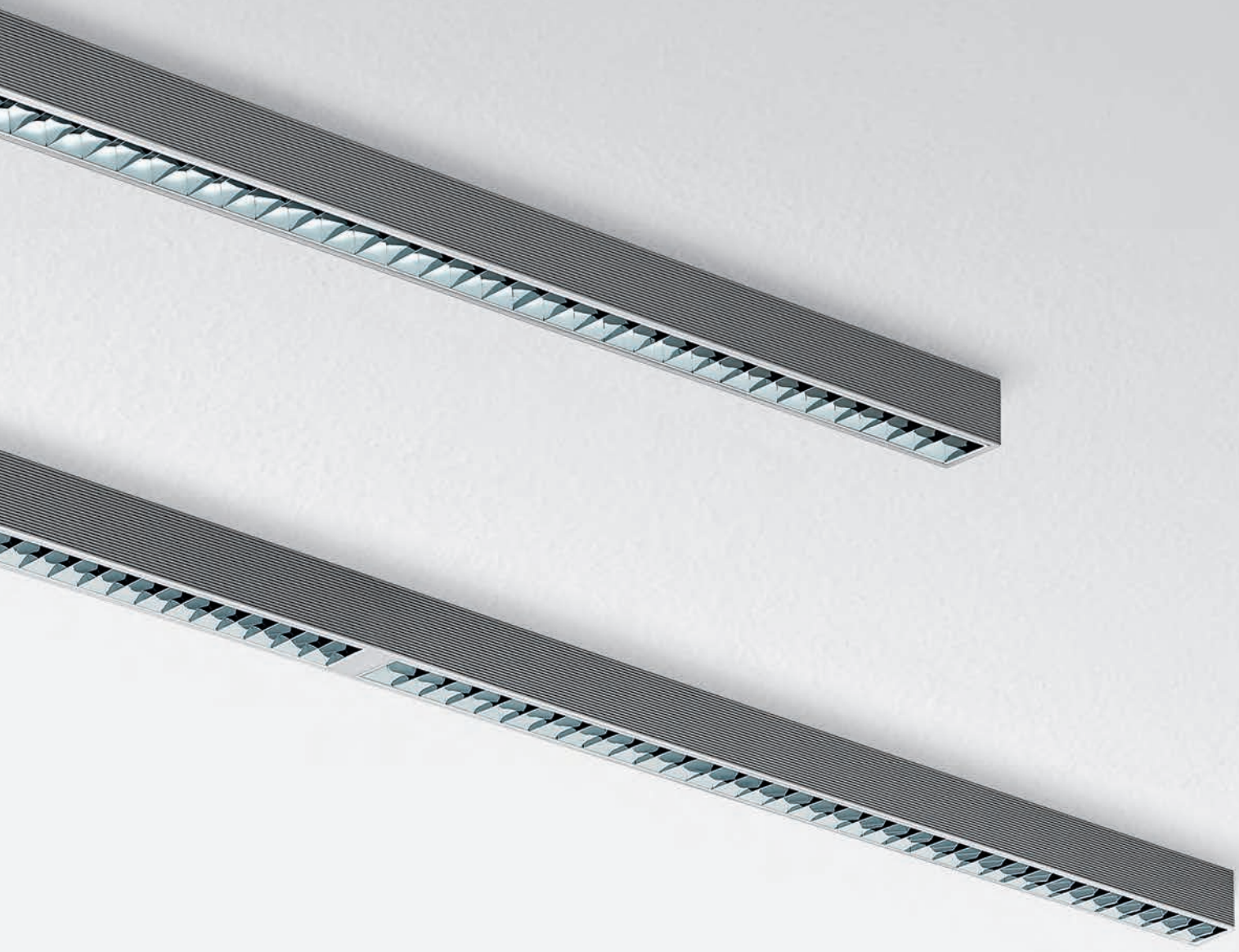
Cd/Klm

C0 - C180
C90 - C270

H m	Ø m	EMax lux	EM lux
1	1,86	1934	452
2	3,72	483	113
3	5,58	215	50
4	7,43	121	28
5	9,29	77	18

Kalifa II soffitto

Ernesto Gismondi
2009



- Single ceiling light using 28 W and 54 W T16 fluorescent light source.
- Extruded aluminium body with a white or grey paint finish, available in lengths of 1188mm (1xT16) and 2400mm (2xT16).
- Super pure aluminium dark light optics.
- Light output ratio: 82%.
- Dark light emission is in compliance with EN12464-1 standard, with average luminance levels lower than the 1000cd/m² limit for an observation angle of 65° or above with respect to the vertical axis.
- Electronic control gear, or Dali-switchDim dimmable electronic control gear. Emergency lighting on request.
- Complies with standard EN60598-1 and other specific standards.

Kalifa II soffitto

White ○ Grey ●

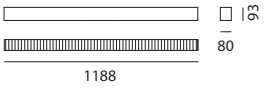
Kalifa II -1200

T16 (G5)

W	Flux	Length	Weight	Color	Non dimmable Code	Dali-SwitchDim Code
1x28 W	2600 lm	1200 mm	5,10 kg	○	M181320	M181321
				●	M181390	M181391
1x54 W	4450 lm	1200 mm	5,10 kg	○	M181520	M181521
				●	M181590	M181591

220/240Vac 50/60Hz electronic ballast included.

IP20 ⏚ 960°



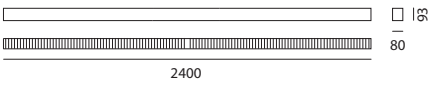
Kalifa II - 2400

T16 (G5)

W	Flux	Length	Weight	Color	Non dimmable Code	Dali-SwitchDim Code
2x54 W	8900 lm	2400 mm	8,90 kg	○	M181420	M181621
				●	M181490	M181691
2x28 W	5200 lm	2400 mm	8,90 kg	○	M181620	M181621
				●	M181690	M181691

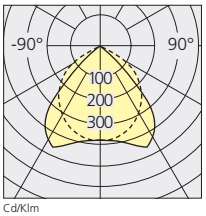
220/240Vac 50/60Hz electronic ballast included.

IP20 ⏚ 960°



UGR<19
L<3000 cd/m² @65°

2x28 W/5200 lm — Efficiency 82% — α=86°

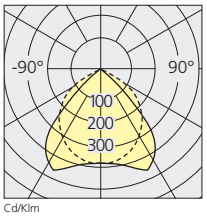


Cd/Klm

C0 - C180
C90 - C270

H m	Ø m	EMax lux	EM lux
1	**1,86**	1934	452
2	**3,72**	483	113
3	**5,58**	215	50
4	**7,43**	121	28
5	**9,29**	77	18

2x54 W/8900 lm — Efficiency 82% — α=86°



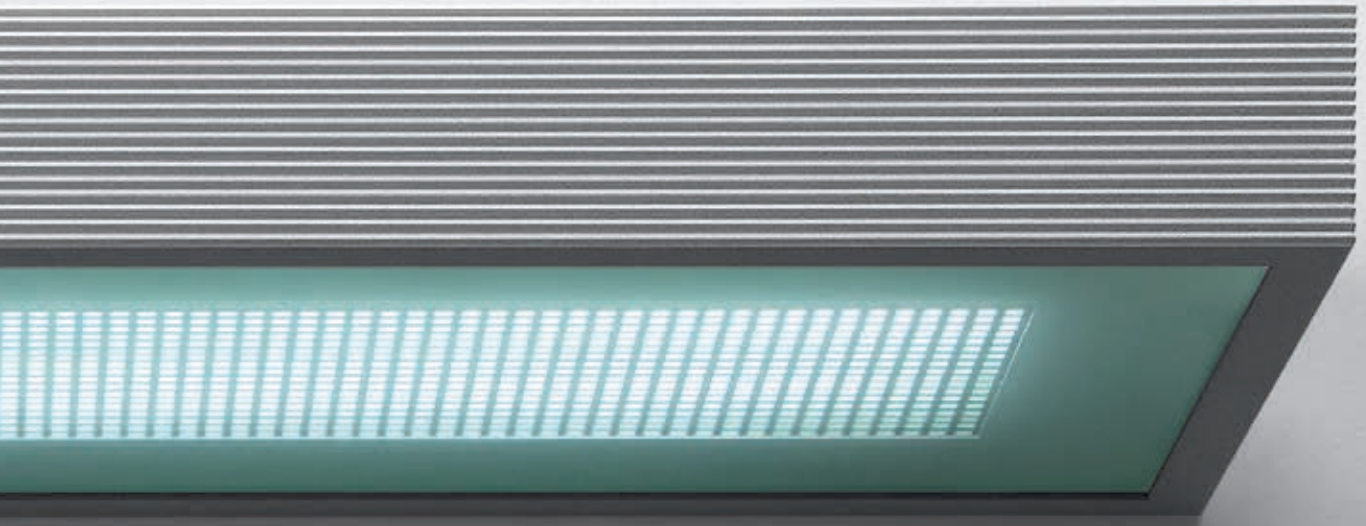
Cd/Klm

C0 - C180
C90 - C270

H m	Ø m	EMax lux	EM lux
1	**1,86**	3310	774
2	**3,72**	827	194
3	**5,58**	368	86
4	**7,43**	207	48
5	**9,29**	132	31

Kalifa parete

Ernesto Gismondi
2005



- A range of wall lamps with direct-indirect lighting using 1x24 W and 1x80 W T16, and 2x55w TC-LEL fluorescent lamps.
- Extruded aluminium body with white or grey paint finish, and 4mm thick screen-printed tempered glass.
- 3 size options: 100x587mm, 100x1487mm and 211x587mm.
- Light distribution: 82% indirect and 18% direct (TC-LEL version), 86% indirect and 14% direct (T16).
- Electronic control gear.
- Optional emergency lighting.
- Polycarbonate dust-protection screen.
- Complies with standard EN60598-1 and other specific standards.

Kalifa parete

White ○ Grey ●

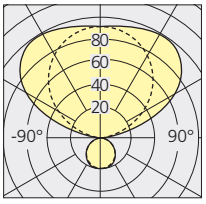
TC-LEL (2G11)

W	Weight	Flux	Color	Non dimmable Code	+ emergency 1h Code
2x55 W	3,20 kg	9600 lm	○	M024320	M024327
			●	M024390	M024397

220/240Vac 50/60Hz electronic ballast included.

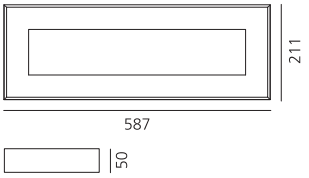
TC-LEL

Efficiency 38% **2x55 W** 9600 lm



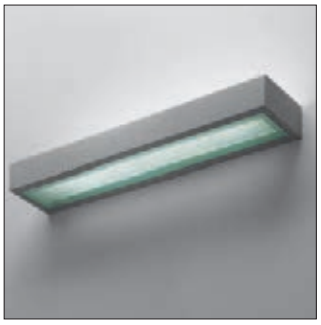
cd/klm

IP20 ⏚ 850°



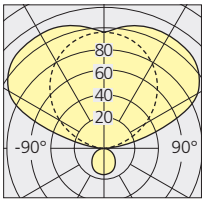
T16 (G5)

W	Length	Weight	Flux	Color	Non dimmable Code
24 W	587 mm	1,90 kg	1750 lm	○	M024120
				●	M024190
80 W	1487 mm	3,70 kg	6150 lm	○	M024220
				●	M024290



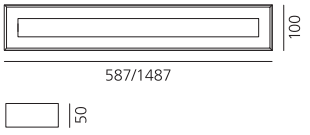
T16 (G5)

Efficiency 30% **24 W** 1750 lm
80 W 6150 lm



cd/klm

IP20 ⏚ 850°

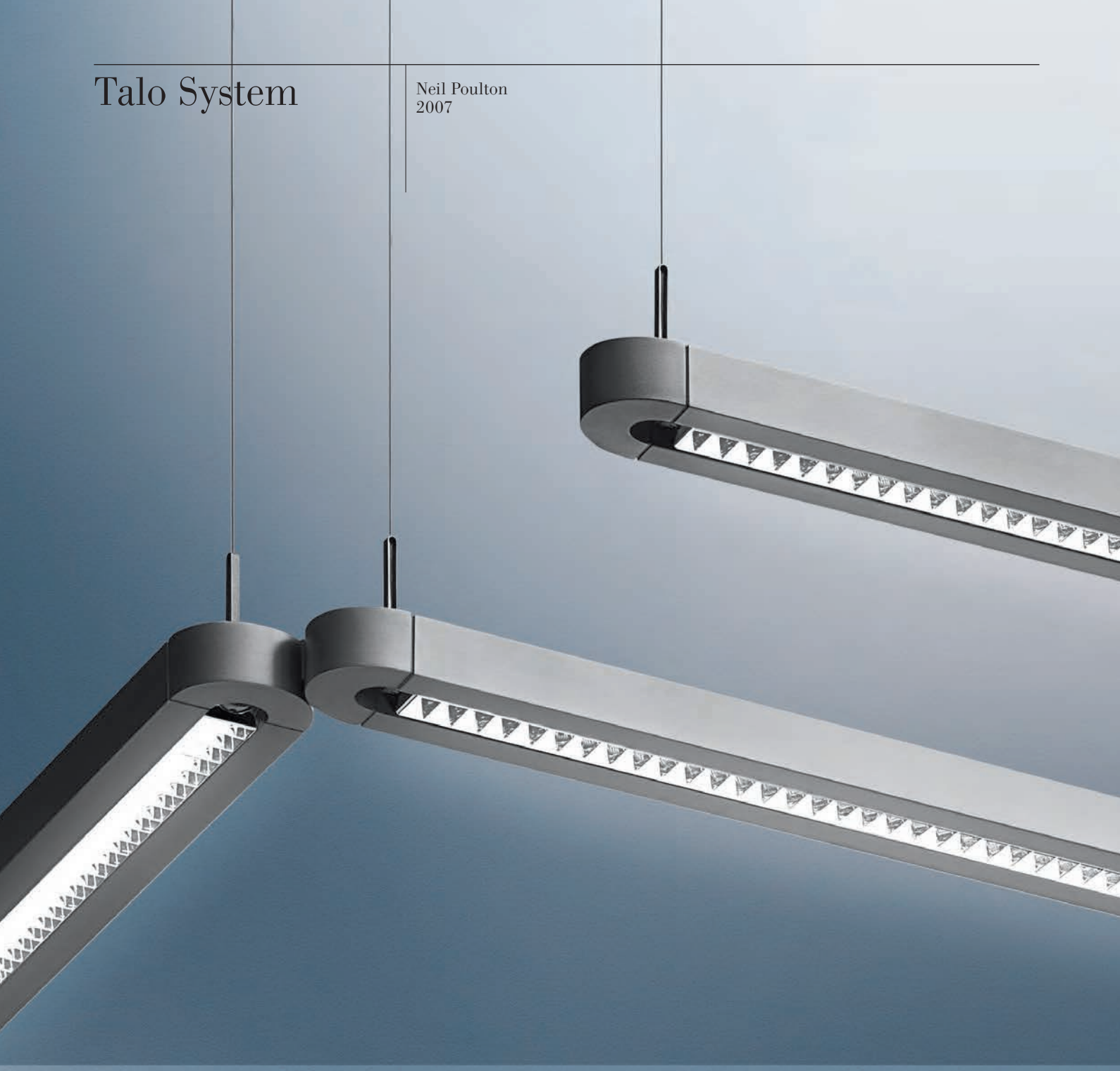


Innowatio spa, Kilometro Rosso Science & Technology Park, Bergamo (Italy),
Arch.: Giovanni Rizzi Architetto

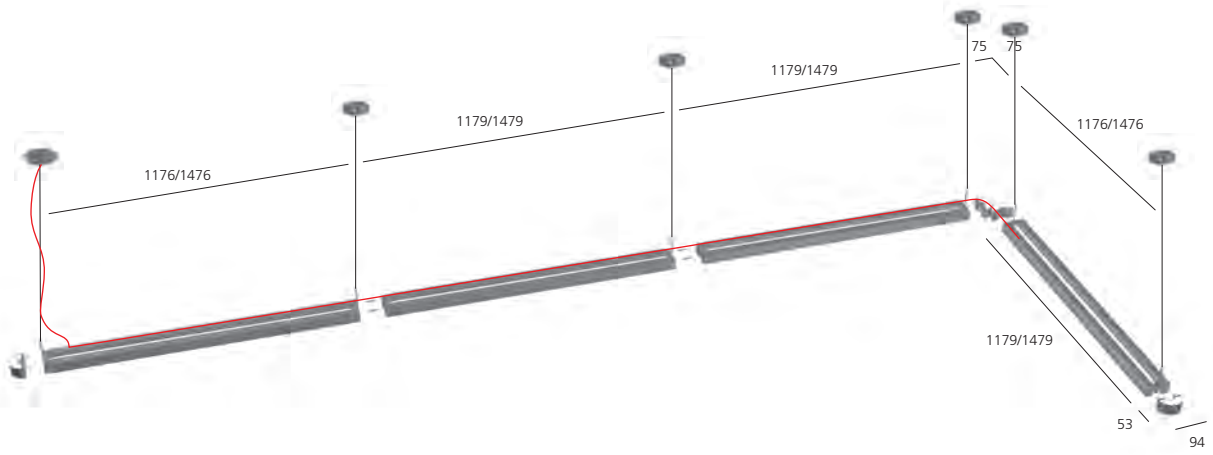
Innowatio spa, Kilometro Rosso Science & Technology Park, Bergamo (Italy).
Arch.: Giovanni Rizzi Architetto

Talo System

Neil Poulton
2007



Talo System



- Direct-indirect pendant system using 1x54 W, 1x80 W and 2x54 W T16 fluorescent lamps.
- Available as a single pendant light or as a modular system.
- Extruded aluminium body with a white or grey paint finish.
- End caps in die-cast aluminium.
- Dark light emission is in compliance with EN12464-1 standard, with average luminance levels lower than the 1000 cd/m² limit for an observation angle of 65° or above with respect to the vertical axis.
- Light output ratio: 62%.
- Light distribution: 50% indirect and 50% direct.
- Electronic ballast or dali-switchdim dimmable electronic ballast.
- The system comprises of power supply units with ceiling plate and power supply cable, and continuity modules.
- Intermodule mechanical connection by linear or 90° connectors.
- Electrical connection via quick connectors.
- Quick adjustment steel suspension cables.
- Complies with standard EN60598-1 and other specific standards.

Tecno Car Service, Milano (Italy)
Arch.: Paolo Mantero

Talo System suspension

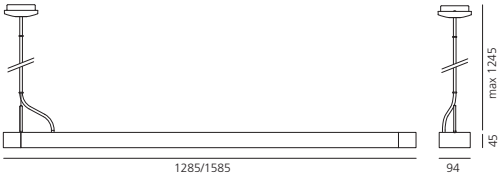
○ White ● Grey

Talo System 1200 - 1500
T16 (G5)

W	Length	Weight	Flux	Color	Non dimmable Code	Dali-SwitchDim Code
1x54 W	1258 mm	4,20 kg	4450 lm	○	M135810	M135811
				●	M135820	M135821
1x80 W	1585 mm	4,80 kg	6150 lm	○	M135910	M135911
				●	M135920	M135921

220/240Vac 50/60Hz electronic ballast included.

IP20 ⏚ 960°

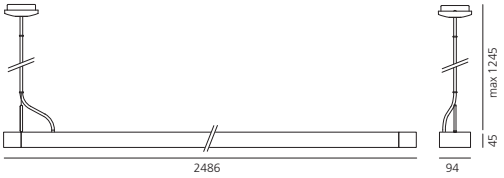


Talo System 2400
T16 (G5)

W	Length	Weight	Flux	Color	Non dimmable Code	Dali-SwitchDim Code
2x54 W	2486 mm	7,90 kg	8900 lm	○	M135310	M135311
				●	M135320	M135321
2x28 W	2486 mm	8,10 kg	5200 lm	○		M135311
				●		M135321

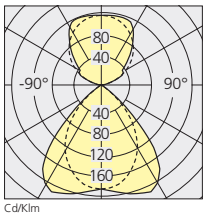
220/240Vac 50/60Hz electronic ballast included.

IP20 ⏚ 960°



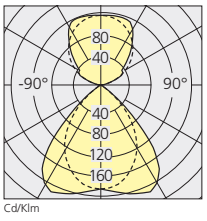
UGR<19
L<3000 cd/m² @65°

1x54 W /4450 lm — Efficiency 70% — **α=88°**



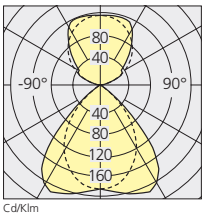
H m	Ø m	EMax lux	EM lux
1	1,95	781	162
2	3,90	195	41
3	5,86	87	18
4	7,81	49	10
5	9,76	31	6

1x80 W /6150 lm — Efficiency 70% — **α=86°**



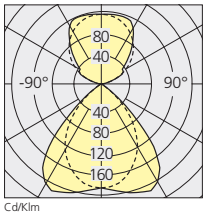
H m	Ø m	EMax lux	EM lux
1	1,89	1065	234
2	3,78	266	58
3	5,67	118	26
4	7,57	67	15
5	9,46	43	9

2x28W /5200 lm — Efficiency 70% — **α=88°**



H m	Ø m	EMax lux	EM lux
1	1,95	1562	324
2	3,90	390	81
3	5,86	174	36
4	7,81	98	20
5	9,76	62	13

2x54 W /8900 lm — Efficiency 70% — **α=88°**



H m	Ø m	EMax lux	EM lux
1	1,95	1562	324
2	3,90	390	81
3	5,86	174	36
4	7,81	98	20
5	9,76	62	13

○ White ● Grey

Talo System feeder module

T16 (G5)

W	Length	Weight	Flux	Color	Non dimmable Code	Dali-SwitchDim Code
1x54 W	1179 mm	4,00 kg	5200 lm	○	M135410	M135411
				●	M135420	M135421
1x80 W	1479 mm	4,60 kg	6150 lm	○	M135610	M135611
				●	M135620	M135621

220/240Vac 50/60Hz electronic ballast included.

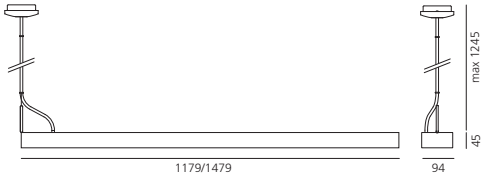
Talo System continuity module

T16 (G5)

W	Length	Weight	Flux	Color	Non dimmable Code	Dali-SwitchDim Code
1x54 W	1179 mm	4,00 kg	5200 lm	○	M135510	M135511
				●	M135520	M135521
1x80 W	1479 mm	4,60 kg	6150 lm	○	M135710	M135711
				●	M135720	M135721

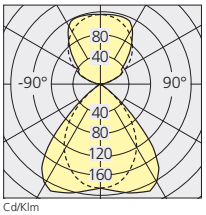
220/240Vac 50/60Hz electronic ballast included.

IP20 ⏚ 960°



UGR<19
L<3000 cd/m² @65°

1x54 W /4450 lm — Efficiency 70% — **α=88°**

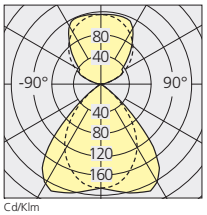


Cd/Klm

C0 - C180
C90 - C270

H m	Ø m	EMax lux	EM lux
1	1,95	781	162
2	3,90	195	41
3	5,86	87	18
4	7,81	49	10
5	9,76	31	6

1x80 W /6150 lm — Efficiency 70% — **α=86°**



Cd/Klm

C0 - C180
C90 - C270

H m	Ø m	EMax lux	EM lux
1	1,89	1065	234
2	3,78	266	58
3	5,67	118	26
4	7,57	67	15
5	9,46	43	9

Components

		Color	code
	End caps (set of 2). 53x94x45 mm	○	M136410
		●	M136420
	90° connector. 120x120x45 mm	○	M136510
		●	M136520
	Steel suspension cable Ceiling plate ⌀100 mm 1400 mm	○	M136610
		●	M136620

Nota Bene System

2007

- Pendant system with direct-indirect lighting using 28 W and 54 W T16 fluorescent lamps.
- Available as a single pendant light or as a modular system.
- Steel body with a white or grey paint finish, available in lengths of 1234mm and 2416mm.
- Dark light optic made from super pure aluminium.
- Dark light emission is in compliance with EN12464-1 standard, with average luminance levels lower than the 1000 cd/m² limit for an observation angle of 65° or above with respect to the vertical axis.
- Light output ratio: 91% (1xT16) and 87% (2xT16).
- Light distribution: 65% indirect and 35% direct (1xT16), 63% indirect and 37% direct (2xT16).
- Electronic ballast or Dali-SwitchDim dimmable electronic ballast.
- The system consists of power supply units with ceiling plate and power supply cable, and continuity modules.
- Intermodule mechanical connection by linear or 90° connectors.
- Electrical connection via quick connectors.
- Quick adjustment steel suspension cables.
- Complies with standard EN60598-1 and other specific standards.

Nota Bene suspension

White ○ Grey ●

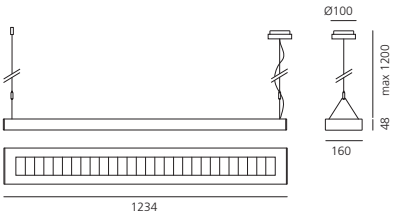
Nota Bene 1200 darklight

T16 (G5)

W	Length	Weight	Flux	Color	Non dimmable Code	Dali-SwitchDim Code
1x28 W	1234 mm	4,10 kg	2600 lm	○	M106620	
				●	M106690	
2x28 W	1234 mm	4,20 kg	5200 lm	○	M106720	M107121
				●	M106790	M107191
1x54 W	1234 mm	4,10 kg	4450 lm	○	M107020	
				●	M107090	
2x54 W	1234 mm	4,20 kg	8900 lm	○	M107120	M107121
				●	M107190	M107191

220/240Vac 50/60Hz electronic ballast included.

IP20 850°



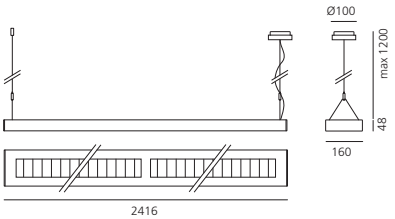
Nota Bene 2400 darklight

T16 (G5)

W	Length	Weight	Flux	Color	Non dimmable Code	Dali-SwitchDim Code
2x28 W	2416 mm	7,90 kg	5200 lm	○	M106820	
				●	M106890	
4x28 W	2416 mm	8,10 kg	10400 lm	○	M106920	M107321
				●	M106990	M107391
2x54 W	2416 mm	7,90 kg	8900 lm	○	M107220	
				●	M107290	
4x54 W	2416 mm	8,10 kg	17800 lm	○	M107320	M107321
				●	M107390	M107391

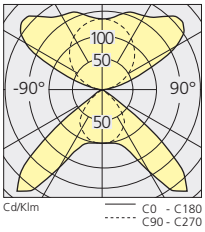
220/240Vac 50/60Hz electronic ballast included.

IP20 850°



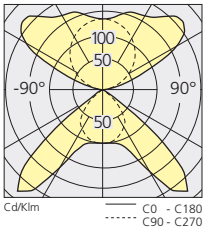
UGR<19
L<3000 cd/m² @65°

28W/2600lm Efficiency 91% **α=100°**



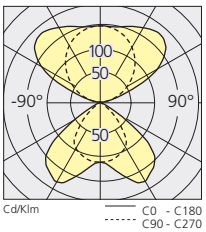
H m	Ø m	EMax lux	EM lux
1	2,41	264	86
2	4,82	66	21
3	7,23	29	10
4	9,64	16	5
5	12,05	11	3

54W/4450lm Efficiency 91% **α=100°**



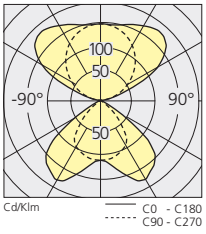
H m	Ø m	EMax lux	EM lux
1	2,41	252	146
2	4,82	113	37
3	7,23	50	16
4	9,64	28	9
5	12,05	18	6

2x28W/5200lm Efficiency 87% **α=106°**



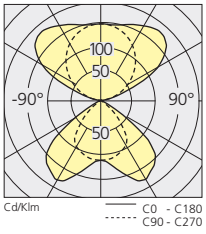
H m	Ø m	EMax lux	EM lux
1	2,64	588	98
2	5,29	147	25
3	7,93	65	11
4	10,58	37	6
5	13,22	24	4

2x54W/8900lm Efficiency 87% **α=106°**



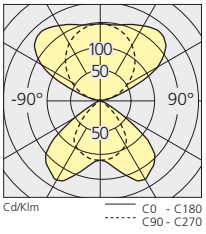
H m	Ø m	EMax lux	EM lux
1	2,64	1007	168
2	5,29	252	42
3	7,93	112	19
4	10,58	63	11
5	13,22	40	7

4x28W/10400lm Efficiency 87% **α=106°**



H m	Ø m	EMax lux	EM lux
1	2,64	1176	197
2	5,29	294	49
3	7,93	131	22
4	10,58	74	12
5	13,22	47	8

4x54W/17800lm Efficiency 87% **α=106°**



H m	Ø m	EMax lux	EM lux
1	2,64	2013	337
2	5,29	503	84
3	7,93	224	37
4	10,58	126	21
5	13,22	81	13

Nota Bene System

White ○ Grey ●

Power modules dark light

T16 (G5)					Non dimmable	Dali-SwitchDim	+ emergency 1h
W	Length	Weight	Flux	Color	Code	Code	Code
1x28 W	1234 mm	3,90 kg	2600 lm	○	M108420		
				●	M108490		
2x28 W	1234 mm	4,00 kg	5200 lm	○	M108520	M107621	
				●	M108590	M107691	
1x54 W	1234 mm	3,90 kg	4450 lm	○	M107520		
				●	M107590		
2x54 W	1234 mm	4,00 kg	8900 lm	○	M107620	M107621	M107627
				●	M107690	M107691	M107697

220/240Vac 50/60Hz electronic ballast included.

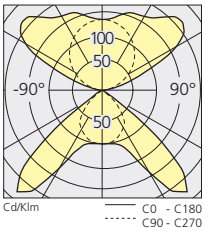
Continuity modules dark light

T16 (G5)					Non dimmable	Dali-SwitchDim	+ emergency 1h
W	Length	Weight	Flux	Color	Code	Code	Code
1x28 W	1234 mm	3,70 kg	2600 lm	○	M108620		
				●	M108690		
2x28 W	1234 mm	3,80 kg	5200 lm	○	M108720	M107821	
				●	M108790	M107891	
1x54 W	1234 mm	3,70 kg	4450 lm	○	M107720		
				●	M107790		
2x54 W	1234 mm	3,80 kg	8900 lm	○	M107820	M107821	M107827
				●	M107890	M107891	M107897

220/240Vac 50/60Hz electronic ballast included.

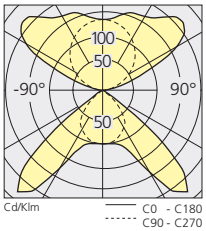
UGR<19
L<3000 cd/m² @65°

28W/2600lm — Efficiency 91% — **α=100°**



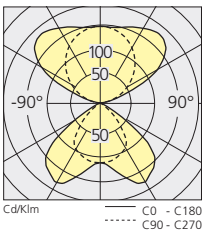
H m	Ø m	EMax lux	EM lux
1	2,41	264	86
2	4,82	66	21
3	7,23	29	10
4	9,64	16	5
5	12,05	11	3

54W/4450lm — Efficiency 91% — **α=100°**



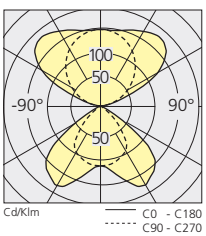
H m	Ø m	EMax lux	EM lux
1	2,41	252	146
2	4,82	113	37
3	7,23	50	16
4	9,64	28	9
5	12,05	18	6

2x28W/5200lm — Efficiency 87% — **α=106°**



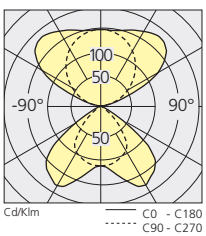
H m	Ø m	EMax lux	EM lux
1	2,64	588	98
2	5,29	147	25
3	7,93	65	11
4	10,58	37	6
5	13,22	24	4

2x54W/8900lm — Efficiency 87% — **α=106°**



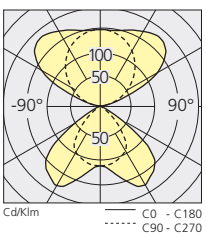
H m	Ø m	EMax lux	EM lux
1	2,64	1007	168
2	5,29	252	42
3	7,93	112	19
4	10,58	63	11
5	13,22	40	7

4x28W/10400lm — Efficiency 87% — **α=106°**

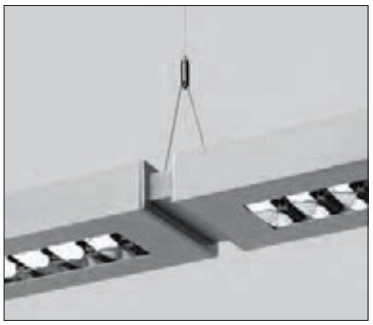


H m	Ø m	EMax lux	EM lux
1	2,64	1176	197
2	5,29	294	49
3	7,93	131	22
4	10,58	74	12
5	13,22	47	8

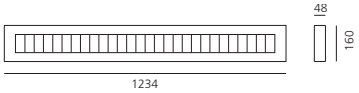
4x54W/17800lm — Efficiency 87% — **α=106°**

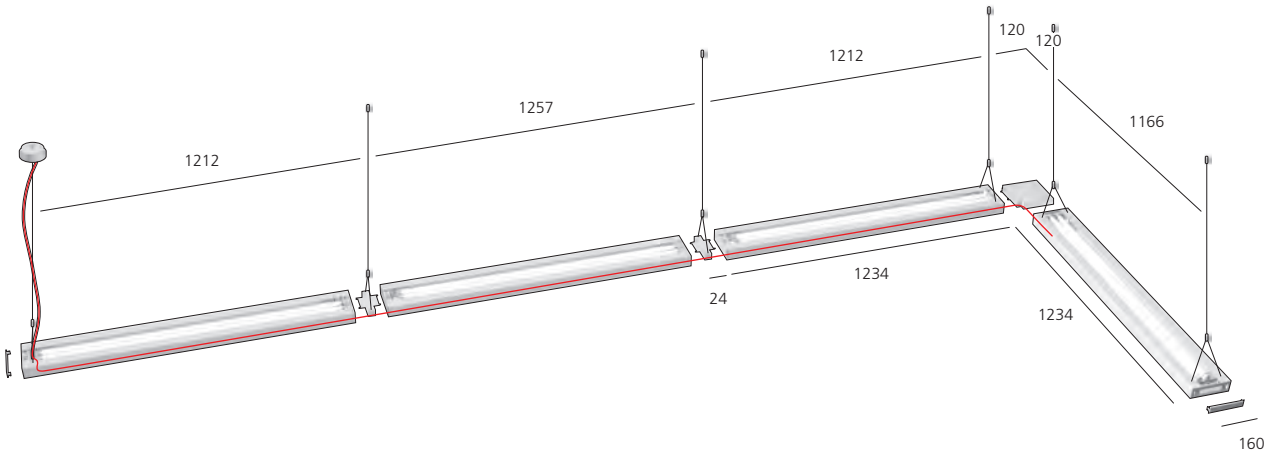


H m	Ø m	EMax lux	EM lux
1	2,64	2013	337
2	5,29	503	84
3	7,93	224	37
4	10,58	126	21
5	13,22	81	13



IP20 850°





Components

		Color	code
	Decorative end cover (set of 2) 200x50x3mm	●	M108020
	L-shaped connector 160x160x27mm	○ ●	M108220 M108290
	Linear connector 23x139x27mm	○ ●	M108120 M108190
	Steel suspension cable Ceiling plate ⌀100mm l. 1200mm		M108320

Nota Bene ceiling

2007

- Single ceiling lights using 1x54 W or 2x54 W T16 fluorescent light source.
- Two lighting options: dark light and wall washer.
- Steel body with a white or grey paint finish.
- Electronic control gear, with or without dimming (Dali-SwitchDim).
- Lamps can be maintained without removing the luminaire.
- Complies with standard EN60598-1 and other specific standards.

Nota Bene ceiling dark light

- Super pure aluminum dark light optics.
- Dark light emission is in compliance with EN12464-1 standard, with average luminance levels lower than the 1000cd/m² limit for an observation angle of 65° or above with respect to the vertical axis.
- Light output ratio 71%.
- Emergency lighting as an optional extra.

Nota Bene ceiling wall washer

- Asymmetric aluminum reflector.

Nota Bene ceiling

White ○ Grey ●

Nota Bene 1200 darklight

T16 (G5)

W	Length	Weight	Flux	Color
1x54 W	1234 mm	4,20 kg	4450 lm	○
				●

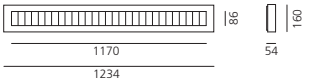
Non dimmable	Dali-SwitchDim
Code	Code
M109020	M109021
M109090	M109091

+ emergency 1h

Color	Code
○	M109027
●	M109097

220/240Vac 50/60Hz electronic ballast included.

IP20 ⏚ 850°



Nota Bene 2400 darklight

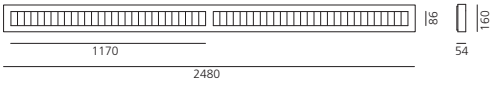
T16 (G5)

W	Length	Weight	Flux	Color
2x54 W	2480 mm	7,90 kg	8900 lm	○
				●
2x28 W	2480 mm	8,10 kg	5200 lm	○
				●

Non dimmable	Dali-SwitchDim
Code	Code
M109120	M109121
M109190	M109191
	M109121
	M109191

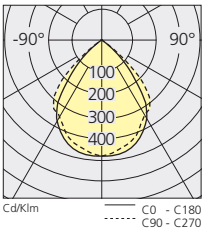
220/240Vac 50/60Hz electronic ballast included.

IP20 ⏚ 850°



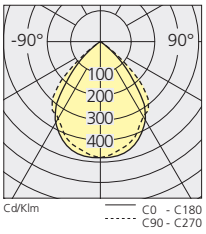
UGR<19
L<3000 cd/m² @65°

54W/4450lm Efficiency 72% **α=88°**



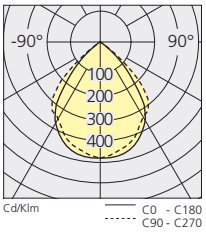
H m	Ø m	EMax lux	EM lux
1	**1,93**	2095	392
2	**3,86**	524	98
3	**5,79**	233	44
4	**7,73**	131	24
5	**9,66**	84	16

2x28W/5200lm Efficiency 72% **α=88°**



H m	Ø m	EMax lux	EM lux
1	**1,93**	4190	784
2	**3,86**	1048	196
3	**5,79**	466	87
4	**7,73**	262	49
5	**9,66**	168	31

2x54W/4450lm Efficiency 72% **α=88°**



H m	Ø m	EMax lux	EM lux
1	**1,93**	4190	784
2	**3,86**	1048	196
3	**5,79**	466	87
4	**7,73**	262	49
5	**9,66**	168	31

White ○ Grey ●

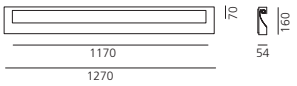
Nota Bene 1200 Wall Washer

T16 (G5)

W	Length	Weight	Flux	Color	Non dimmable Code	Dali-SwitchDim Code
1x54 W	1234 mm	4,20 kg	4450 lm	○	M109220	M109221
				●	M109290	M109291

220/240Vac 50/60Hz electronic ballast included.

IP20 850°



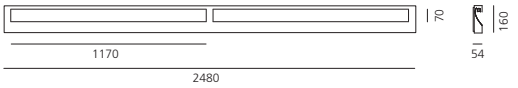
Nota Bene 2400 Wall Washer

T16 (G5)

W	Length	Weight	Flux	Color	Non dimmable Code	Dali-SwitchDim Code
2x54 W	2480 mm	7,90 kg	8900 lm	○	M109320	M109321
				●	M109390	M109391
2x28 W	2480 mm	8,10 kg	5200 lm	○		M109321
				●		M109391

220/240Vac 50/60Hz electronic ballast included.

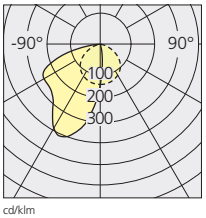
IP20 850°



T16

Efficiency 62%

1x54 W	4450 lm
2x28 W	5200 lm
2x54 W	8900 lm

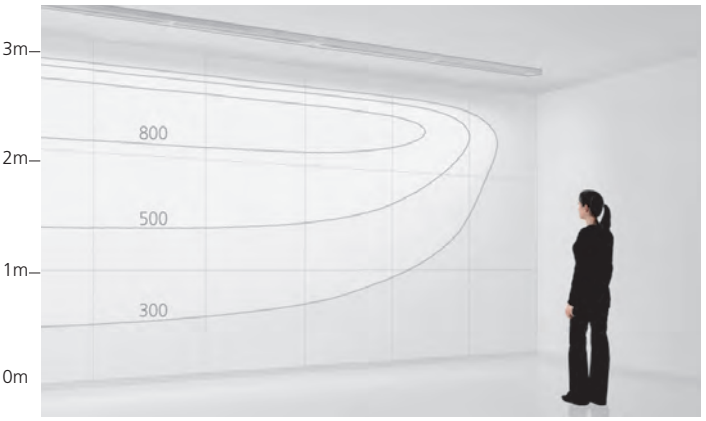


cd/klm

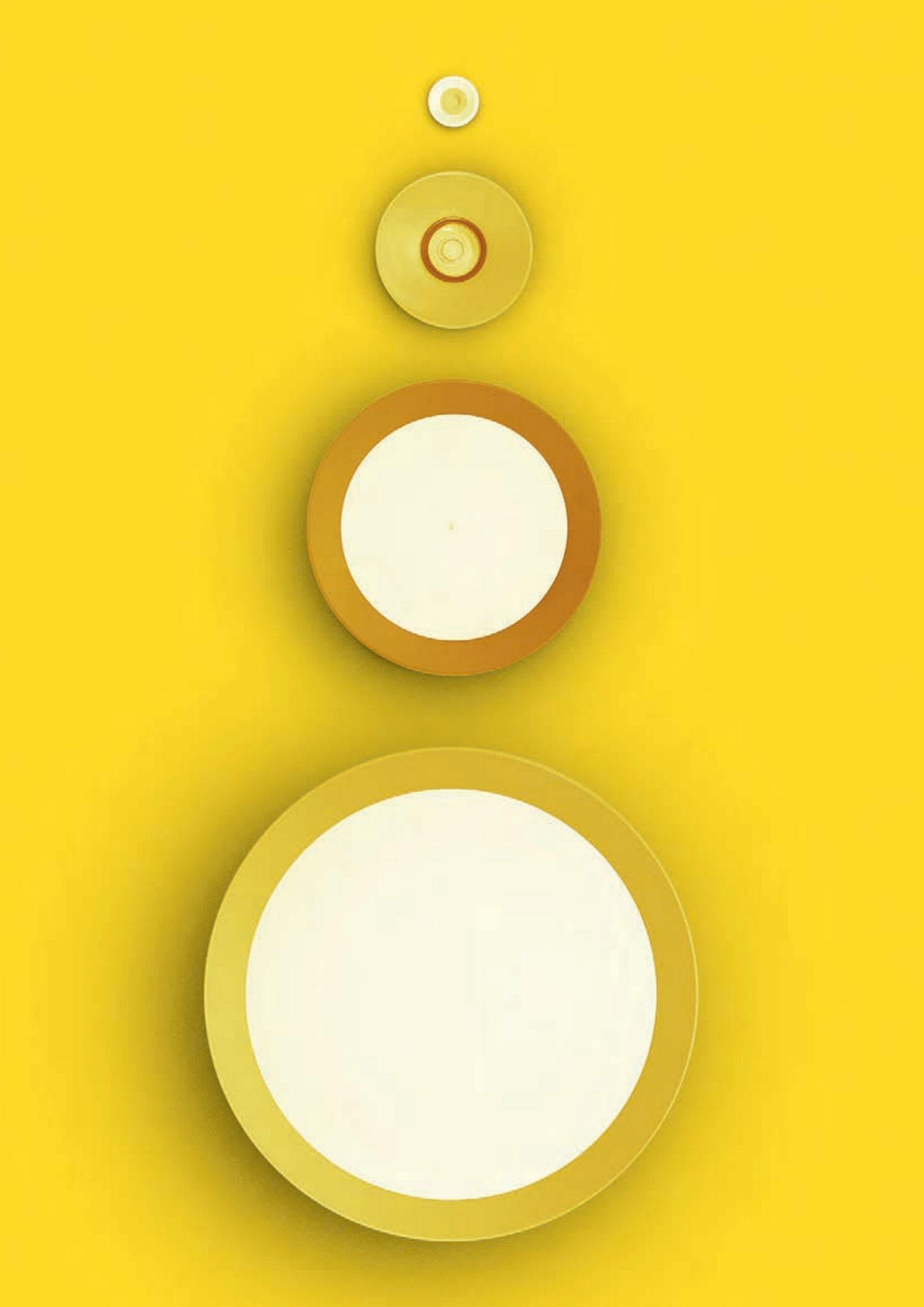
Isolux

Calculation parameters to issue isolux curve diagrams 54W (n luminaires in continuous line):
Length x height 10,00x3,00m.
Reflectance factors ceiling/walls/floor 70/50/20%.
Distance from wall to illuminate 1,00m.
Distance from side wall 1,00m.
Maintenance factor 0,90WF.

T16 (G5) 54W.
Em (wall) 500lux.



D=H/3

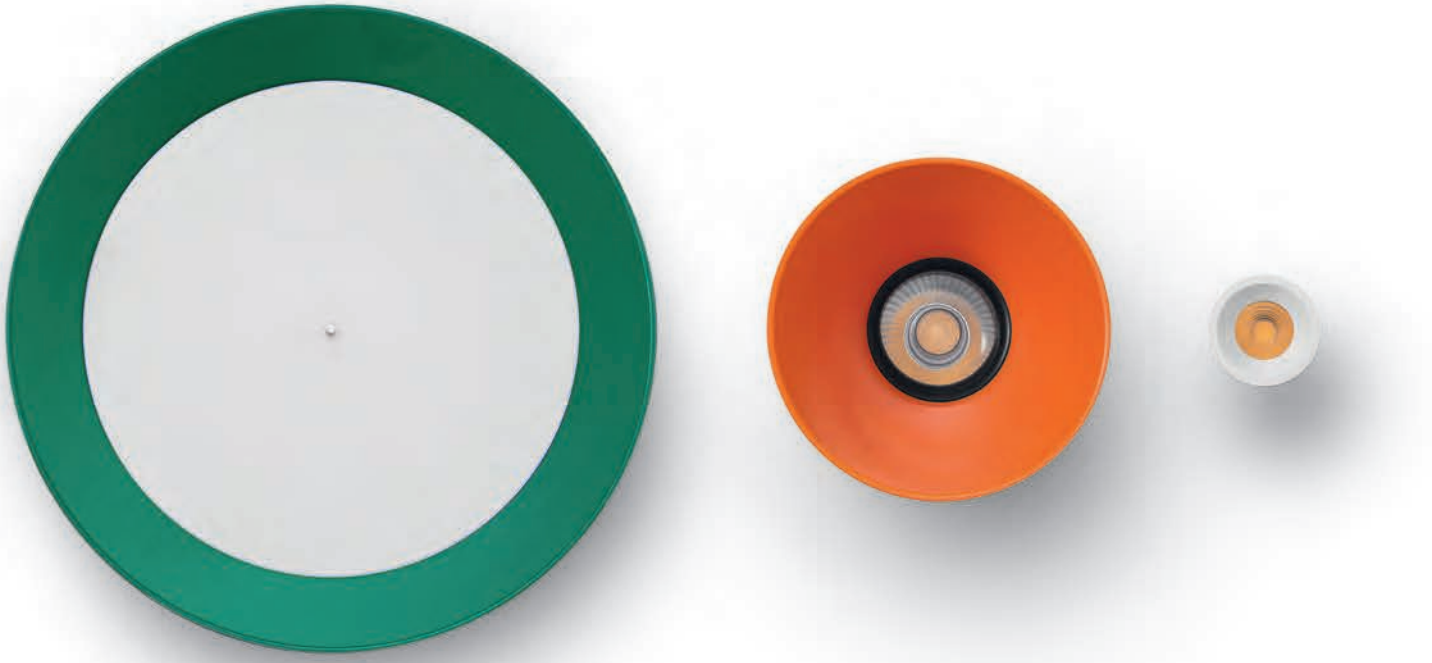


General Lighting

520 Tagora
554 Ourea 156
560 Mouette
568 Twist
572 Absolu
576 Kao
584 Tray
586 Solar LED
594 Bolero
596 Kalifa Recessed
600 Leb
604 Starled
608 Pixel Mesh

Tagora

S. & R. Cornelissen
2013 (LED)
2008 (Other sources)



A series of cylindrical luminaires for ceiling-mounted installation, available with different diameters and depths, allowing cluster configurations. Tagora is a versatile family of products, ideal for a wide range of applications. A choice between high performance LED, fluorescent, halogen and metal halide, plus spot or diffused options, gives the Tagora family great flexibility.

Tagora recessed

- Series of ceiling mounted luminaires available in 4 diameters (80 mm, 270 mm, 570 mm, 970 mm), using high-output LEDs, Retrofit LEDs, 12V halogen lamps, metal halide and fluorescent sources.
- Consists of a trimless recessed frame fitted into the ceiling and an optical unit with an aluminium body painted in a range of colours.
- Tagora 80 and 270 offer high-output spot light with aluminium optics. 2 beam angles for LED version and 3 for HIT version.
- Tagora 270 LED uses a proprietary system based on a hybrid combined lens and reflector optic. This system helps to create defined narrow beams using high-powered LED modules of large dimensions.
- Tagora 570 and 970 cone with a PMMA diffuser, offering a comfortable diffused light. LED versions use high-output sources.
- Monochromatic LED option with warm white (3000 K) and neutral white (4000 K) tones.
- Integrated electronic power supply, dimmable or non-dimmable options, depending on the version.
- Emergency lighting available on Tagora 570 fluorescent option.
- Only ceiling recessed installation allowed.
- Compliant with standard EN60598-1 and other specific standards.

Tagora recessed 80 LED

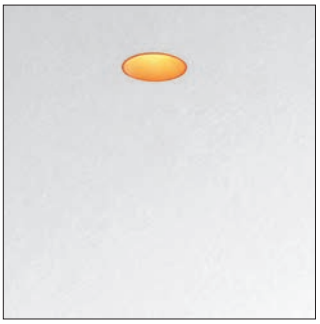
Orange ● White ○ Green ● Blue ●

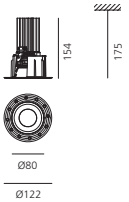
LED

W	Weight	Beam	Flux	CCT	Color	Code
14 W	0,35 kg	20°	655 lm	3000 K	●	M249010
					○	M249020
					●	M249040
					●	M249030
			735 lm	4000 K	●	M249110
					○	M249120
					●	M249140
					●	M249130
		45°	680 lm	3000 K	●	M249410
					○	M249420
					●	M249440
					●	M249430
			765 lm	4000 K	●	M249510
					○	M249520
					●	M249540
					●	M249530

Electronic ballast 350 mA SELV supplied separately.

Driver	Va	Lmm	Wmm	Hmm	n°device		Code
cc 16W 500mA	220-240	156	52	26	1 max	DALI dimmable	M077401





IP20 ◈
(LED GU10) ⧈
960°

⌀92

LED (GU10)

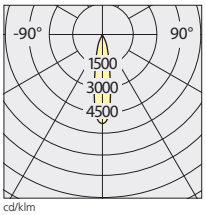
	Weight	Color	Code
220 V 240 V*	0,35 kg	● ○ ● ●	M020210 M020220 M020240 M020230

*Max 81mm (overall)

Tagora 80 LED 20°

	LED		luminaire	
Power	10 W	10 W	14 W	14 W
Flux	940 lm	1055 lm	655 lm	735 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (typ.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(6K) > 50000h			
Beam			20°	20°
Efficiency			70 %	70 %
Efficacy	92 lm/W	103 lm/W	64 lm/W	72 lm/W

14 W



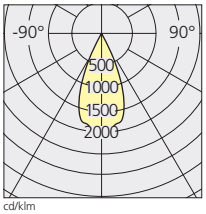
cd/klm

	3000 K			α=20°	4000 K			α=20°
	H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
	1	0,36	3238	2099	1	0,36	3633	2355
	2	0,71	809	525	2	0,71	908	589
	3	1,07	360	233	3	1,07	404	262
	4	1,42	202	131	4	1,42	227	147
	5	1,78	130	84	5	1,78	145	94

Tagora 80 LED 45°

	LED		luminaire	
Power	10 W	10 W	14 W	14 W
Flux	940 lm	1055 lm	680 lm	765 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (typ.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(6K) > 50000h			
Beam			45°	45°
Efficiency			72%	72%
Efficacy	92 lm/W	103 lm/W	66,5 lm/W	74 lm/W

14 W



cd/klm

	3000 K			α=45°	4000 K			α=45°
	H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
	1	0,82	1370	821	1	0,82	1541	924
	2	1,65	343	205	2	1,65	385	231
	3	2,47	152	91	3	2,47	171	103
	4	3,29	86	51	4	3,29	96	58
	5	4,12	55	33	5	4,12	62	37

Tagora recessed 80 HIT/HALO

Orange ● White ○ Green ● Blue ●

QR-CBC51 (GU5,3)

W	Weight	Color	Code
12 V max 35 W	0,35 kg	● ○ ● ●	M020810 M020820 M020840 M020830

retrofit ▶ MASTER LEDspot MR16 (GU5,3) 12V 7 W

220/240Vac 50/60Hz electronic ballast included.

HIPAR51-CE-P (GX10)

W	Weight	Color	Code
20 W	1,20 kg	● ○ ● ●	M020710 M020720 M020740 M020730

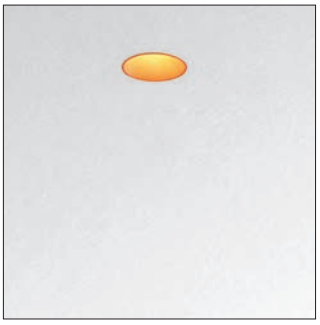
220/240Vac 50/60Hz electronic ballast included.

HIT-TC-CE (GU6,5)

W	Weight	Beam	Flux	Color	Code
20 W	1,20 kg	12°	1700 lm	●	M020910SP
				○	M020920SP
				●	M020940SP
			1700 lm	●	M020930SP
		26°		●	M020910MFL
				○	M020920MFL
				●	M020940MFL
			1700 lm	●	M020930MFL
		59°		●	M020910FL
				○	M020920FL
				●	M020940FL
				●	M020930FL

220/240Vac 50/60Hz electronic ballast included.

				Code
Driver	10-35 W	230-240V/12V	dimmable	M070211
Power supply for HIT	20 W	230-240V		M071232

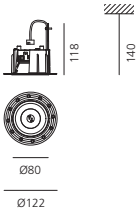


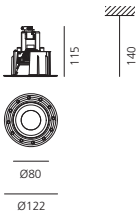
IP20
960°

ø92

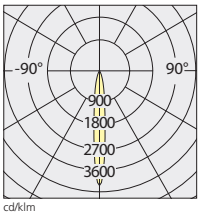
QR-CBC51
HIPAR51

HIT (GU6,5)



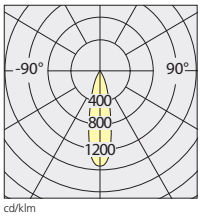


20 W/1700 lm — Efficiency 42% — α=12°



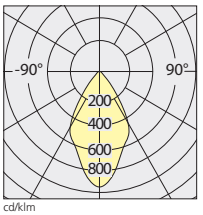
H m	Ø m	EMax lux	EM lux
1	0,20	6959	4401
2	0,39	1740	1100
3	0,59	773	489
4	0,79	435	275
5	0,98	278	176

20 W/1700 lm — Efficiency 42% — α=26°



H m	Ø m	EMax lux	EM lux
1	0,47	2568	1619
2	0,93	642	405
3	1,40	285	180
4	1,87	160	101
5	2,34	103	65

20 W/1700 lm — Efficiency 82% — α=59°



H m	Ø m	EMax lux	EM lux
1	1,13	1563	748
2	2,25	391	187
3	3,38	174	83
4	4,50	98	47
5	5,63	63	30

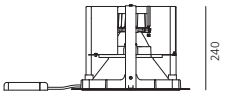
Tagora recessed 270 LED

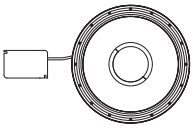
Orange ● White ○ Green ● Blue ●

LED						Dali-SwitchDim
W	Weight	Beam	Flux	CCT	Color	Code
31 W	2,60 kg	16°	1400 lm	3000 K	●	M250411
					○	M250421
					●	M250441
					●	M250431
			1480 lm	4000 K	●	M250511
					○	M250521
					●	M250541
					●	M250531
		32°	1310 lm	3000 K	●	M250611
					○	M250621
					●	M250641
					●	M250631
			1386 lm	4000 K	●	M250711
					○	M250721
					●	M250741
					●	M250731

IP20 ⏚
750°

⌀292



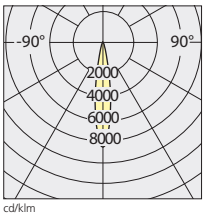


Ø272
Ø338

220/240Vac 50/60Hz electronic ballast included. Dimmable Dali-SwitchDim.
Supply voltage 220-240V. Insulation class II. SELV. IP20.

Tagora 270 LED 16°	LED		luminaire	
Power	26 W	26 W	31 W	31 W
Flux	2950 lm	3110 lm	1400 lm	1480 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(6K) > 50000h			
Beam			16°	16°
Efficiency			48%	48%
Efficacy	113 lm/W	118 lm/W	45 lm/W	48 lm/W

31 W

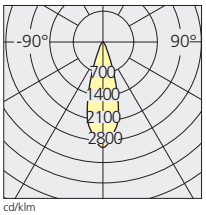


cd/klm

3000 K α=16°				4000 K α=16°			
H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	0,29	12125	7697	1	0,29	12817	8137
2	0,57	3031	1924	2	0,57	3204	2034
3	0,86	1347	855	3	0,86	1424	904
4	1,14	758	481	4	1,14	801	509
5	1,43	485	308	5	1,43	513	325

Tagora 270 LED 32°	LED		luminaire	
Power	26 W	26 W	31 W	31 W
Flux	2950 lm	3110 lm	1310 lm	1386 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(6K) > 50000h			
Beam			32°	32°
Efficiency			44%	44%
Efficacy	113 lm/W	118 lm/W	42 lm/W	48 lm/W

31 W



cd/klm

3000 K α=32°				4000 K α=32°			
H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	0,56	4043	2491	1	0,56	4278	2636
2	1,13	1011	623	2	1,13	1069	659
3	1,69	449	277	3	1,69	475	293
4	2,26	253	156	4	2,26	267	165
5	2,82	162	100	5	2,82	171	105

BASF Lukids - Ludwigshafen (Deutschland)
Arch.: Sander Hofrichter, Photo: Lioba Schneider

Tagora recessed 270 HIT/Fluo

Orange ● White ○ Green ● Blue ●

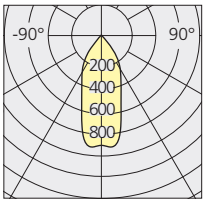
IP20 ⏚ ⌀292
750°

HIT-CE (G12)

W	Weight	Beam	Flux	Color	Code
70 W	2,64 kg	42°	6300 lm	●	M021210
				○	M021220
				●	M021240
				●	M021230
		66°	6600 lm	●	M021310
				○	M021320
				●	M021340
				●	M021330

220/240Vac 50/60Hz electronic ballast included.

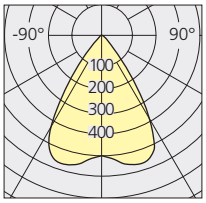
70 W/6300 lm — Efficiency 61% — α=42°



cd/klm

H m	Ø m	EMax lux	EM lux
1	0,75	5863	3527
2	1,50	1466	882
3	2,25	651	392
4	2,99	366	220
5	3,74	235	141

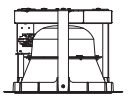
70 W/6600 lm — Efficiency 71% — α=66°

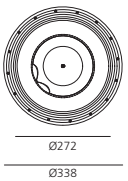


cd/klm

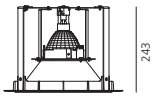
H m	Ø m	EMax lux	EM lux
1	1,35	2553	1294
2	2,70	638	324
3	4,05	284	144
4	5,40	160	81
5	6,75	102	52

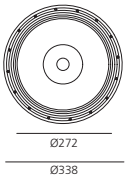
TC-TEL / TC-DEL





HIT



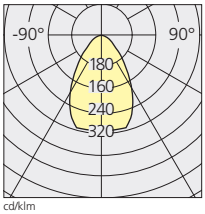


TC-DEL (G24q-3)

W	Weight	Beam	Flux	Color	non dimmable Code	Dali-SwitchDim Code
2x26 W	2,38 kg	70°	3600 lm	●	M021110	M021111
				○	M021120	M021121
				●	M021140	M021141
				●	M021130	M021131

220/240Vac 50/60Hz electronic ballast included.

2x26 W/3600 lm — Efficiency 46% — 70°



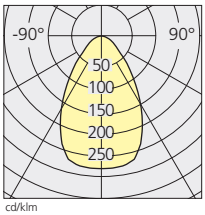
cd/klm

H m	Ø m	EMax lux	EM lux
1	1,37	1091	307
2	2,75	273	77
3	4,12	121	34
4	5,50	68	19
5	6,87	44	12

TC-TEL (GR14q-1)

W	Weight	Beam	Flux	Color	non dimmable Code	Dali-SwitchDim Code
2x17 W	2,38 kg	66°	3000 lm	●	M021010	M021011
				○	M021020	M021021
				●	M021040	M021041
				●	M021030	M021031

2x17 W/3000 lm — Efficiency 40% — 66°

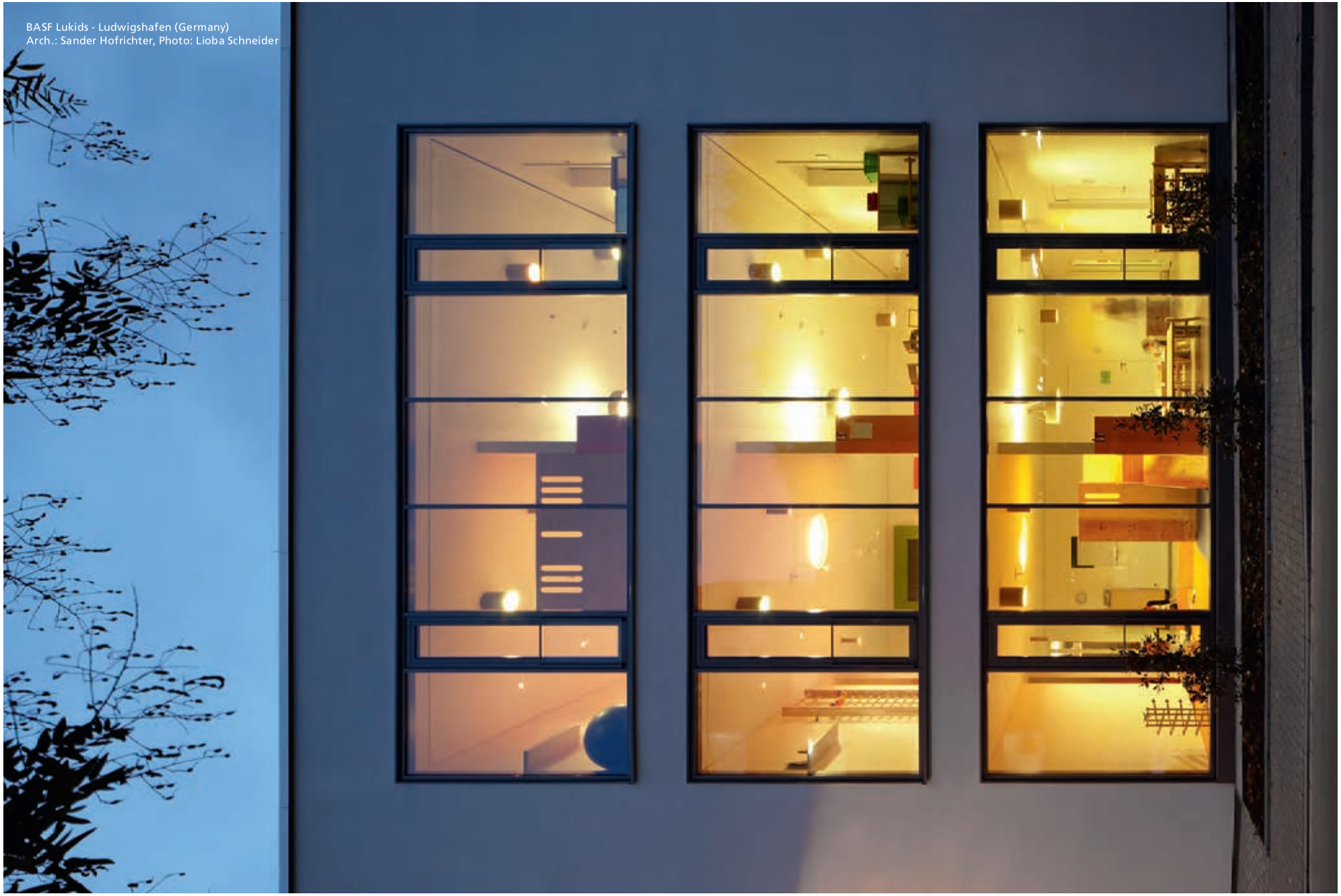


cd/klm

H m	Ø m	EMax lux	EM lux
1	1,31	702	206
2	2,62	176	52
3	3,93	78	23
4	5,24	44	13
5	6,54	28	8

Power supply for HIT	70 W	230-240V	M070522

BASF Lukids - Ludwigshafen (Germany)
Arch.: Sander Hofrichter, Photo: Lioba Schneider



Tagora recessed 570

Orange ● White ○ Green ● Blue ●

LED

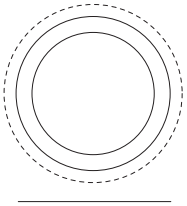
W	Weight	Beam	Flux	CCT	Color
46 W	5,90 kg	102°	2175 lm	3000 K	●
					○
					●
					●
			2316 lm	4000 K	●
					○
					●
					●

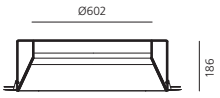
Dali-SwitchDim

Code
M250211
M250221
M250241
M250231
M250311
M250321
M250341
M250331

220/240Vac 50/60Hz electronic ballast included. Dimmable Dali-SwitchDim.
Supply voltage 220-240V. Insulation class II. SELV. IP20.

IP40 ⏚ 650° ⌀606

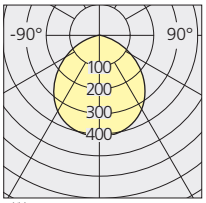




Tagora 570 LED

	LED		luminaire	
Power	40 W	40 W	46 W	46 W
Flux	4840 lm	5200 lm	2175 lm	2316 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (typ.)			
Color tolerance	MacAdam 4SDCM			
Service life	L70(6K) > 36000h			
Beam			102°	102°
Efficiency			45%	45%
Efficacy	121 lm/W	130 lm/W	47 lm/W	50 lm/W

46 W — 3000 K — α=102° — 4000 K — α=102°



cd/klm

H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	2,52	884	106	1	2,52	942	113
2	5,05	221	27	2	5,05	235	28
3	7,57	98	12	3	7,57	105	13
4	10,09	55	7	4	10,09	59	7
5	12,62	35	4	5	12,62	38	5

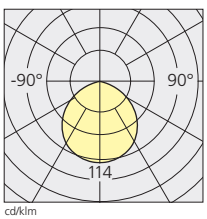
TC-LEL (2G11)

W	Weight	Beam	Flux	Color
4x36 W	5,85 kg	106°	11600 lm	●
				○
				●
				●

non dimmable	+ emergency 1h	Dali-SwitchDim
Code	Code	Code
M016010	M016017	M016011
M016020	M016027	M016021
M016040	M016047	M016041
M016030	M016037	M016031

220/240Vac 50/60Hz electronic ballast included.

4x36 W/11600 lm — Efficiency 30% — 106°



cd/klm

H m	Ø m	EMax lux	EM lux
1	2,58	1364	157
2	5,16	341	39
3	7,74	152	17
4	10,31	85	10
5	12,89	55	6

Tagora recessed 970

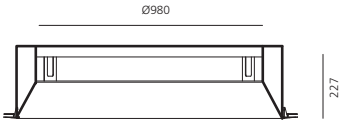
Orange ● White ○ Green ● Blue ●

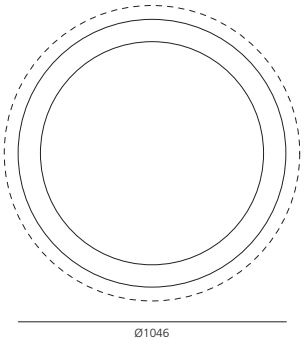
LED

W	Weight	Beam	Flux	CCT	Color	Dali-SwitchDim Code
116 W	22,50 kg	102°	6171 lm	3000 K	●	M250011
					○	M250021
					●	M250041
					●	M250031
			6630 lm	4000 K	●	M250111
					○	M250121
					●	M250141
					●	M250131

220/240Vac 50/60Hz electronic ballast included. Dimmable Dali-SwitchDim.
Supply voltage 220-240V. Insulation class II. SELV. IP20.

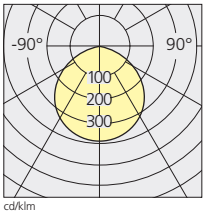
IP40 ⏚ 650° ⌀1002





Tagora 970 LED	LED direct		luminaire direct	
Power	100 W	100 W	116 W	116 W
Flux	12100 lm	13000 lm	6171 lm	6630 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (typ.)			
Color tolerance	MacAdam 4SDCM			
Service life	L70(6K) > 36000h			
Beam			102°	102°
Efficiency			51%	51%
Efficacy	121 lm/W	130 lm/W	53 lm/W	57 lm/W

116 W 3000 K **α=102°** 4000 K **α=102°**



cd/klm

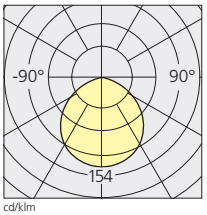
H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	2,79	2091	554	1	2,79	2091	554
2	5,58	523	139	2	5,58	523	139
3	8,38	232	62	3	8,38	232	62
4	11,17	131	35	4	11,17	131	35
5	13,96	84	22	5	13,96	84	22

T16 (G5)

W	Weight	Beam	Flux	Color	non dimmable Code	Dali-SwitchDim Code
4x24 W + 4x39 W	22,00 kg	112°	19400 lm	●	M021510	M021511
				○	M021520	M021521
				●	M021540	M021541
				●	M021530	M021531

220/240Vac 50/60Hz electronic ballast included.

4x24W+4x39W/19400 lm **Efficiency 43%** 112°



cd/klm

H m	Ø m	EMax lux	EM lux
1	2,98	2978	258
2	5,95	745	65
3	8,93	331	29
4	11,91	186	16
5	14,88	119	10

Tagora ceiling

- Series of ceiling mounted luminaires available in 4 diameters (80 mm, 270 mm, 570 mm, 970 mm), using high-output LEDs, Retrofit LEDs, 12V halogen lamps, metal halide and fluorescent sources.
- Aluminium body available in different two-coloured versions: beige/white, grey/white, black/orange, black/vert and black/blue.
- Tagora 80 and 270 offer high-output spot light with aluminium optics. 2 beam angles for LED version and 3 for HIT version.
- Tagora 270 LED uses a proprietary system based on a hybrid combined lens and reflector optic. This system helps to create defined narrow beams using high-powered LED modules of large dimensions.
- Tagora 570 and 970 come with a PMMA diffuser, offering a comfortable diffused light. LED versions use high-output sources.
- Monochromatic LED option with warm white (3000 K) and neutral white (4000 K) tones.
- Integrated electronic power supply, dimmable or non-dimmable options, depending on the version.
- Emergency lighting available on Tagora 570 fluorescent option.
- Only ceiling mounted installation allowed.
- Compliant with standard EN60598-1 and other specific standards.

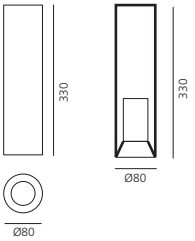
Tagora ceiling 80 LED

Black/Green | Black/Blue | Black/Orange | Grey/White | Beige/White

LED

W	Weight	Beam	Flux	CCT	Color	non dimmable Code
18 W	1,15 kg	20°	655 lm	3000 K		M244610
						M244660
						M244620
						M244640
						M244630
			735 lm	4000 K		M244710
						M244760
						M244720
						M244740
						M244730
		45°	680 lm	3000 K		M244810
						M244860
						M244820
						M244840
						M244830
			765 lm	4000 K		M244910
						M244960
						M244920
						M244940
						M244930

IP20 ⏚
960°



220/240Vac 50/60Hz electronic ballast included.

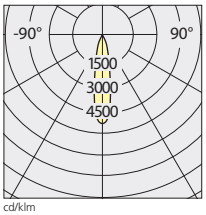
LED (GU10)

	Weight	Color	Code
220 V 240 V*	0,98 kg		M018910
			M018960
			M018920
			M018940
			M018930

Tagora 80 LED 20°

	LED		luminaire	
Power	10 W	10 W	14 W	14 W
Flux	940 lm	1055 lm	655 lm	735 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (typ.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(6K) > 50000h			
Beam			20°	20°
Efficiency			70 %	70 %
Efficacy	92 lm/W	103 lm/W	64 lm/W	72 lm/W

14 W



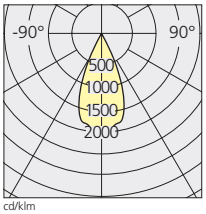
cd/klm

3000 K				α=20°	4000 K				α=20°
H m	Ø m	EMax lux	EM lux		H m	Ø m	EMax lux	EM lux	
1	0,36	3238	2099		1	0,36	3633	2355	
2	0,71	809	525		2	0,71	908	589	
3	1,07	360	233		3	1,07	404	262	
4	1,42	202	131		4	1,42	227	147	
5	1,78	130	84		5	1,78	145	94	

Tagora 80 LED 45°

	LED		luminaire	
Power	10 W	10 W	14 W	14 W
Flux	940 lm	1055 lm	680 lm	765 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (typ.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(6K) > 50000h			
Beam			45°	45°
Efficiency			72%	72%
Efficacy	92 lm/W	103 lm/W	66,5 lm/W	74 lm/W

14 W



cd/klm

3000 K				α=45°	4000 K				α=45°
H m	Ø m	EMax lux	EM lux		H m	Ø m	EMax lux	EM lux	
1	0,82	1370	821		1	0,82	1541	924	
2	1,65	343	205		2	1,65	385	231	
3	2,47	152	91		3	2,47	171	103	
4	3,29	86	51		4	3,29	96	58	
5	4,12	55	33		5	4,12	62	37	

Tagora ceiling 80 HIT/HALO

Black/Green | Black/Blue | Black/Orange | Grey/White | Beige/White

QR-CBC51 (GU5,3)

dimmable*

W	Weight	Color	Code
12 V max 35 W	1,06 kg		M018210
			M018260
			M018220
			M018240
			M018230

Retrofit ▶ MASTER LEDspot MR16 (GU5,3) 12V 7 W.

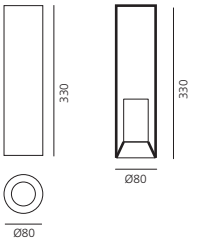
220/240Vac 50/60Hz electronic ballast included.
*Leading and trailing edge dimmable.

IP20 ⏚
960°

HIPAR51-CE-P (GX10)

W	Weight	Color	Code
20 W	1,15 kg		M018310
			M018360
			M018320
			M018340
			M018330

220/240Vac 50/60Hz electronic ballast included.

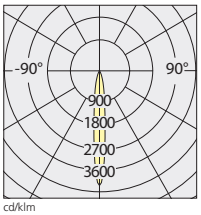


HIT-TC-CE (GU6,5)

W	Weight	Beam	Flux	Color	Code
23 W	1,15 kg	12°	1700 lm		M017010SP
					M017060SP
					M017020SP
					M017040SP
			1700 lm		M017030SP
		26°			M017010MFL
					M017060MFL
					M017020MFL
					M017040MFL
			1700 lm		M017040MFL
		59°			M017010FL
					M017060FL
					M017020FL
					M017040FL
					M017030FL

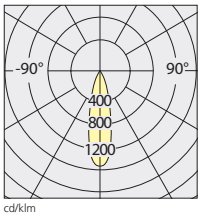
220/240Vac 50/60Hz electronic ballast included.

23 W/1700 lm — **Efficiency 42,43% α=12°**



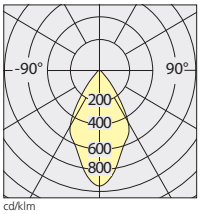
H m	Ø m	EMax lux	EM lux
1	0,20	6959	4401
2	0,39	1740	1100
3	0,59	773	489
4	0,79	435	275
5	0,98	278	176

23 W/1700 lm — **Efficiency 41,85% α=26°**



H m	Ø m	EMax lux	EM lux
1	0,47	2568	1619
2	0,93	642	405
3	1,40	285	180
4	1,87	160	101
5	2,34	103	65

23 W/1700 lm — **Efficiency 81,95% α=59°**



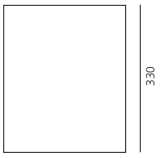
H m	Ø m	EMax lux	EM lux
1	1,13	1563	748
2	2,25	391	187
3	3,38	174	83
4	4,50	98	47
5	5,63	63	30

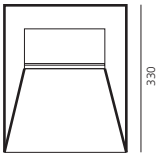
Tagora ceiling 270 LED

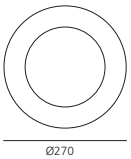
Black/Green | Black/Blue | Black/Orange | Grey/White | Beige/White

LED						Dali-SwitchDim
W	Weight	Beam	Flux	CCT	Color	Code
31 W	2,60 kg	16°	1400 lm	3000 K		M248411
						M248461
						M248421
						M248441
						M248431
			1480 lm	4000 K		M248511
						M248561
						M248521
						M248541
						M248531
		32°	1310 lm	3000 K		M248611
						M248661
						M248621
						M248641
						M248631
			1386 lm	4000 K		M248711
						M248761
						M248721
						M248741
						M248731

IP20 ⏚
960°



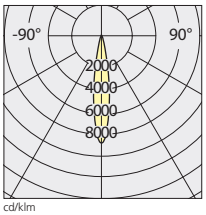




220/240Vac 50/60Hz electronic ballast included.

Tagora 270 LED 16°	LED		luminaire	
Power	26 W	32 W	31 W	31 W
Flux	2950 lm	3110 lm	1400 lm	1480 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(6K) > 50000h			
Beam			16°	16°
Efficiency			48%	48%
Efficacy	113 lm/W	118 lm/W	45 lm/W	48 lm/W

31 W — 3000 K — α=16° — 4000 K — α=16°

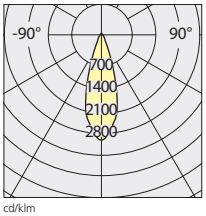


cd/klm

H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	0,29	12125	7697	1	0,29	12817	8137
2	0,57	3031	1924	2	0,57	3204	2034
3	0,86	1347	855	3	0,86	1424	904
4	1,14	758	481	4	1,14	801	509
5	1,43	485	308	5	1,43	513	325

Tagora 270 LED 32°	LED		luminaire	
Power	26 W	26 W	31 W	31 W
Flux	2950 lm	3110 lm	1310 lm	1386 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(6K) > 50000h			
Beam			32°	32°
Efficiency			44%	44%
Efficacy	113 lm/W	118 lm/W	42 lm/W	48 lm/W

31 W — 3000 K — α=32° — 4000 K — α=32°



cd/klm

H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	0,56	4043	2491	1	0,56	4278	2636
2	1,13	1011	623	2	1,13	1069	659
3	1,69	449	277	3	1,69	475	293
4	2,26	253	156	4	2,26	267	165
5	2,82	162	100	5	2,82	171	105

Tagora ceiling 270 HIT/Fluo

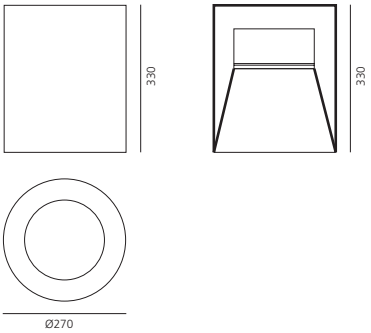
Black/Green | Black/Blue | Black/Orange | Grey/White | Beige/White

HIT-CE (G12)

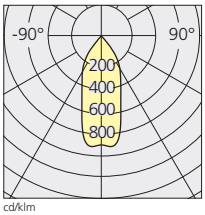
W	Weight	Beam	Flux	Color	Code
70 W	2,64 kg	42°	6300 lm		M018710
					M018760
					M018720
					M018740
			6600 lm		M018730
		66°			M018810
					M018860
					M018820
					M018840
					M018830

220/240Vac 50/60Hz electronic ballast included.

IP20 ⏚
960°



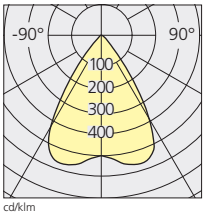
70 W/6300 lm — Efficiency 61% — α=42°



cd/klm

H m	Ø m	EMax lux	EM lux
1	0,75	5863	3527
2	1,50	1466	882
3	2,25	651	392
4	2,99	366	220
5	3,74	235	141

70 W/6600 lm — Efficiency 71% — α=66°



cd/klm

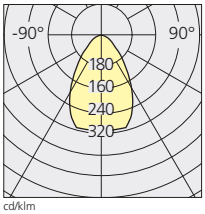
H m	Ø m	EMax lux	EM lux
1	1,35	2553	1294
2	2,70	638	324
3	4,05	284	144
4	5,40	160	81
5	6,75	102	52

TC-DEL (G24q-3)

W	Weight	Beam	Flux	Color	non dimmable Code	Dali-SwitchDim Code
2x26 W	2,38 kg	70°	3600 lm		M018510	M018511
					M018560	M018561
					M018520	M018521
					M018540	M018541
					M018530	M018531

220/240Vac 50/60Hz electronic ballast included.

2x26 W/3600 lm — Efficiency 46% — 70°



cd/klm

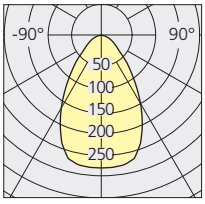
H m	Ø m	EMax lux	EM lux
1	1,37	1091	307
2	2,75	273	77
3	4,12	121	34
4	5,50	68	19
5	6,87	44	12

TC-TEL (GR14q-1)

W	Weight	Beam	Flux	Color	non dimmable Code	Dali-SwitchDim Code
2x17 W	2,38 kg	66°	3000 lm		M018610	M018611
					M018660	M018661
					M018620	M018621
					M018640	M018641
					M018630	M018631

220/240Vac 50/60Hz electronic ballast included.

2x17 W/3000 lm — Efficiency 40% — 66°



H m	Ø m	EMax lux	EM lux
1	1,31	702	206
2	2,62	176	52
3	3,93	78	23
4	5,24	44	13
5	6,54	28	8

Vodafone Campus - Dusseldorf (Germany)
Arch.: HPP Hentrich-Petschnigg & Partner, Photo: Werner Huthmacher

Tagora ceiling 570

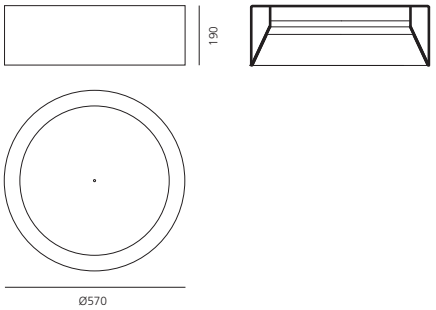
Black/Green | Black/Blue | Black/Orange | Grey/White | Beige/White

LED

W	Weight	Beam	Flux	CCT	Color	Dali-SwitchDim Code
46 W	5,30 kg	102°	2175 lm	3000 K		M248211
						M248261
						M248221
						M248241
						M248231
			2316 lm	4000 K		M248311
						M248361
						M248321
						M248341
						M248331

IP40 ⏚
650°

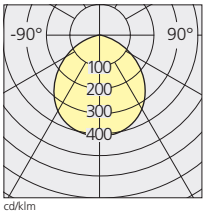
220/240Vac 50/60Hz electronic ballast included.



Tagora 570 LED

	LED		luminaire	
Power	40 W	40 W	46 W	46 W
Flux	4840 lm	5200 lm	2175 lm	2316 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (typ.)			
Color tolerance	MacAdam 4SDCM			
Service life	L70(6K) > 36000h			
Beam			102°	102°
Efficiency			45%	45%
Efficacy	121 lm/W	130 lm/W	47 lm/W	50 lm/W

46 W



cd/klm

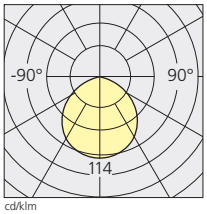
3000 K α=102°				4000 K α=102°			
H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	2,52	884	106	1	2,52	942	113
2	5,05	221	27	2	5,05	235	28
3	7,57	98	12	3	7,57	105	13
4	10,09	55	7	4	10,09	59	7
5	12,62	35	4	5	12,62	38	5

T16 (G5)

W	Weight	Beam	Flux	Color	non dimmable Code	+ emergency 1h Code	Dali-SwitchDim Code
4x36 W	5,20 kg	106°	11600 lm		M016710	M016717	M016711
					M016760	M016767	M016761
					M016720	M016727	M016721
					M016740	M016747	M016741
					M016730	M016737	M016731

220/240Vac 50/60Hz electronic ballast included.

4x36 W/11600 lm | **Efficiency 30%** | 106°



cd/klm

H m	Ø m	EMax lux	EM lux
1	2,58	1364	157
2	5,16	341	39
3	7,74	152	17
4	10,31	85	10
5	12,89	55	6

Tagora ceiling 970

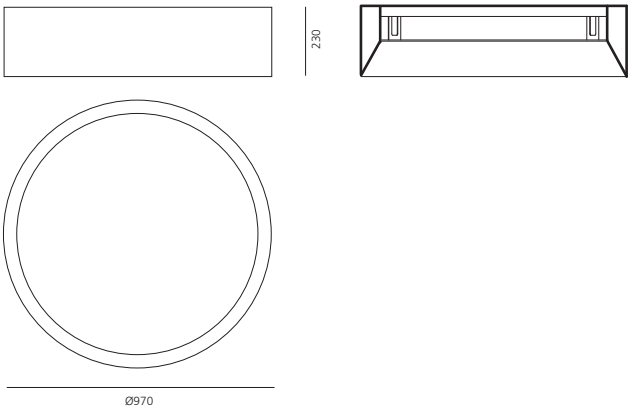
Black/Green | Black/Blue | Black/Orange | Grey/White | Beige/White

LED

W	Weight	Beam	Flux	CCT	Color	Dali-SwitchDim Code
116 W	15,50 kg	102°	6171 lm	3000 K		M248011
						M248061
						M248021
						M248041
						M248031
			6630 lm	4000 K		M248111
						M248161
						M248121
						M248141
						M248131

IP40 ⏚
650°

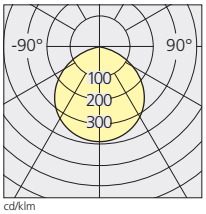
220/240Vac 50/60Hz electronic ballast included.



Tagora 970 LED

	LED direct		luminaire direct	
Power	100 W	100 W	116 W	116 W
Flux	12100 lm	13000 lm	6171 lm	6630 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (typ.)			
Color tolerance	MacAdam 4SDCM			
Service life	L70(6K) > 36000h			
Beam			102°	102°
Efficiency			51%	51%
Efficacy	121 lm/W	130 lm/W	53 lm/W	57 lm/W

116 W 3000 K α=102° 4000 K α=102°



cd/klm

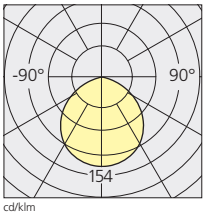
H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	2,79	2091	554	1	2,79	2091	554
2	5,58	523	139	2	5,58	523	139
3	8,38	232	62	3	8,38	232	62
4	11,17	131	35	4	11,17	131	35
5	13,96	84	22	5	13,96	84	22

T16 (G5)

W	Weight	Beam	Flux	Color	non dimmable Code	Dali-SwitchDim Code
4x24 W + 4x39 W	15,00 kg	112°	19400 lm		M017710	M017711
					M017760	M017761
					M017720	M017721
					M017740	M017741
					M017730	M017731

220/240Vac 50/60Hz electronic ballast included.

4x24W+4x39W/19400 lm Efficiency 43% 112°



cd/klm

H m	Ø m	EMax lux	EM lux
1	2,98	2978	258
2	5,95	745	65
3	8,93	331	29
4	11,91	186	16
5	14,88	119	10

Vodafone Campus - Dusseldorf (Germany)
Arch.: HPP Hentrich-Petschnigg & Partner, Photo: Werner Huthmacher

Tagora suspension

- Series of suspended luminaires available in 4 diameters (80 mm, 270 mm, 570 mm, 970 mm), using high-output LEDs, Retrofit LEDs, 12V halogen lamps, metal halide and fluorescent sources.
- Aluminium body available in different two-coloured versions: beige/white, grey/white, black/orange, black/vert and black/blue.
- Steel suspension cables allowing quick adjustment, 2 metre length.
- Tagora 80 and 270 offer a high-output spot light with aluminium optics. 2 beam angles for LED versions and 3 for HIT versions.
- Tagora 270 LED uses a proprietary system based on a hybrid combined lens and reflector optic. This system helps to create defined narrow beams using high-powered LED modules of large dimensions.
- Tagora 570 and 970 come with a PMMA diffuser, offering a comfortable diffused light. LED versions use high-output sources.
- Monochromatic LED option with warm white (3000 K) and neutral white (4000 K) tones.
- Integrated electronic power supply, dimmable or non-dimmable options, depending on the version.
- Emergency lighting available on Tagora 570 fluorescent option.
- Option of double light emission available on Tagora 570 and 970 fluorescent modules.
- Compliant with standard EN60598-1 and other specific standards.

Tagora suspension 80 LED

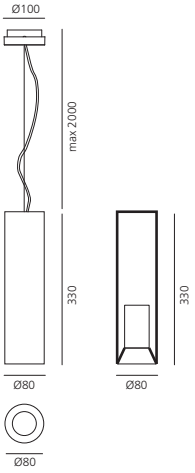
Black/Green | Black/Blue | Black/Orange | Grey/White | Beige/White

LED

W	Weight	Beam	Flux	CCT	Color	non dimmable Code
14 W	1,20 kg	20°	655 lm	3000 K		M247610
						M247660
						M247620
						M247640
						M247630
			735 lm	4000 K		M247710
						M247760
						M247720
						M247740
						M247730
		45°	680 lm	3000 K		M247810
						M247860
						M247820
						M247840
						M247830
			756 lm	4000 K		M247910
						M247960
						M247920
						M247940
						M247930

220/240Vac 50/60Hz electronic ballast included.

IP20 ⏚
960°



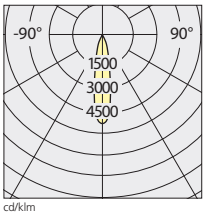
LED (GU10)

	Weight	Color	Code
220 V	1,03 kg		M019110
240 V*			M019160
			M019120
*Max 81mm (overall)			M019140
			M019130

Tagora 80 LED 20°

	LED		luminaire	
Power	10 W	10 W	14 W	14 W
Flux	940 lm	1055 lm	655 lm	735 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (typ.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(6K) > 50000h			
Beam			20°	20°
Efficiency			70 %	70 %
Efficacy	92 lm/W	103 lm/W	64 lm/W	72 lm/W

14 W



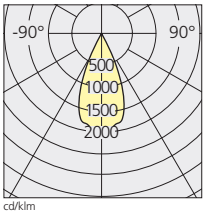
cd/klm

3000 K α=20°				4000 K α=20°			
H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	0,36	3238	2099	1	0,36	3633	2355
2	0,71	809	525	2	0,71	908	589
3	1,07	360	233	3	1,07	404	262
4	1,42	202	131	4	1,42	227	147
5	1,78	130	84	5	1,78	145	94

Tagora 80 LED 45°

	LED		luminaire	
Power	10 W	10 W	14 W	14 W
Flux	940 lm	1055 lm	680 lm	765 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (typ.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(6K) > 50000h			
Beam			45°	45°
Efficiency			72%	72%
Efficacy	92 lm/W	103 lm/W	66,5 lm/W	74 lm/W

14 W



cd/klm

3000 K α=45°				4000 K α=45°			
H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	0,82	1370	821	1	0,82	1541	924
2	1,65	343	205	2	1,65	385	231
3	2,47	152	91	3	2,47	171	103
4	3,29	86	51	4	3,29	96	58
5	4,12	55	33	5	4,12	62	37

Tagora suspension 80 HIT/HALO

Black/Green | Black/Blue | Black/Orange | Grey/White | Beige/White

QR-CBC51 (GU5,3) — dimmable*

W	Weight	Color	Code
12 V max 35 W	1,12 kg		M017810
			M017860
			M017820
			M017840
			M017830

retrofit ▶ MASTER LEDspot MR16 (GU5,3) 12V 7 W

*Leading and trailing edge dimmable.

220/240Vac 50/60Hz electronic ballast included.

IP20 ⏚
960°

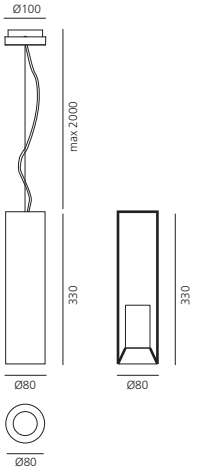
HIPAR51-CE-P (GX10)

W	Weight	Color	Code
20 W	1,20 kg		M019210
			M019260
			M019220
			M019240
			M019230

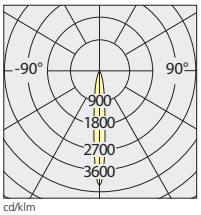
HIT-TC-CE (GU6,5)

W	Weight	Beam	Flux	Color	Code
23 W	1,20 kg	12°	1700 lm		M019310SP
					M019360SP
					M019320SP
					M019340SP
			1700 lm		M019330SP
		27°			M019310MFL
					M019360MFL
					M019320MFL
					M019340MFL
			1700 lm		M019330MFL
		59°			M019310FL
					M019360FL
					M019320FL
					M019340FL
					M019330FL

220/240Vac 50/60Hz electronic ballast included.



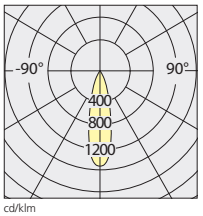
23 W/1700 lm — Efficiency 42,43% α=12°



cd/klm

H m	Ø m	EMax lux	EM lux
1	0,20	6959	4401
2	0,39	1740	1100
3	0,59	773	489
4	0,79	435	275
5	0,98	278	176

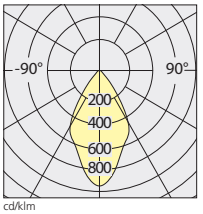
23 W/1700 lm — Efficiency 41,85% α=27°



cd/klm

H m	Ø m	EMax lux	EM lux
1	0,47	2568	1619
2	0,93	642	405
3	1,40	285	180
4	1,87	160	101
5	2,34	103	65

23 W/1700 lm — Efficiency 81,95% α=59°



cd/klm

H m	Ø m	EMax lux	EM lux
1	1,13	1563	748
2	2,25	391	187
3	3,38	174	83
4	4,50	98	47
5	5,63	63	30

Tagora suspension 270 LED

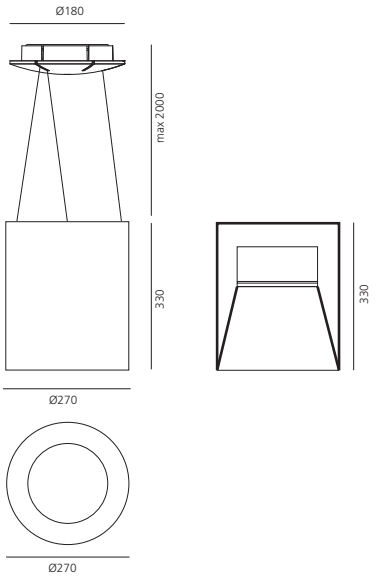
Black/Green | Black/Blue | Black/Orange | Grey/White | Beige/White

LED

W (Led)	Weight	Beam	Flux	CCT	Color	DALI-SwitchDim Code
31 W	2,68 kg	16°	1400 lm	3000 K		M249611
						M249661
						M249621
						M249641
						M249631
			1480 lm	4000 K		M249711
						M249761
						M249721
						M249741
						M249731
		32°	1310 lm	3000 K		M249811
						M249861
						M249821
						M249841
						M249831
			1386 lm	4000 K		M249911
						M249961
						M249921
						M249941
						M249931

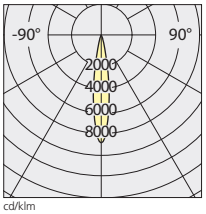
220/240Vac 50/60Hz electronic ballast included.

IP20 ⏚
960°



Tagora 270 LED 16°	LED		luminaire	
Power	26 W	26 W	31 W	31 W
Flux	2950 lm	3110 lm	1400 lm	1480 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(6K) > 50000h			
Beam			16°	16°
Efficiency			48%	48%
Efficacy	113 lm/W	118 lm/W	45 lm/W	48 lm/W

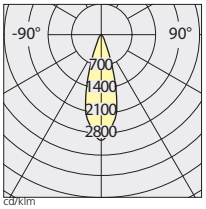
31 W



3000 K α=16°				4000 K α=16°			
H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	0,29	12125	7697	1	0,29	12817	8137
2	0,57	3031	1924	2	0,57	3204	2034
3	0,86	1347	855	3	0,86	1424	904
4	1,14	758	481	4	1,14	801	509
5	1,43	485	308	5	1,43	513	325

Tagora 270 LED 32°	LED		luminaire	
Power	26 W	26 W	31 W	31 W
Flux	2950 lm	3110 lm	1310 lm	1386 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(6K) > 50000h			
Beam			32°	32°
Efficiency			44%	44%
Efficacy	113 lm/W	118 lm/W	42 lm/W	48 lm/W

31 W



3000 K α=32°				4000 K α=32°			
H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	0,56	4043	2491	1	0,56	4278	2636
2	1,13	1011	623	2	1,13	1069	659
3	1,69	449	277	3	1,69	475	293
4	2,26	253	156	4	2,26	267	165
5	2,82	162	100	5	2,82	171	105

Tagora suspension 270 HIT/Fluo

Black/Green | Black/Blue | Black/Orange | Grey/White | Beige/White

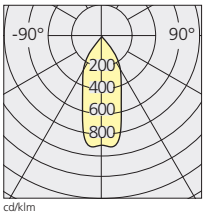
HIT-CE (G12)

W	Weight	Beam	Flux	Color	Code
70 W	2,68 kg	42°	6300 lm		M019610
					M019660
					M019620
					M019640
					M019630
		66°	6600 lm		M019710
					M019760
					M019720
					M019740
					M019730

220/240Vac 50/60Hz electronic ballast included.

IP20 ⏚
960°

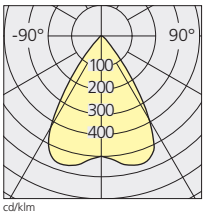
70 W/6300 lm — **Efficiency 61%** — α=42°



cd/klm

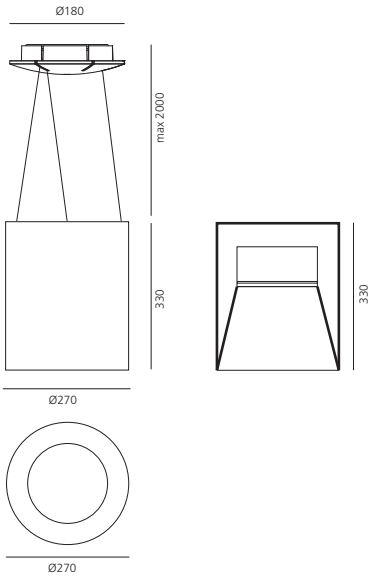
H m	Ø m	EMax lux	EM lux
1	0,75	5863	3527
2	1,50	1466	882
3	2,25	651	392
4	2,99	366	220
5	3,74	235	141

70 W/6600 lm — **Efficiency 71%** — α=66°



cd/klm

H m	Ø m	EMax lux	EM lux
1	1,35	2553	1294
2	2,70	638	324
3	4,05	284	144
4	5,40	160	81
5	6,75	102	52

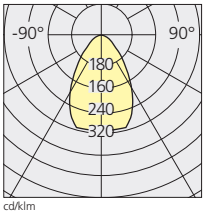


TC-DEL (G24q-3)

W	Weight	Beam	Flux	Color	non dimmable Code	Dali-SwitchDim Code
2x26 W	2,38 kg	70°	3600 lm		M019510	M019511
					M019560	M019561
					M019520	M019521
					M019540	M019541
					M019530	M019531

220/240Vac 50/60Hz electronic ballast included.

2x26 W/3600 lm — **Efficiency 46%** — 70°



cd/klm

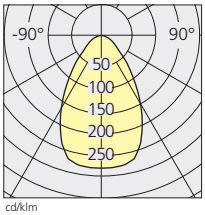
H m	Ø m	EMax lux	EM lux
1	1,37	1091	307
2	2,75	273	77
3	4,12	121	34
4	5,50	68	19
5	6,87	44	12

TC-TEL (GR14q-1)

W	Weight	Beam	Flux	Color	non dimmable Code	Dali-SwitchDim Code
2x17 W	2,38 kg	66°	3000 lm		M019410	M019411
					M019460	M019461
					M019420	M019421
					M019440	M019441
					M019430	M019431

220/240Vac 50/60Hz electronic ballast included.

2x17 W/3000 lm — **Efficiency 40%** — 66°



cd/klm

H m	Ø m	EMax lux	EM lux
1	1,31	702	206
2	2,62	176	52
3	3,93	78	23
4	5,24	44	13
5	6,54	28	8

Tagora suspension 570 LED

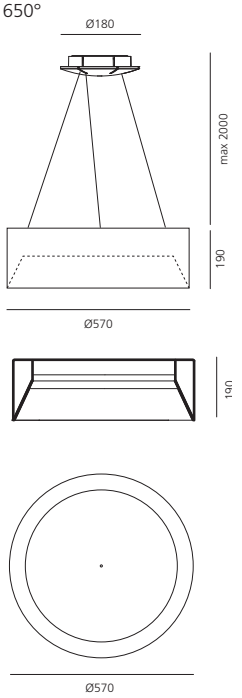
Black/Green | Black/Blue | Black/Orange | Grey/White | Beige/White

LED Direct emission

W	Weight	Beam	Flux	CCT	Color	Dali-SwitchDim Code
46 W	6,80 kg	102°	2175 lm	3000 K		M249211
						M249261
						M249221
						M249241
						M249231
			2316 m	4000 K		M249311
						M249361
						M249321
						M249341
						M249331

220/240Vac 50/60Hz electronic ballast included.

IP40 ⏚
650°



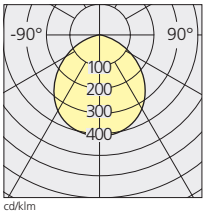
LED Direct + indirect emission

W	Weight	Beam	Flux	CCT	Color	Dali-SwitchDim Code
46 W	6,80 kg	102°	2175 lm	3000 K		M240211
						M240261
						M240221
						M240241
						M240231
			2316 m	4000 K		M240311
						M240361
						M240321
						M240341
						M240331

220/240Vac 50/60Hz electronic ballast included.

Tagora 570 LED	LED		luminaire	
Power	40 W	40 W	46 W	46 W
Flux	4840 lm	5200 lm	2175 lm	2316 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (typ.)			
Color tolerance	MacAdam 4SDCM			
Service life	L70(6K) > 36000h			
Beam			102°	102°
Efficiency			45%	45%
Efficacy	121 lm/W	130 lm/W	47 lm/W	50 lm/W

46 W



cd/klm

	3000 K			α=102°		4000 K			α=102°
	H m	Ø m	EMax lux	EM lux		H m	Ø m	EMax lux	EM lux
	1	2,52	884	106		1	2,52	942	113
	2	5,05	221	27		2	5,05	235	28
	3	7,57	98	12		3	7,57	105	13
	4	10,09	55	7		4	10,09	59	7
	5	12,62	35	4		5	12,62	38	5

Tagora suspension 570 Fluo

Black/Green | Black/Blue | Black/Orange | Grey/White | Beige/White

TC-LEL (2G11) Direct emission

W	Weight	Beam	Flux
4x36 W	6,70 kg	106°	11600 lm

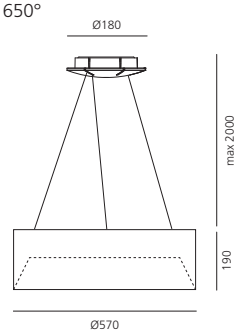
Color	non dimmable Code	+ emergency 1h Code
	M016810	M016817
	M016860	M016867
	M016820	M016827
	M016840	M016847
	M016830	M016837

Dali-SwitchDim

Color	Code
	M016811
	M016861
	M016821
	M016841
	M016831

220/240Vac 50/60Hz electronic ballast included.

IP40 ⏚
650°



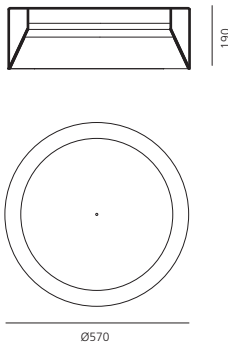
TC-LEL (2G11) Direct + indirect emission

W	Weight	Beam	Flux
4x36 W	6,70 kg	106°	11600 lm

Color	non dimmable Code	+ emergency 1h Code
	M016910	M016917
	M016960	M016967
	M016920	M016927
	M016940	M016947
	M016930	M016937

Dali-SwitchDim

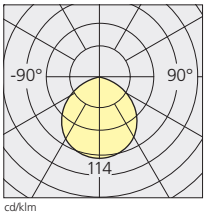
Color	Code
	M016911
	M016961
	M016921
	M016941
	M016931



220/240Vac 50/60Hz electronic ballast included.

Single power supply for both direct and indirect emission..

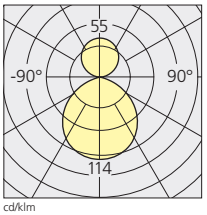
4x36 W/11600 lm — **Efficiency 30%** — 106°



cd/klm

H m	Ø m	EMax lux	EM lux
1	2,58	1364	157
2	5,16	341	39
3	7,74	152	17
4	10,31	85	10
5	12,89	55	6

4x36 W/11600 lm — **Efficiency 41%** — 106°



cd/klm

H m	Ø m	EMax lux	EM lux
1	2,66	1239	135
2	5,33	310	34
3	7,99	138	15
4	10,65	77	8
5	13,32	50	5

Tagora suspension 970 LED

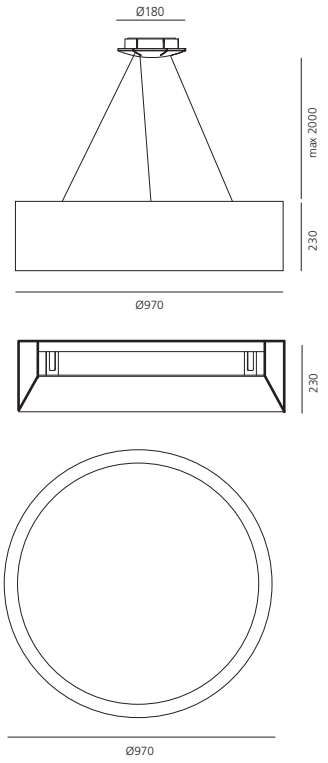
Black/Green | Black/Blue | Black/Orange | Grey/White | Beige/White

LED Direct emission

W	Weight	Beam	Flux	CCT	Color	Dali-SwitchDim Code
116 W	21,50 kg	102°	6171 lm	3000 K		M248811
						M248861
						M248821
						M248841
						M248831
			6630 lm	4000 K		M248911
						M248961
						M248921
						M248941
						M248931

220/240Vac 50/60Hz electronic ballast included.

IP40 ⏚ 650°



LED Direct + indirect emission

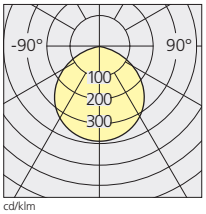
W	Weight	Beam	Flux	CCT	Color	Dali-SwitchDim Code
122 W	21,50 kg	108°	6930 lm	3000 K		M250811
						M250861
						M250821
						M250841
						M250831
			6930 lm	4000 K		M250911
						M250961
						M250921
						M250941
						M250931

220/240Vac 50/60Hz electronic ballast included.

Tagora 970 LED

	LED direct		luminaire direct	
Power	100 W	100 W	116 W	116 W
Flux	12100 lm	13000 lm	6171 lm	6630 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (typ.)			
Color tolerance	MacAdam 4SDCM			
Service life	L70(6K) > 36000h			
Beam			102°	102°
Efficiency			51%	51%
Efficacy	121 lm/W	130 lm/W	53 lm/W	57 lm/W

116 W

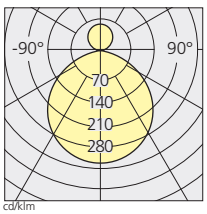


cd/klm

3000 K α=102°				4000 K α=102°			
H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	2,79	2091	554	1	2,79	2091	554
2	5,58	523	139	2	5,58	523	139
3	8,38	232	62	3	8,38	232	62
4	11,17	131	35	4	11,17	131	35
5	13,96	84	22	5	13,96	84	22

	LED direct/indirect		luminaire direct/indirect	
Power	108 W	108 W	122 W	122 W
Flux	15600 lm	15600 lm	6930 lm	6930 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (typ.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(6K) > 50000h			
Beam			108°	108°
Efficiency			44%	44%
Efficacy	144 lm/W	144 lm/W	57 lm/W	57 lm/W

122 W



cd/klm

3000 K α=108°				4000 K α=108°			
H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	2,79	2091	554	1	2,79	2091	554
2	5,58	523	139	2	5,58	523	139
3	8,38	232	62	3	8,38	232	62
4	11,17	131	35	4	11,17	131	35
5	13,96	84	22	5	13,96	84	22

Tagora suspension 970 Fluo

Black/Green | Black/Blue | Black/Orange | Grey/White | Beige/White

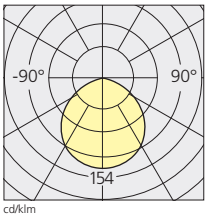
T16 (G5) Direct emission

W	Weight	Beam	Flux	Color	non dimmable Code	Dali-SwitchDim Code
4x24 W + 4x39 W	21,00 kg	112°	19400 lm		M019910	M019911
					M019960	M019961
					M019920	M019921
					M019940	M019941
					M019930	M019931

220/240Vac 50/60Hz electronic ballast included.

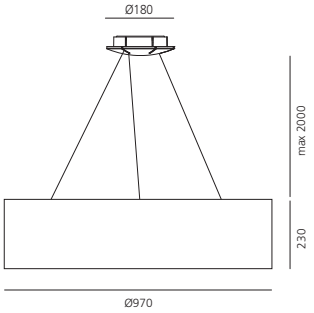
IP40 ⏚ 650°

4x24W+4x39W/19400 lm **Efficiency 43%** 112°



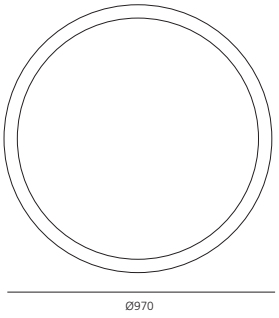
cd/klm

H m	Ø m	EMax lux	EM lux
1	2,98	2978	258
2	5,95	745	65
3	8,93	331	29
4	11,91	186	16
5	14,88	119	10



T16 (G5) Direct + indirect emission

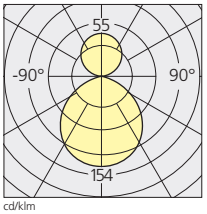
W	Weight	Beam	Flux	Color	non dimmable Code	Dali-SwitchDim Code
4x24 W + 4x39 W	21,00 kg	112°	19400 lm		M020110	M020111
					M020160	M020161
					M020120	M020121
					M020140	M020141
					M020130	M020131



220/240Vac 50/60Hz electronic ballast included.

Single power supply for both direct and indirect emission.

4x24W+4x39W/19400 lm **Efficiency 59%** 112°



cd/klm

H m	Ø m	EMax lux	EM lux
1	2,98	2978	258
2	5,95	745	65
3	8,93	331	29
4	11,91	186	16
5	14,88	119	10

Ourea 156

Studio Artemide
2013

- A range of ceiling and suspension lights using high-performing led, metal-halide, fluorescent and 12 V halogen lamps.
- Aluminium body.
- Beam angles: 16°, 36°.
- Well defined, narrow beams thanks to a hybrid optic system.
- Super pure aluminium optics and protection glass with hit version.
- Fluorescent version comes with a prismoptic diffuser, and an optional blue filter that provides a decorative peripheral lighting effect.
- Available in warm white (3000K) and neutral white (4000K) – RA=80.
- Electronic or dimmable electronic driver.
- Steel suspension cables allowing quick adjustment.
- Compliant to standard EN62471, EN60598-1 and other specific regulations.

Ourea 156 LED ceiling

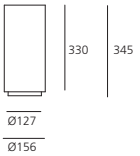
White ○

LED

W	Weight	Beam	Flux	CCT	Color	non dimmable Code	Dali-SwitchDim Code
36 W	2,95 kg	16°	2072 lm	3000 K	○	M174220	M174221
			2217 lm	4000 K	○	M174320	M174321
		36°	1900 lm	3000 K	○	M175820	M175821
			2032 lm	4000 K	○	M175920	M175921

220/240Vac 50/60Hz electronic ballast included.

IP20 ⏚ 850°



QR111 (G53)

W	Weight	Beam	Color	Code
12V max100W	2,30Kg	52°	○	M157520

retrofit ▶ LED AR111 (G53) 12V 12W

QR111 halogen version with Integral electronic transformer
35-105W, 230-240V/12V.
Dimmable by trailing edge external dimmers.

HIT-CE (G12)

W	Weight	Beam	Flux	Color	Code
35W	2,50Kg	46°	3300lm	○	M157420
		66°		○	M157620
70W	2,50Kg	46°	6600lm	○	M157720
		66°		○	M157820

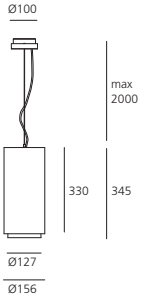
Ourea 156 LED suspension

LED

W	Weight	Beam	Flux	CCT	Color	non dimmable Code	Dali-SwitchDim Code
36 W	3,40 kg	16°	2072 lm	3000 K	○	M175420	M175421
			2217 lm	4000 K	○	M175520	M175521
		36°	1900 lm	3000 K	○	M175620	M175621
			2032 lm	4000 K	○	M175720	M175721

220/240Vac 50/60Hz electronic ballast included.

IP20 ⏚ 850°



QR111 (G53)

W	Weight	Beam	Color	Code
12V max100W	2,30Kg	52°	○	M178820

retrofit ▶ LED AR111 (G53) 12V 12W

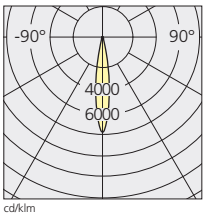
QR111 halogen version with Integral electronic transformer
35-105W, 230-240V/12V.
Dimmable by trailing edge external dimmers.

HIT-CE (G12)

W	Weight	Beam	Flux	Color	Code
35W	2,50Kg	46°	3300lm	○	M178920
		66°		○	M179020
70W	2,50Kg	46°	6600lm	○	M179120
		66°		○	M179220

Ourea 156 LED	LED		luminaire	
Power	31 W	31 W	36 W	36 W
Flux	3454 lm	3695 lm	2072 lm	2217 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(6K) > 36000h			
Beam			16°	16°
Efficiency			55%	55%
Efficacy	111lm/W	119lm/W	54 lm/W	58 lm/W

36 W 3000 K α=16° | 4000 K α=16°

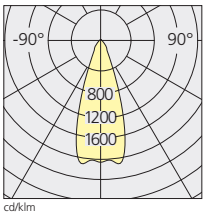


cd/klm

H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	0,28	15922	9923	1	0,28	17037	10618
2	0,57	3981	2481	2	0,57	4259	2654
3	0,85	1769	1103	3	0,85	1893	1180
4	1,14	995	620	4	1,14	1065	664
5	1,42	637	397	5	1,42	681	425

	LED		luminaire	
Power	31 W	31 W	36 W	36 W
Flux	3454 lm	3695 lm	1900 lm	2032 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	>80 (min.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(6K) > 36000h			
Beam			36°	36°
Efficiency			55%	55%
Efficacy	111lm/W	119lm/W	54 lm/W	58 lm/W

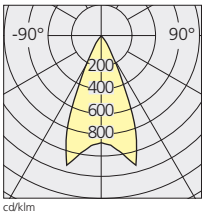
36 W 3000 K α=36° | 4000 K α=36°



cd/klm

H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	0,67	3872	2592	1	0,67	4143	2773
2	1,33	968	648	2	1,33	1036	693
3	2,00	430	288	3	2,00	460	308
4	2,66	242	162	4	2,66	259	173
5	3,33	155	104	5	3,33	166	111

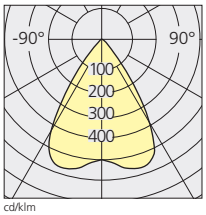
35 W/3300 lm Efficiency 72% α=46°



cd/klm

H m	Ø m	EMax lux	EM lux
1	0,82	3435	1804
2	1,65	859	451
3	2,47	382	200
4	3,30	215	113
5	4,12	137	72

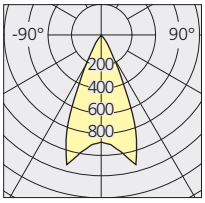
35 W/3300 lm Efficiency 77% α=66°



cd/klm

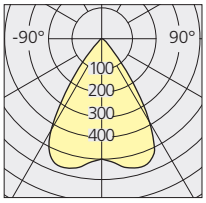
H m	Ø m	EMax lux	EM lux
1	1,30	1141	788
2	2,61	285	197
3	3,91	127	88
4	5,22	71	49
5	6,52	46	32

70 W/6600 lm Efficiency 67% α=46°



H m	Ø m	EMax lux	EM lux
1	0,86	5928	2883
2	1,72	1482	721
3	2,58	659	320
4	3,45	370	180
5	4,31	237	115

70 W/6600 lm Efficiency 71% α=66°



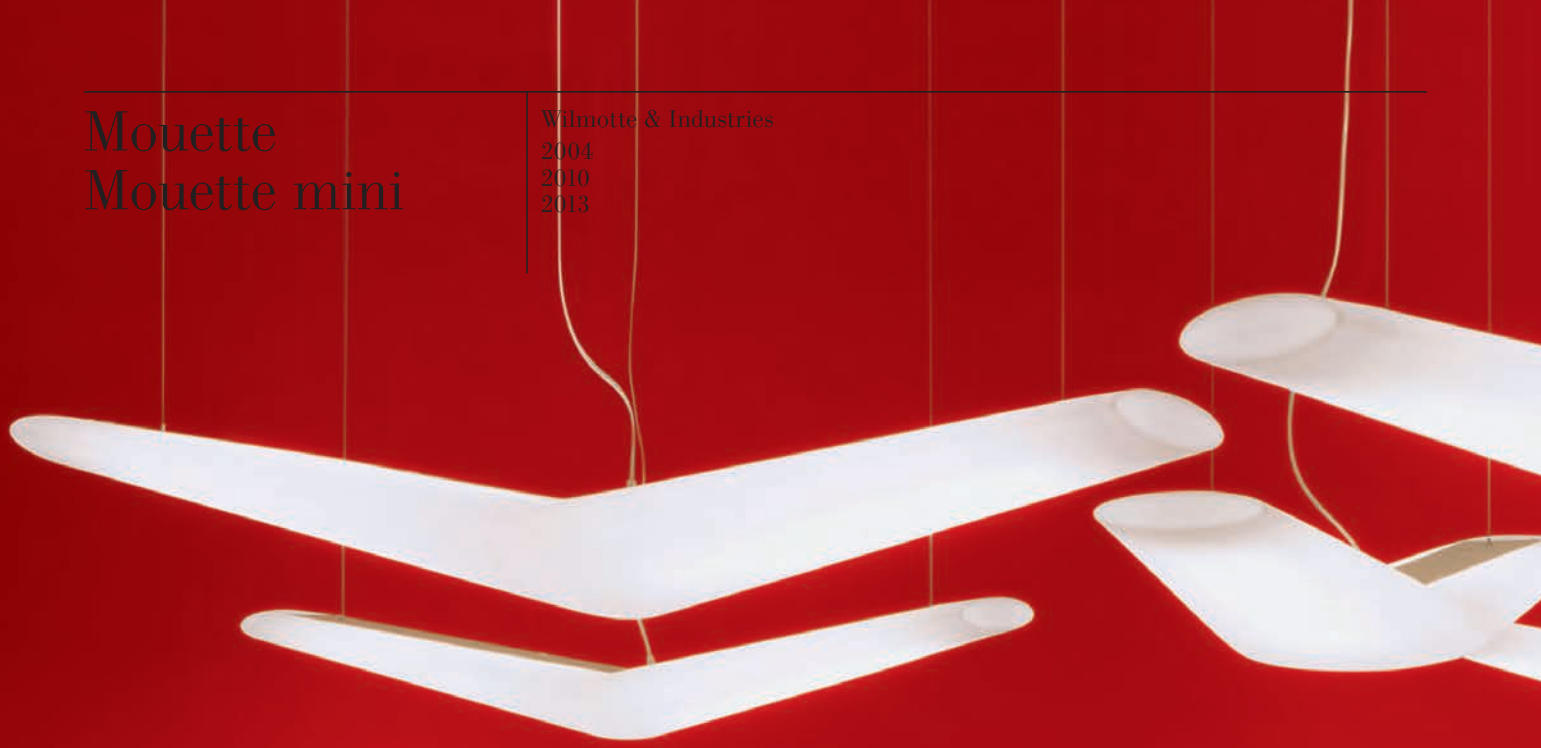
H m	Ø m	EMax lux	EM lux
1	1,35	2553	1294
2	2,70	638	324
3	4,05	284	144
4	5,40	160	81
5	6,75	102	52

Grisenti
CLE
B.C.D.
CLE

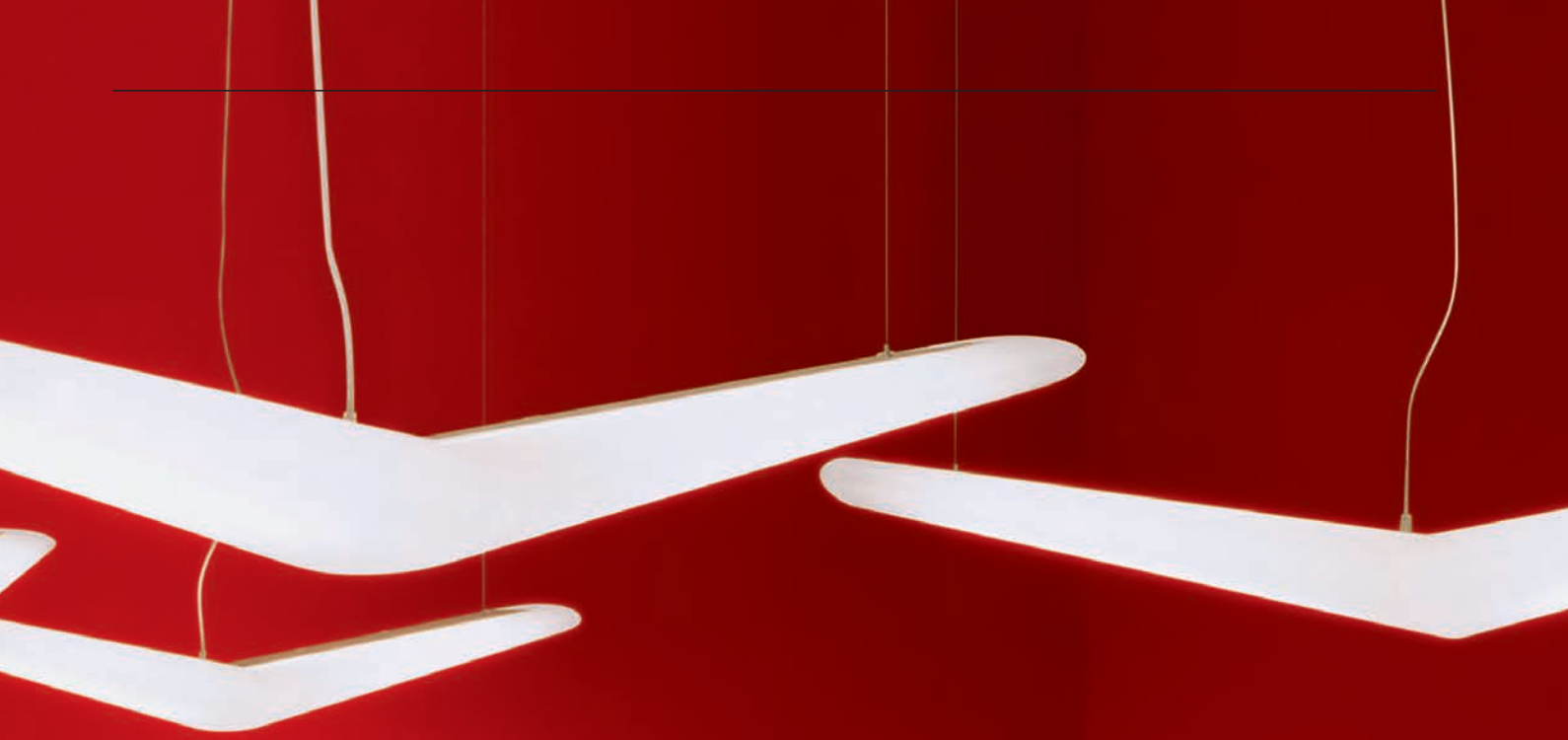
Centro Studi dello Studentato Universitario di Trento, Trento (Italy)
Studio Palerm & Tabares de Nava S.L. Arquitectos, Photo: Federico Villa

Mouette
Mouette mini

Wilmotte & Industries
2004
2010
2013



- Suspension light fitting with diffused emission using 24w and 54w T16 linear fluorescent lamps (Mouette) and 2x36w (Mouette mini).
- Versions: Mouette symmetric, Mouette asymmetric, Mouette mini.
- Solid opal diffuser in moulded polypropylene.
- Luminous flux distribution: 74% in direct emission, 26% in indirect emission.
- Mouette: electronic or integrated DSI dimmable electronic ballast.
- Mouette mini: electronic ballast in a specific power-supply holder in injection moulded thermoplastic material, located along the suspension cable.
- The upper structure of the light fitting presents an access hatch for the installation of the light sources and their replacement.
- The light fitting is equipped with quick-adjustment steel suspension cables, ceiling plate and power cable.
- Cable length: Mouette: 2m or 6m, Mouette mini: 2m.
- T16 (3000k) light sources included.
- Complies with standard EN60598-1 and other specific standards.



Mouette symmetric

Opal white
○

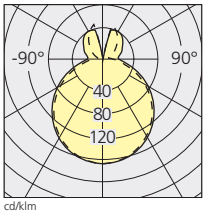
T16 (G5)				non dimmable	DSI dimmable
W	Weight	Cable length	Color	Code	Code
4x54 W	8,50 kg	1900mm	○	L864000	L864100
	8,60 kg	5900mm	○	L864050	L864150

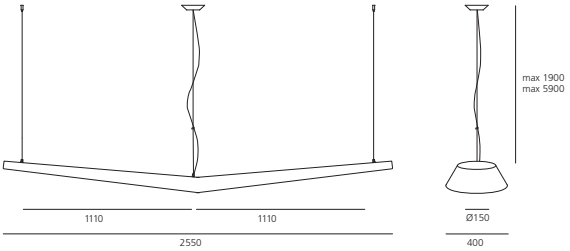
Light sources (3000K) included.
220/240Vac 50/60Hz electronic ballast included.

IP40/20 960°

T16 (G5) **216W** 17800lm

Efficiency **58%**





Mouette symmetric

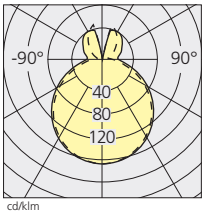
T16 (G5)				non dimmable	DSI dimmable
W	Weight	Cable length	Color	Code	Code
4x24 W	5,40 kg	1900mm	○	L860610	L860710
	5,50 kg	5900mm	○	L860650	L860750

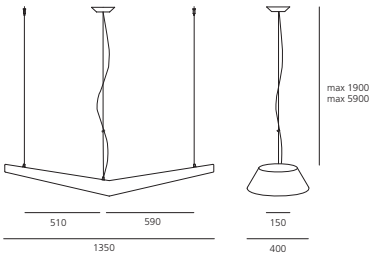
Light sources (3000K) included.
220/240Vac 50/60Hz electronic ballast included.

IP40/20 960°

T16 (G5) **96W** 7000lm

Efficiency **68%**





Mouette asymmetric

Opal white
○

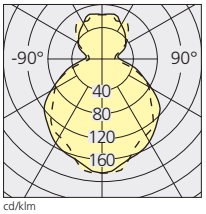
T16 (G5)				non dimmable	DSI dimmable
W	Weight	Cable length	Color	Code	Code
2x24 W	6,80 kg	1900mm	○	L860410	L860510
+					
2x54 W	6,90 kg	5900mm	○	L860450	L860550

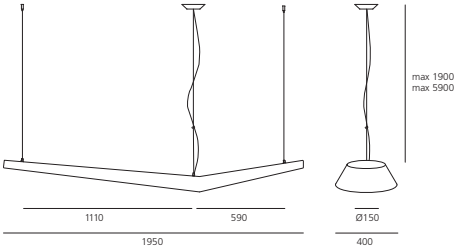
Light sources (3000K) included.
220/240Vac 50/60Hz electronic ballast included.

IP40/20 960°

T16 (G5) **156W** 12400lm

Efficiency **67%**





Mouette mini

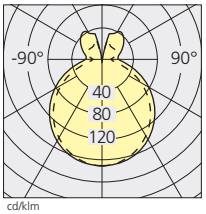
TC-LEL (2G11)				non dimmable
W	Weight	Cable length	Color	Code
2x36 W	3,50 kg	1900mm	○	L860810

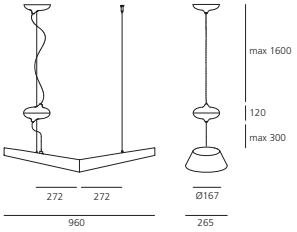
Light sources (3000K) included.
220/240Vac 50/60Hz electronic ballast included.

IP40/20 960°

TC-LEL (2G11) **72W** 5600lm

Efficiency **71%**

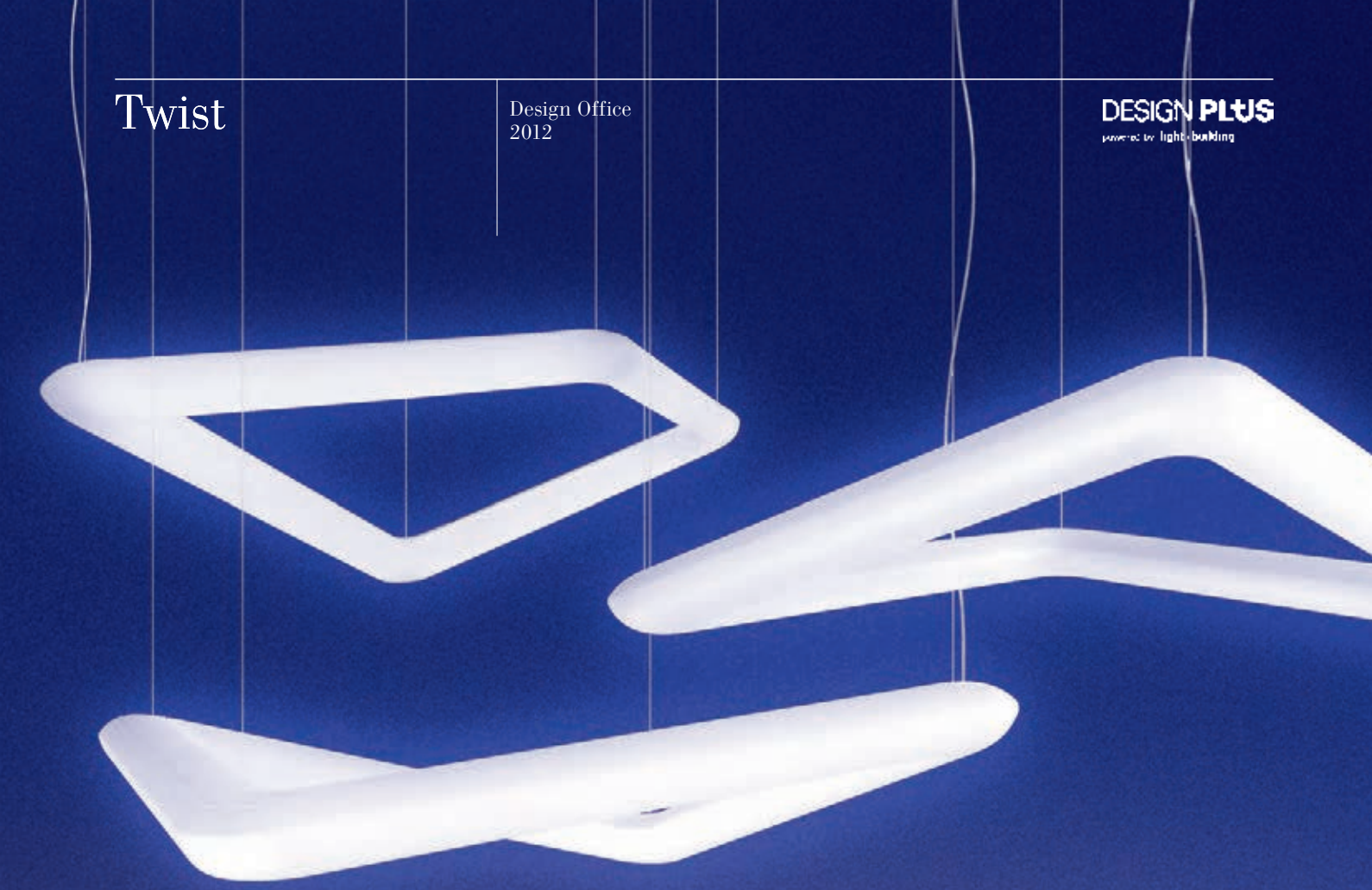




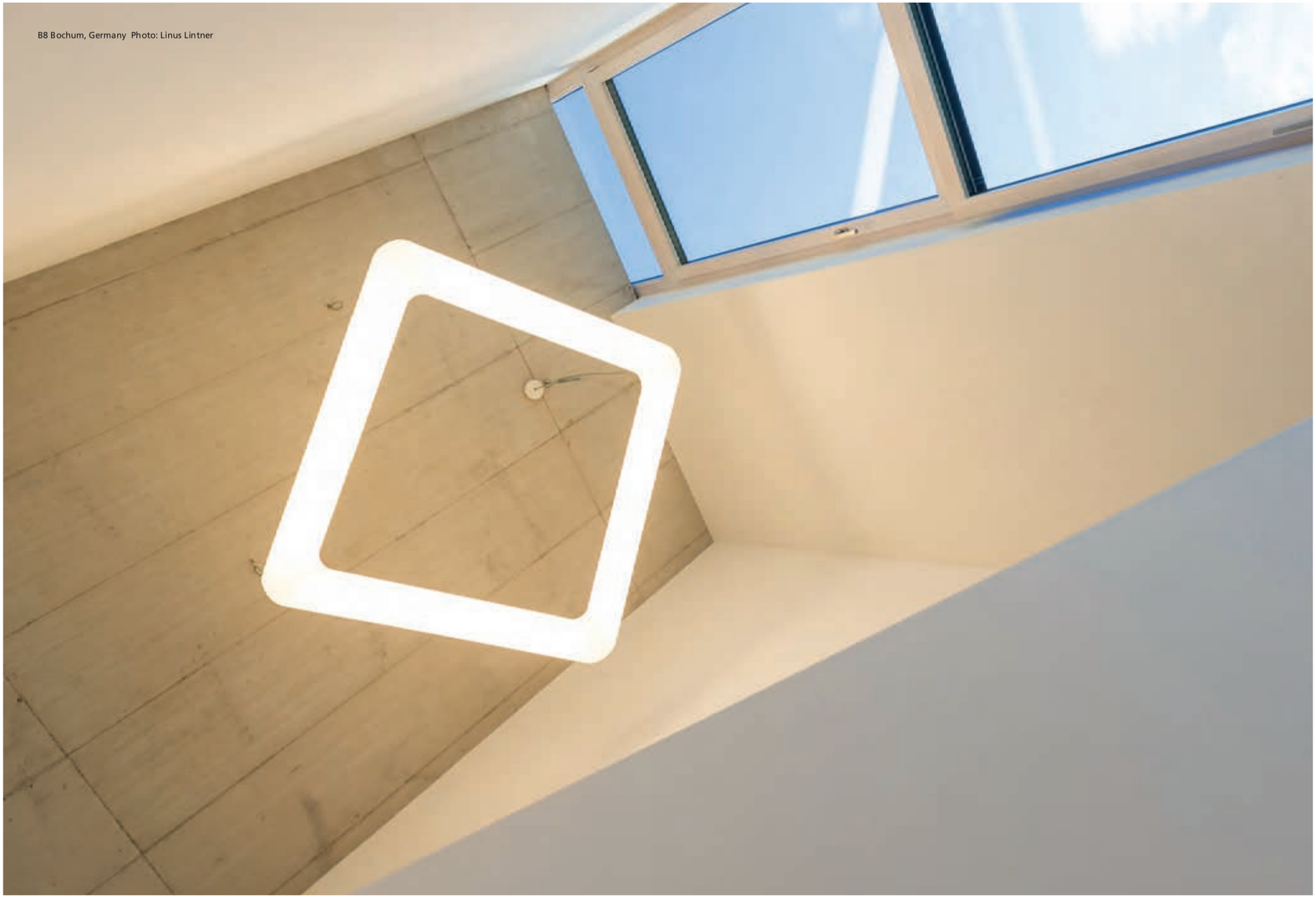
Twist

Design Office
2012

DESIGN PLUS
powered by light+building



- Twist is a pendant light using T16-Seamless fluorescent tubes.
- The luminaire consists of a one-piece rotomoulded opaline diffuser in polyethylene and ballast-holder in extruded aluminium.
- Lamp maintenance is particularly easy: lamps are accessed individually from above each side without the need to remove the diffuser.
- Electronic and dimmable electronic control gear (Dali).
- Quick adjustment 6m-long steel suspension cables.
- Thanks to the use of a specific mechanical connector that can be attached to one or more corners of the luminaire, various light shapes can be created: in line, clusters or in a random pattern.
- Light sources to be ordered separately.
- Complies with standard EN60598-1 and other specific standards.



B8 Bochum, Germany Photo: Linus Lintner

Twist

Opal white
○

T16 -SLS (G5)			
W	Weight	Flux	Color
8x54 W	16,00 kg	35600 lm	○
8x28 W	16,00 kg	20800 lm	○

Non dimmable	Dimmable Dali
Code	Code
M240100	M240101
	M240101

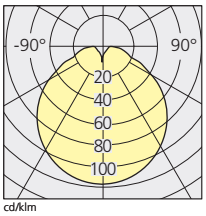
220/240Vac 50/60Hz electronic ballast included.

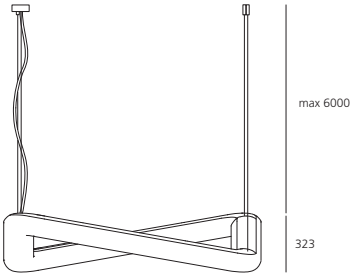
IP40/20 ⏚ 650°

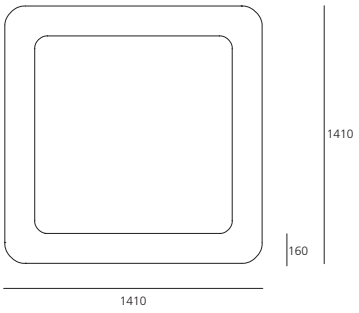
T16-SLS

Efficiency 61%

8x28 W	20880 lm
8x54 W	35600 lm







Absolu

Design office
2010

- Single pendant luminaire with diffused lighting using 54 W T16-Seamless fluorescent lamps.
- 2 length options: 2400 mm (2x54 W) and 4800 mm (4x54 W).
- Continuous solid diffuser in opaline polycarbonate.
- Structure made from extruded aluminium.
- T16-seamless equipment gives a uniform light emission without shadows.
- A simple locking/unlocking system with smart hinge allows for easy lamp maintenance.
- Electronic ballast or dali-switchdim dimmable multiwatt electronic ballast.
- Luminaire comes complete with 6m-long quick-adjustment steel suspension cables, ceiling plate and power cable.
- Complies with standard EN60598-1 and other specific standards.

Absolu

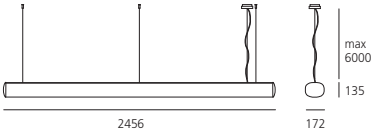
Opal white
○

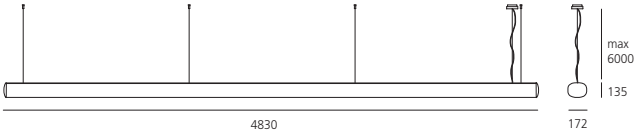
T16-Seamless (G5)				
W	Flux	Length		Color
2x54W	8900 lm	2456mm	9,50Kg	○
2x28W	5200 lm	2456mm	9,50Kg	○
4x54W	17800 lm	4830mm	18,50Kg	○
4x28W	10400 lm	4830mm	18,50Kg	○

Non dimmable	Dali-SwitchDim
Code	Code
M113300	M113301
	M113301
M113400	M113401
	M113401

220/240Vac 50/60Hz electronic ballast included.
Absolu M113401 light fittings are equipped with 2 power supplies and therefore occupy 2 DALI addresses.

IP40 ⏚ 850°

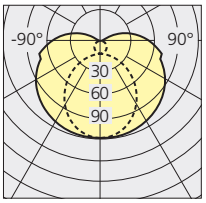




T16

Efficiency 69%

2x28W	5200lm
2x54W	8900lm
4x28W	10400lm
4x54W	17800lm

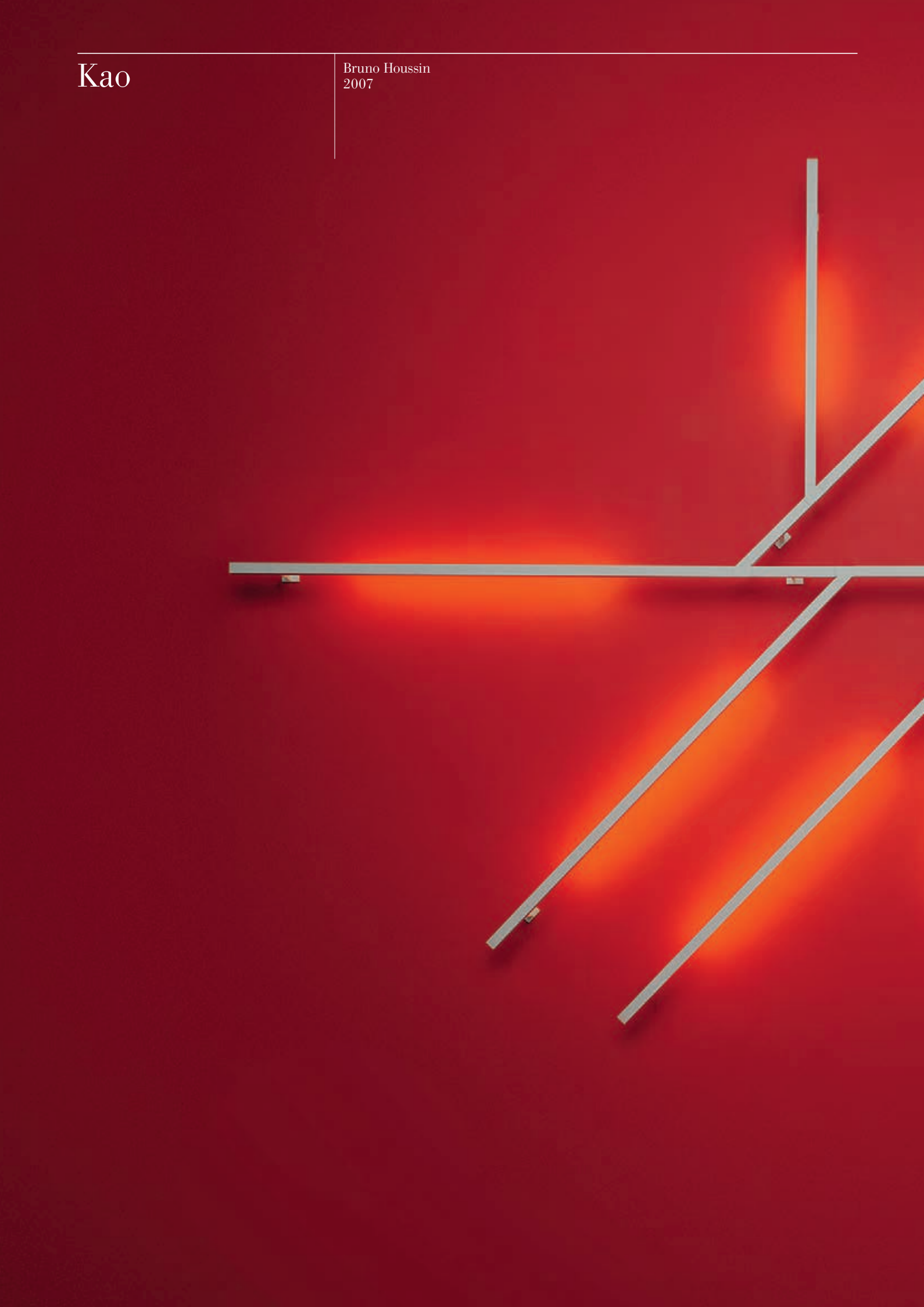


Light sources

Fluorescent tube **T16-Seamless (G5)** (1 piece)	Code
54W	
3000K	M004800
4000K	M004805
28W	
3000K	M004810
4000K	M004815

Kao

Bruno Houssin
2007



reddot design award
best of the best 2009

- Series of suspended lighting structures with indirect lighting using 24W and 54W T16 fluorescent lamps, intended to illuminate of spaces such as entrance halls, reception areas, corridors, meeting rooms, etc.
- 4 standard versions.
- Luminaires are made from aluminium with white paint finish.
- 40x40mm square section modules.
- Each structure consists of pre-assembled and pre-wired sub-units.
- Electrical connection is made via quick connectors.
- Electronic control gear.
- 6m-long steel suspension cable.
- Dust protection screen in transparent polycarbonate.
- The kits are delivered with a drilling stencil for placing the ceiling fixing points.
- Complies with standard EN60598-1 and other specific standards.

- Series of wall- or ceiling-mounted lighting structures with indirect lighting using 24W and 54W T16 fluorescent lamps, intended to illuminate of spaces such as entrance halls, reception areas, corridors, meeting rooms, etc.
- 3 standard versions.
- Luminaires are made from aluminum with white paint finish.
- 40x40mm square section modules.
- Distance to wall or ceiling: 160mm.
- Each structure consists of pre-assembled and pre-wired sub-units.
- Electrical connection is made via quick connectors.
- Electronic control gear.
- Dust protection screen in transparent polycarbonate.
- The kits are delivered with a drilling stencil for placing the fixing points.
- Complies with standard EN60598-1 and other specific standards.

Kao suspension

○ White

Kit A

T16 (G5)

W	Weight	Flux	Code
2x24W + 2x54W	12,50Kg	3500 lm +8900 lm	M119120

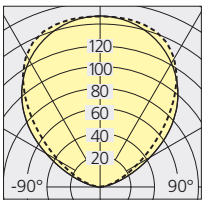
220/240Vac 50/60Hz electronic ballast included.

IP20 ⏚
850°

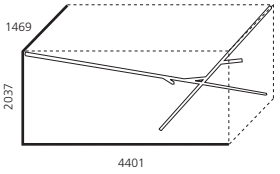
T16

Efficiency 34%

2x24 W	3500 lm
2x54W	8900 lm



cd/klm
C0 - C180
C90 - C270



Kit B

T16 (G5)

W	Weight	Flux	Code
1x24W + 1x54W	10,50Kg	1750 lm +4450 lm	M119220

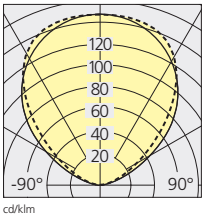
220/240Vac 50/60Hz electronic ballast included.

IP20 ⏚
850°

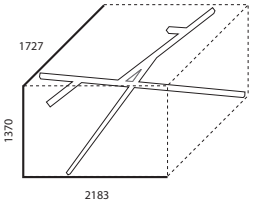
T16

Efficiency 34%

1x24 W	1750 lm
1x54 W	4450 lm



cd/klm
C0 - C180
C90 - C270



Kao suspension

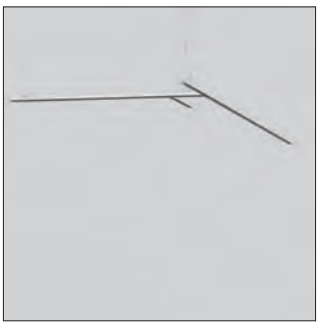
○
White

Kit C

T16 (G5)

W	Weight	Flux	Code
2x54W	8,80Kg	8900 lm	M119320

220/240Vac 50/60Hz electronic ballast included.

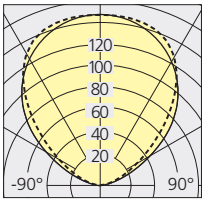


IP20
850°

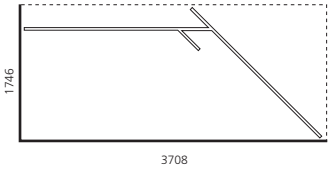
T16

Efficiency 34%

2x54 W 8900 lm



cd/klm
C0 - C180
C90 - C270

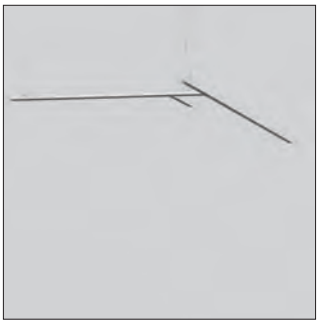


Kit D

T16 (G5)

W	Weight	Flux	Code
2x54W	8,80Kg	8900 lm	M119420

220/240Vac 50/60Hz electronic ballast included.

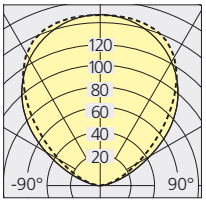


IP20
850°

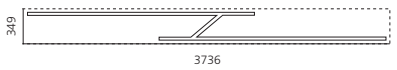
T16

Efficiency 34%

2x54 W 8900 lm



cd/klm
C0 - C180
C90 - C270



Kao wall/ceiling

○ White

Kit E

T16 (G5)

W	Weight	Flux	Code
4x54W	16,00Kg	17800 lm	M113020

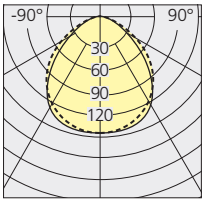
220/240Vac 50/60Hz electronic ballast included.

IP20 ⏚
850°

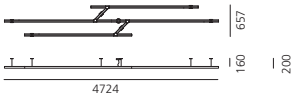
T16

Efficiency 34%

4x54 W 17800 lm



cd/klm
C0 - C180
C90 - C270



Kit F

T16 (G5)

W	Weight	Flux	Code
3x54W + 2x24W	16,00Kg	13350 lm +3500 lm	M113120

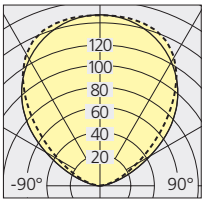
220/240Vac 50/60Hz electronic ballast included.

IP20 ⏚
850°

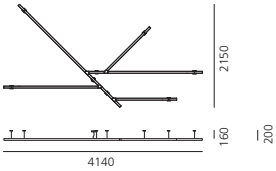
T16

Efficiency 34%

2x24 W 3500 lm
3x54 W 13350 lm



cd/klm
C0 - C180
C90 - C270



Kao wall/ceiling

○
White

Kit G

T16 (G5)

W	Weight	Flux	Code
6x54W + 2x24W	25,70Kg	26700 lm +3500 lm	M113220

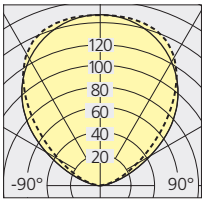
220/240Vac 50/60Hz electronic ballast included.

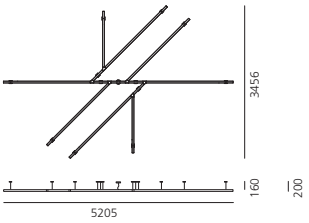
IP20 ⏚
850°

T16

Efficiency 34%

2x24 W	3500 lm
6x54 W	26700 lm





Tray

2007

- Light fixture with fluorescent T5 light sources.
- Ceiling mounting.
- Consist of: body, diffuser, diffuser fixing bracket, ceiling plate.
- Body in injection mould of aluminium.
- Sand glass diffuser, 4mm-thick.
- Diffuser fixing bracket in aluminium.
- Ceiling mounting plate in aluminium.
- Integrated drivers.
- Fluorescent tubes not included.
- IP Rating IP65.
- Insulation class I.
- Technical features of light fixtures in compliance with EN60598-1.
- Installation must be carried out by specialized personnel.
- Carefully follow the instructions.

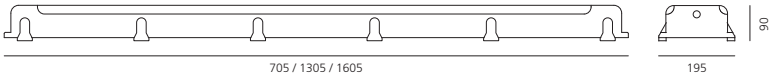
Tray

Silver

W	Weight	Source	Color	Non dimmable Code	Dali Code
2 x 24W	4,50 kg	T16 (G5)		NL398002	NL398102
2 x 54W	7,70 kg	T16 (G5)		NL504002	NL504102
2 x 49W	8,60 kg	T16 (G5)		NL4591020	NL4591120
Suspension kit				NL132202	

220/240Vac 50/60Hz electronic ballast.

IP65

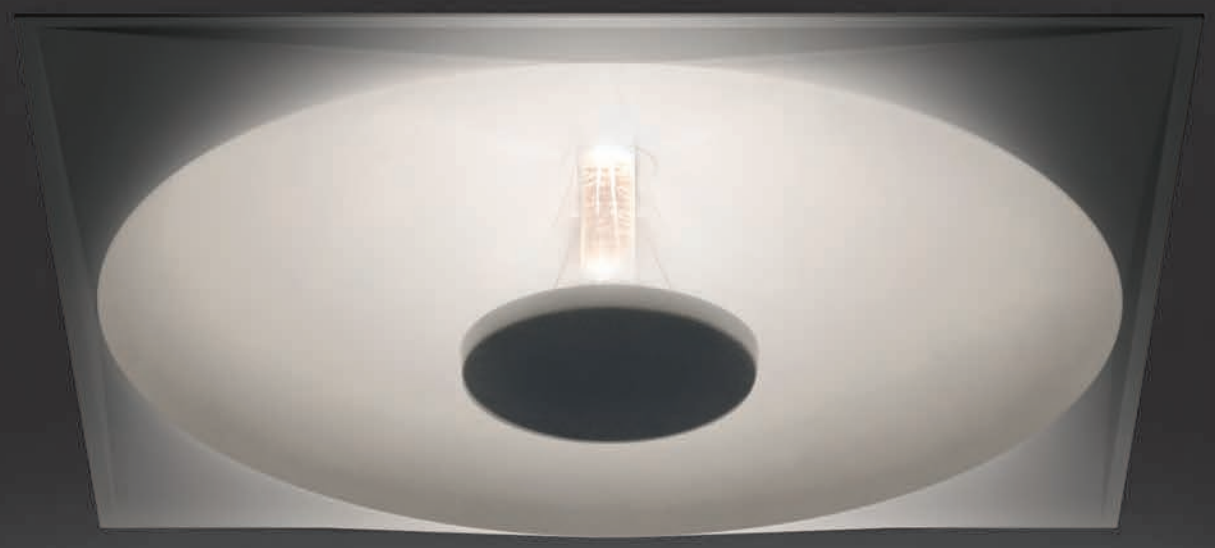


Solar LED

Eric Solé
2013

reddot design award
2013

Solar LED is a recessed light fitting producing a soft, high-output light. High efficiency and light quality are achieved by an innovative optical system based on the principles of a lighthouse. The ‘lighthouse’ optic directs all LED luminous flux to a bespoke, highly-reflective surface. The light is then redirected on to the luminaire body, which is finished in a highly-efficient diffusing paint. The result is a diffused, comfortable, soft light emission, with a highly efficient performance.



Solar LED

- Installation on modular false ceiling (600x600mm and 625x625mm) with visible supporting structure or, by means of a suspension kit, with concealed structure.
- Installation also possible in plasterboard ceiling by means of a recessing frame (available as accessory).
- Suspension kits and frames need to be ordered separately.
- Electronic power supply, or dimmable electronic power supply.
- Compliant with the standard EU60598-1 and other specific regulations.

Solar LED

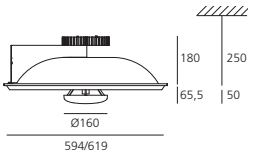
Glossy white ○

W	Weight	Ceiling	Flux	CCT	Color	Non dimmable Code	Dali-SwitchDim Code
49 W	5,46 kg	600x600 mm	2538 lm	3000 K	○	M033500	M033501
			2670 lm	4000 K	○	M033600	M033601
	5,50 kg	625x625 mm	2538 lm	3000 K	○	M033700	M033701
			2670 lm	4000 K	○	M033800	M033801

220/240Vac 50/60Hz electronic ballast included.

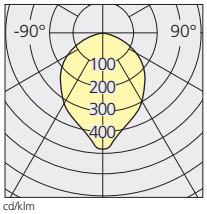
IP20

650°



Solar LED	LED		luminaire	
Power	42 W	42 W	49 W	49 W
Flux	4200 lm	4450 lm	2538lm	2670 lm
CCT	3000 K	4000 K	3000 K	4000 K
CRI	=80 (min.)			
Color tolerance	MacAdam 3SDCM			
Service life	L70(6K) > 36000h			
Beam			52°	52°
Efficiency			60%	60%
Efficacy	100 lm/W	106 lm/W	52 lm/W	54 lm/W

49 W



cd/klm

3000 K α=52°				4000 K α=52°			
H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	2,09	1156	368	1	2,09	1216	387
2	4,19	289	92	2	4,19	304	97
3	6,28	128	41	3	6,28	135	43
4	8,37	72	23	4	8,37	76	24
5	10,46	46	15	5	10,46	49	15

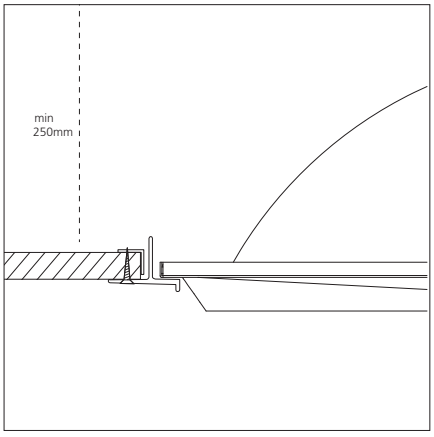
Accessories

Suspension kits (4 pieces)
To be used when the false ceiling is accessed from above.
Code: M163520

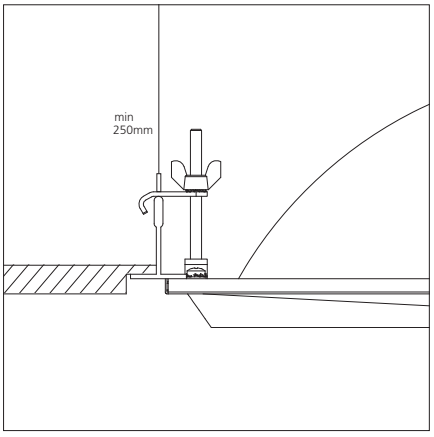
Frame for installation on plaster false ceiling
600x600 mm ⌂ 606x606 mm
0,90 Kg
Code: M160600

Frame for installation on plaster false ceiling
625x625 mm ⌂ 633x633 mm
0,94 Kg
Code: M160602

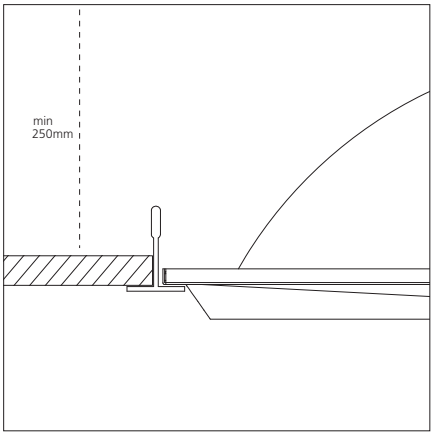
Solar LED



Installation on plasterboard false ceiling through recess frame. (M160600 or M160602), available as accessories.



Installation on panel false ceilings 600x600 mm or 625x625 with appropriate brackets (M163520, to be ordered separately), on a recessed structure.

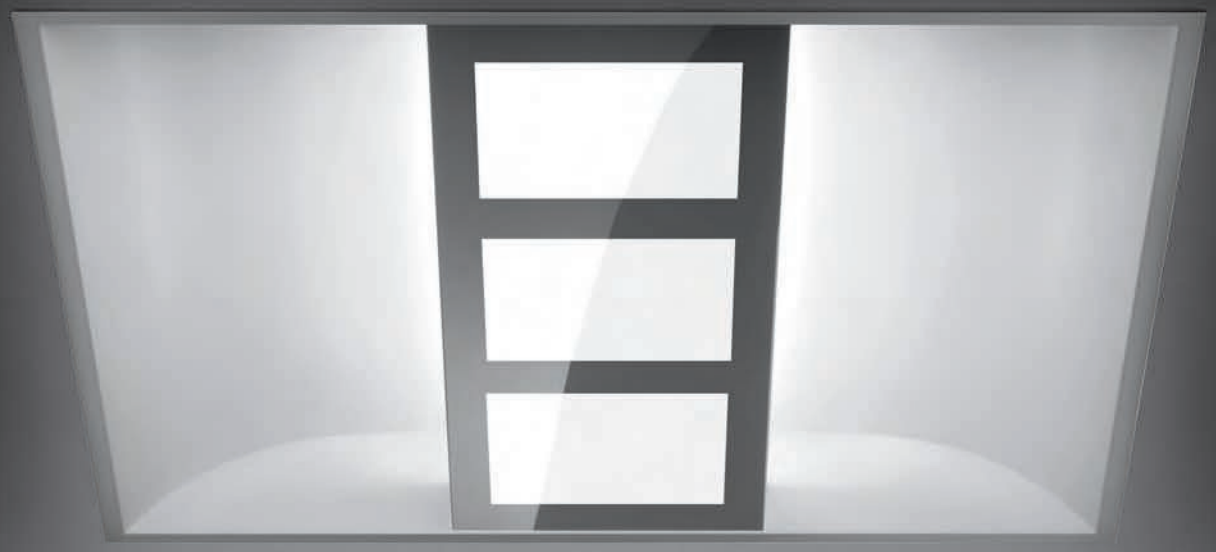


Installation on panel false ceiling 600x600 mm or 625x625 mm with exposed supporting framework.

HQ' Maserati - Modena (Italien)
Arch: Studio Architects & Designers

Bolero

Studio Artemide
2007



- Recessed luminaire using 2x55w TC-LEL fluorescent lamps.
- Main reflector in steel with a white paint finish.
- Polished aluminium screen equipped with a prismoptic polycarbonate diffuser.
- For installation into false ceiling systems with 600x600mm and 625x625mm modules, or into plasterboard false ceilings using a special recessing frame (optional).
- Lamps can be serviced without the need for tools.
- Electronic or Dali-SwitchDim dimmable electronic ballast.
  Optional emergency lighting.
- Complies with standard EN60598-1 and other specific standards.

Bolero

White
○

TC-LEL **(2G11)**

W	Weight	Ceiling	Flux	Color
2x55 W	6,90Kg	600x600 mm	9600 lm	○
	7,30Kg	625x625 mm	9600 lm	○

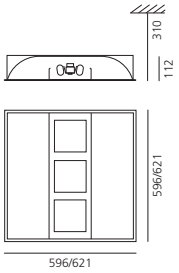
Non dimmable	
Color	Code
○	M162400
○	M162402

+ emergency 1h
Code
M162407

Dali-SwitchDim	
Color	Code
○	M162401
○	M162421

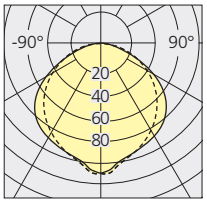
220/240Vac 50/60Hz electronic ballast included

IP20 ⏚ 850°

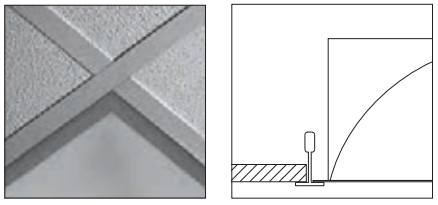


TC-LEL

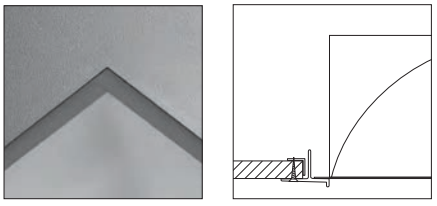
Efficiency 30% **2x55W** 9600 lm



cd/klm



Installation with luminaire incorporated into the 600/625 modular ceiling structure.



Installation into plaster ceiling with optional recess frame (**M160600** or **M160602**).

Accessories

	Code
Recess frame for installation into plaster false ceiling 600x600mm ⌜⌟ 606x606mm 0,90 kg	M160600
Recess frame for installation into plaster false ceiling 625x625mm ⌜⌟ 633x633mm 0,94 kg	M160602

Kalifa recessed

Ernesto Gismondi
2005

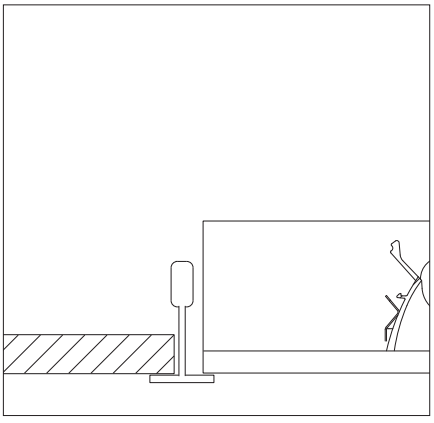
- A range of recessed luminaires using fluorescent lamps, available in 2 versions: soft light (2x55w TC-LEL), and combined emission dark light + diffuser (4x24 W T16).
- Suitable for installation into false ceiling systems with 600x600mm and 625x625mm modules, or into plasterboard false ceilings using a special recessing frame (optional).
- Electronic or dali-switchdim dimmable electronic ballast, or emergency lighting.
- Complies with standard EN60598-1 and other specific standards.

Soft light

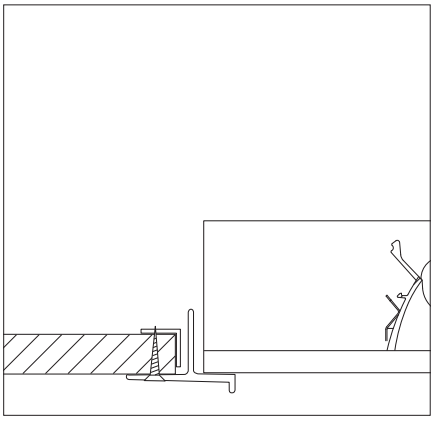
- Steel main reflector, with white paint finish. 4mm thick screen-printed tempered glass.

Dark light + Diffuser

- Body in galvanized steel. 4mm thick screen-printed tempered diffusing glass. Dark light optics.



Installation with luminaire incorporated into the 600/625 modular ceiling structure.



Installation into plaster ceiling with optional recess frame (M160600 or M160602).

Kalifa recessed soft light

White
○

TC-LEL (2G11)

W	Weight	Ceiling	Flux	Color
2x55 W	9,90 kg	600x600 mm	9600 lm	○
	10,30 kg	625x625 mm	9600 lm	○

220/240Vac 50/60Hz electronic ballast included

Non dimmable

Code
M160400
M160402

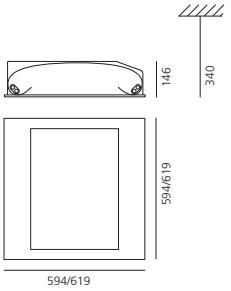
Dali-SwitchDim

Color	Code
○	M160401
○	M160421

+ emergency 1h

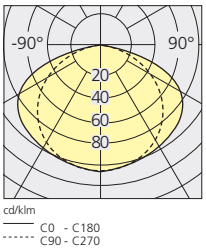
Code
M160407

IP40/**IK**10(20j) ⏚ 850°



TC-LEL

Efficiency 34% **2x55 W** 9600 lm



cd/klm
C0 - C180
C90 - C270

Components

Code
M160600

Recess frame for installation on plasterboard false ceiling.
600x600mm ⌐ 606x606mm
0,90kg

Code
M160602

Recess frame for installation on plasterboard false ceiling.
625x625mm ⌐ 633x633mm
0,94kg

Kalifa recessed dark light + diffuser

White ○

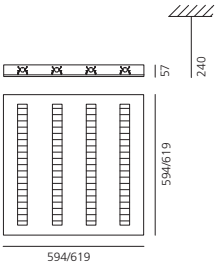
T16 (G5) — **Non dimmable** — **+ emergency 1h**

W	Weight	Ceiling	Flux	Color	Code	Code
4x24 W	9,20 kg	600x600 mm	7000 lm	○	M160700	M160707
	9,60 kg	625x625 mm	7000 lm	○	M160702	

T16 (G5) — **Dali-SwitchDim**

W	Weight	Ceiling	Flux	Color	Code
4x14 W	9,20 kg	600x600 mm	7000 lm	○	M160701
4x24 W	9,20 kg	600x600 mm	7000 lm	○	M160701
4x14 W	9,60 kg	625x625 mm	7000 lm	○	M160721
4x24 W	9,60 kg	625x625 mm	7000 lm	○	M160721

IP40/**IK**10(20j) ⏚ 850°

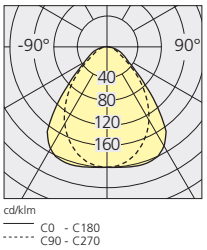


220/240Vac 50/60Hz electronic ballast included
Kalifa Recessed light fittings M160701 and M160721 are supplied with 2 power supplies, therefore they occupy 2 DALI addresses.

T16

Efficiency 37%

4x14 W	7000 lm
4x24 W	7000 lm



Components

Recess frame for installation on plasterboard false ceiling.
600x600mm ⌜⌟ 606x606mm
0,90kg

Code M160600

Recess frame for installation on plasterboard false ceiling.
625x625mm ⌜⌟ 633x633mm
0,94kg

M160602

Leb

2012

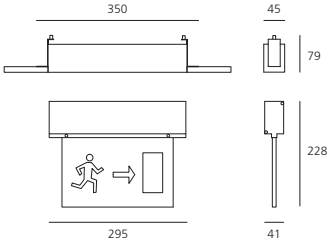
- Light fixture with high-performance LED light sources.
- Wall or ceiling installation.
- Consists of: body, polycarbonate screen, plate for emergency battery pack.
- Body in aluminium.
- Polycarbonate screen, 8mm-thick, with customizable serigraphy.
- Plate for battery pack in aluminium (emergency version only).
- Integrated driver.
- Can operate in signaling mode or emergency mode (always on or emergency only).
- Integrated emergency: battery pack, 3-hours duration (emergency version).
- IP Rating IP40.
- Insulation class I.
- Technical features of light fixtures in compliance with EN60598-1.
- Installation must be carried out by specialized personnel.
- Carefully follow the instructions.

Leb incasso

			Emergency	Signalling
W	Weight	CCT	Code	Code
2 W	0,70 kg	5000K	NL3200050W0	NL3200150W0
Middle arrow			NL32010	
Lift/right arrow			NL32011	

220/240Vac 50/60Hz electronic ballast included.

IP40

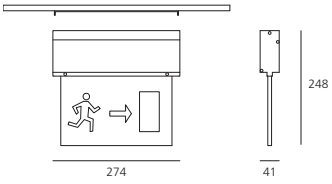


Leb soffitto

			Emergency	Signalling
W	Weight	CCT	Code	Code
2 W	0,70 kg	5000K	NL3200250W0	NL3200350W0
Middle arrow			NL32010	
Lift/right arrow			NL32011	

220/240Vac 50/60Hz electronic ballast included.

IP40

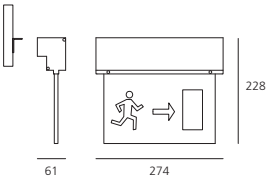


Leb parete

			Emergency	Signalling
W	Weight	CCT	Code	Code
2 W	0,70 kg	5000K	NL3200450W0	NL3200550W0
Middle arrow			NL32010	
Lift/right arrow			NL32011	

220/240Vac 50/60Hz electronic ballast included.

IP40

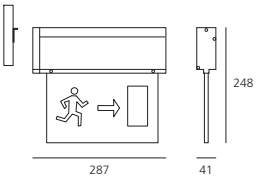


Leb bandiera

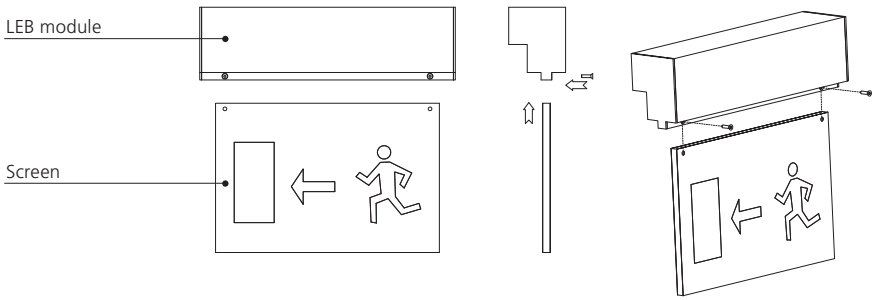
			Emergency	Signalling
W	Weight	CCT	Code	Code
2 W	0,70 kg	5000K	NL3200650W0	NL3200750W0
Middle arrow			NL32010	
Lift/right arrow			NL32011	

220/240Vac 50/60Hz electronic ballast included.

IP40



Examples of possible customisation of the screen



Starled

2001

- Light fixture with LED light sources.
- Ceiling or wall installation.
- Monochromatic light and/or RGB.
- Wall or ceiling mounting.
- Consists of electronic circuit board, electrical cable, LED, (optional) mounting element.
- Electronic circuit board or driver for powering, integrated in a plastic box (included)
- Electrical cable type Li-YY two-pole or FROR 4-poles.
- Mounting elements in plastic or chrome-brass (to be ordered separately)
- White monochromatic LEDs available in 2 colour temperatures:
  Warm = 2900K
  Neutral = 4500K
- Monochromatic LED also available in the colours Red, Green and Blue.
- Full colour RGB LED.
- Insulation class:
  Monochrome version I.
  RGB version III.
- Technical features of light fixtures in compliance with EN60598-1.
- Installation must be carried out by specialized personnel.
- Carefully follow the instructions.

Starled L. 1000 mm

W LED	Weight	Beam	CCT	Code
0,2 W	0,3 kg	20°	2900 K	NL729920K0
			4500 K	NL729920T0
		50°	2900 K	NL730050K0
			4500 K	NL730050T0
		30°	BLU	NL730130B0
			RED	NL730330R0
			GREEN	NL730230G0

Electronic ballast supplied separately

Starled L. 2000mm

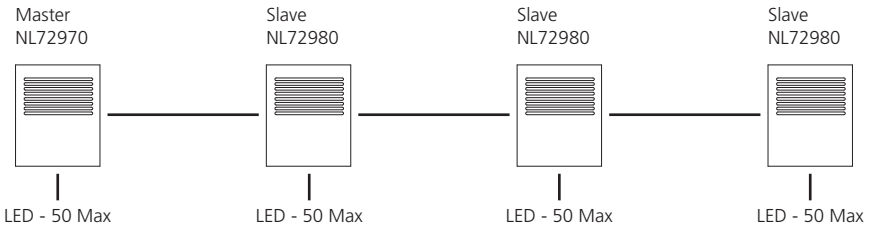
W LED	Weight	Beam	CCT	Code
0,2 W	0,5 kg	20°	2900 K	NL730720K0
			4500 K	NL730720W0
		50°	2900 K	NL730850K0
			4500 K	NL730850W0
		30°	BLU	NL730930B0
			RED	NL731130R0
			GREEN	NL731030G0

Electronic ballast supplied separately

Driver	Vac	n° devices	Code
Starled master unit 240 x 190 x 90mm	230Vac	2-50 led max	NL72970
Starled slave unit 240 x 190 x 90mm	12Vac	2-50 led max	NL72980

		Code
Plastic body	13,5ø x 14 mm	NL73130
Chrome body	24ø x 22 mm	NL73140

IP20



Starled RGB L. 2000 mm

Power LED	Weight	Beam	CCT	Code
1,44 W	0,05 Kg/m	30°	RGB	NL75210

Electronic ballast 24Vdc SELV supplied separately

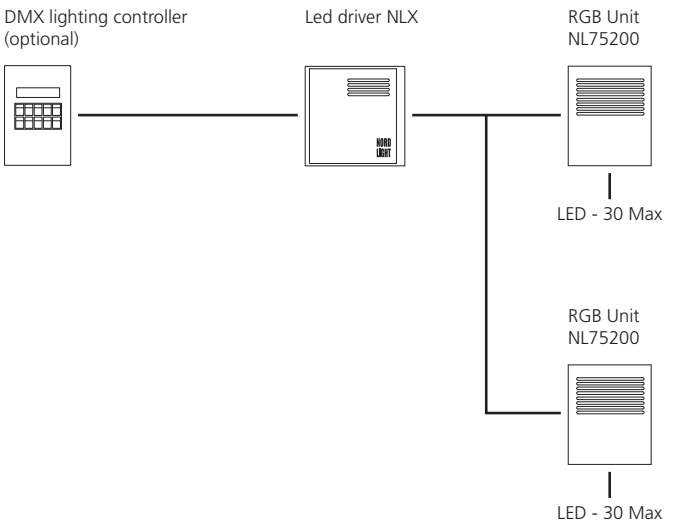
Driver	Vac	n°device	Code
Starled RGB Master Unit 190X140X70mm	230Vac	2-30 led max	NL75200

Driver		Vac	Vout (Vdc)	n°LED max.	Code
LED driver NLX 2-50	50W	230	24Vdc	30	NL19050
LED driver NLX 2-75	75W	230	24Vdc	50	NL75190
LED driver NLX 2-100	100W	230	24Vdc	65	NL82030
LED driver NLX 2-150	150W	230	24Vdc	100	NL80220

	Code
DSC 30 USB interface DMX stand alone	NL19030
9V/350mA ballast with mini USB connector for DSC30	NL19031
50cm cable with HE10 connector for keyboard (optional)	NL7833

		Code
Plastic body	13,5ø x 14 mm	NL73130
Chrome body	24ø x 22 mm	NL73140

IP20



Pixel Mesh

2013

- The Pixel Mesh is a matrix of RGB LED that can be controlled to create any kind of signage, image, or scenario according to the request of the client.
- The Pixel Mesh can be used indoors and outdoors, and several basic modules can be combined to extend the system to the desired area.
- The basic modle has a density of 1024 LED/sqm (pitch 30mm), with a total power
  of 280W/sqm.
- The control system is integrated in the product and can be re-programmed even after installation.
- Transparency factor 55%.
- Flexible module.
- Plug-&-play installation.

Motel One, Köln - DE

Motel One, Köln - DE

Pixel Mesh

Single module

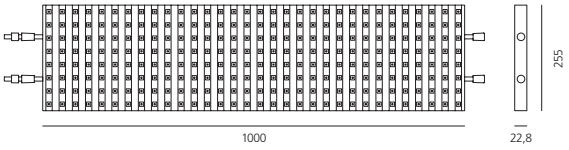
	W LED	Weight		Area
LED 3 in 1 SMD	70W	1,90 kg	RGB	0,25 m²

Resolution 31,25
Transaprency 55%
Refresh rate 2000Hz
Input frequency 50-60Hz
Data connection RJ45
Tested in evironments
with temperature from
-20°C to +50°C
IP63

220/240Vac 50/60Hz main voltage

Pixel mesh needs to be permanently connected to a PC with DVI output to play video and images of any given digital format.

The product can be customized to respond to different project needs. For dedicated quotation and further enquiries, please contact Artemide sales office.



A.

Outdoor

Scenographic Ligthing

616 Diamante
620 Spike
628 Superspike
632 LineaLed
644 Label Light
648 Riga
652 Dedalo

Diamante

Charles Keller, Daniel Marques,
Adrian Schiess
2009

- The Diamante is a light element that can create light scenes of great visual impact, due to the availability of “diamonds” of different colors or by means of the use of prismatic filters.
- The vertical drop can be realized with different configurations of the number of “diamonds” and heights. The (optional) dynamic light control gives the installation a magical and moving character.
- Each Diamante consists of a double-faced LED circuit board and a prism in injection mould of ABS, connected by means of a special electrical cable with high resistance and lightness which allows the flow of data control and electrical current.
- Specific mounting and connection devices give appropriate ease for mounting and maintenance of the system.

Christmas Lighting, Luzern - CH

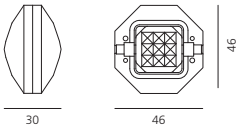
Christmas Lighting, Zurich - CH

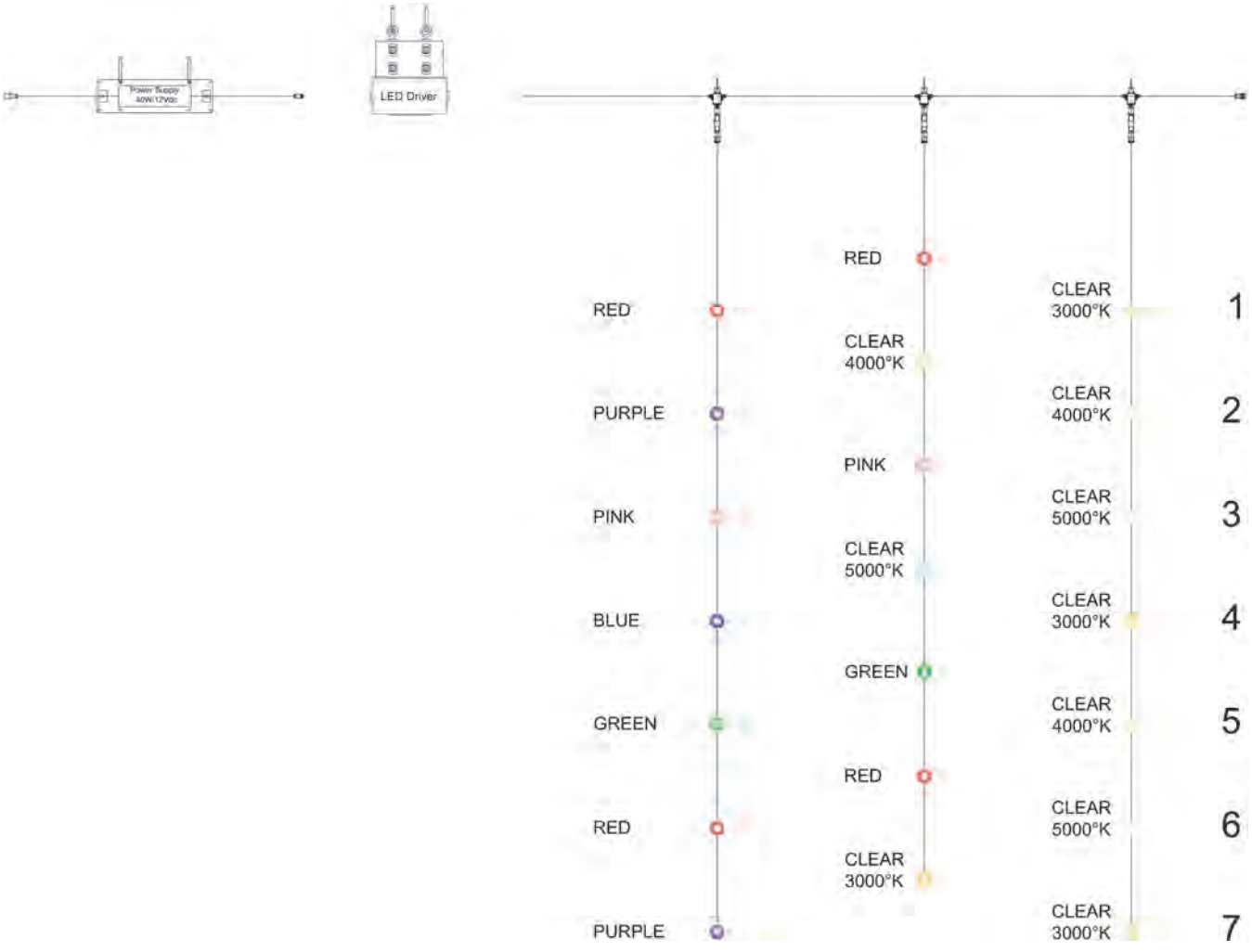
	W LED	Weight	Colour
Body in injection mould of ABS Electrical cable with high resistance to wind IP68 electrical connectors Mechanical joints and hooks in stainless steel	1,75W	0,80 kg	Cascade 7 “diamanti“ transparent Cascade 7 “diamanti“ transparent and colour Cascade 7 “diamanti“ multicolour

12Vdc electronic ballast

The product can be customized to respond to different project needs. For dedicated quotation and further enquiries, please contact Artemide sales office.

IP65





Spike

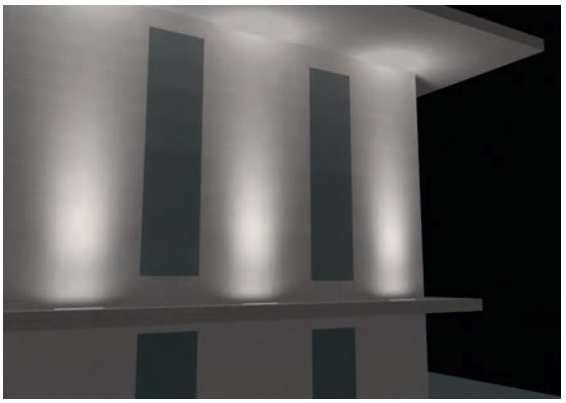
2006

- Lighting appliance with high-yield LED sources.
- Wall or ceiling mounted.
- Monochrome or RGB light.
- EN AW6060 T5 extruded aluminium body.
- 3mm-thick methacrylate diffuser.
- EN AB 47100 die-cast aluminium caps with silicon rim.
- Aluminium adjustment brackets.
- Power unit connection with bipolar H05RN-F cable (monochrome) or quadripolar silicon/ rubber cable (RGB), with standard IP 68 clamp*.
- Remote 24 Vdc power unit.
- Painted die-cast aluminium with 3-stage outdoor treatment: nanotechnologies, anti-oxidant primer, polyester paint.
- Optional painted extruded aluminium anti-glare screen.
- Optical units. PMMA lenses with 3 different beam options.
- White monochrome LEDs available in 2 colour temperatures:
  Warm = 3000K
  Neutral = 4000K.
- RGB version made up of monochrome red, green, and blue LEDs.
- Protection rating IP65.
- Electrical insulation class III.
- Technical specifications of EN60598-1 compliant appliances.
- Mounting should be entrusted to specialized technicians.
- Follow instructions closely.

Spot optic

Concentrated luminous flow to highlight details avoiding unwanted light dispersion.

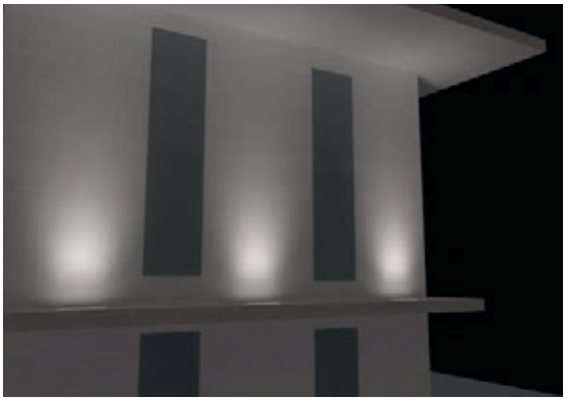
spot optic



Medium optic

Medium luminous flux to highlight details, large sections of windows.

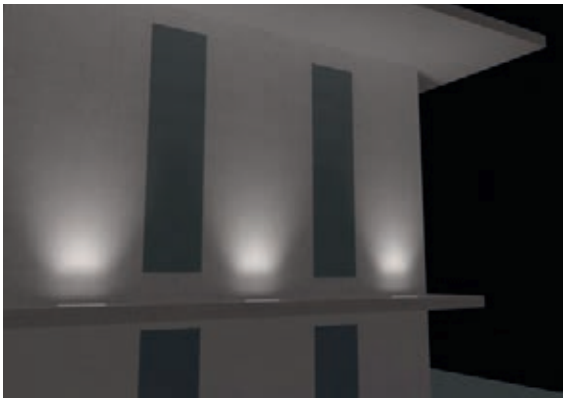
flood optic



Wallwasher optic

Elliptical distribution of the luminous flow suitable for wallwasher effect.

elliptic optic



Palazzo Biandrà, Milan - IT

Spike

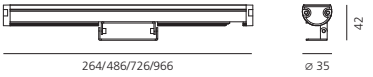
Silver grey

IP65

W	Length	Beam	Efficacy	Flux	CCT	Code
12 W	264	12°	50 lm/W	593 lm	3000K	T430010W00
			51 lm/W	611 lm	4000K	T430010N00
		28°	46 lm/W	554 lm	3000K	T430025W00
			48 lm/W	571 lm	4000K	T430025N00
		12°x34°	50 lm/W	593 lm	3000K	T4300ELW00
			51 lm/W	611 lm	4000K	T4300ELN00
24 W	486	12°	50 lm/W	1185 lm	3000K	T430110W00
			51 lm/W	1221 lm	4000K	T430110N00
		28°	46 lm/W	1107lm	3000K	T430125W00
			48 lm/W	1441 lm	4000K	T430125N00
		12°x34°	50 lm/W	1187 lm	3000K	T4301ELW00
			51 lm/W	1223 lm	4000K	T4301ELN00
36 W	726	12°	50 lm/W	1782 lm	3000K	T430210W00
			51 lm/W	1836 lm	4000K	T430210N00
		28°	46 lm/W	1661 lm	3000K	T430225W00
			48 lm/W	1712 lm	4000K	T430225N00
		12°x34°	50 lm/W	1780 lm	3000K	T4302ELW00
			51lm/W	1834 lm	4000K	T4302ELN00
48 W	966	12°	50 lm/W	2376 lm	3000K	T430310W00
			51 lm/W	2448 lm	4000K	T430310N00
		28°	46 lm/W	2215 lm	3000K	T430325W00
			48 lm/W	2283 lm	4000K	T430325N00
		12°x34°	50 lm/W	2374 lm	3000K	T4303ELW00
			51 lm/W	2448 lm	4000K	T4303ELN00

CRI =80 (min)

24Vdc power supplied separately

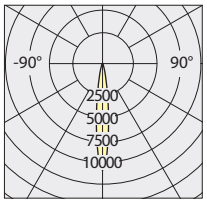


			12W	24W	36W	48W	
Driver 40W	24 Vdc	IP67	3	1	1		NL62040
Driver 70W	24 Vdc	IP67	5	2		1	NL89080
Driver 150W	24 Vdc	IP67	12	6	4	3	NL62880

Components needed for dimming are available upon request.

Antidazzle screen	247mm	T430801
	469mm	T430802
	709mm	T430803
	946mm	T430804

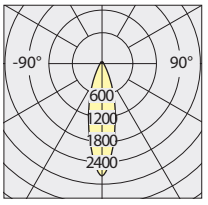
48 W — 3000 K — α=12° — 4000 K — α=12°



C = 0°-180°
C = 90°-270°
Cd/Klm

H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	0,23	23576	14896	1	0,23	24290	15348
2	0,45	5894	3724	2	0,45	6073	3837
3	0,68	2620	1655	3	0,68	2699	1705
4	0,91	1473	931	4	0,91	1518	959
5	1,14	943	596	5	1,14	972	614

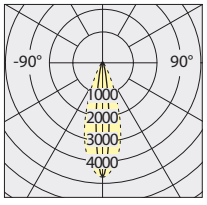
48 W — 3000 K — α=28° — 4000 K — α=28°



C = 0°-180°
C = 90°-270°
Cd/Klm

H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	0,48	6078	3606	1	0,48	6265	3717
2	0,97	1520	902	2	0,97	1566	929
3	1,45	675	401	3	1,45	696	413
4	1,93	380	225	4	1,93	392	232
5	2,42	243	144	5	2,42	251	149

48 W — 3000 K — α=12°x34° — 4000 K — α=12°x34°



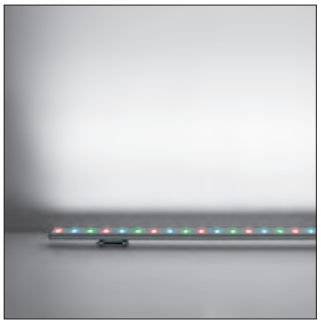
C = 0°-180°
C = 90°-270°
Cd/Klm

H m	Ø m	EMax lux	EM lux	H m	Ø m	EMax lux	EM lux
1	0,22	10698	6278	1	0,22	11022	6932
2	0,45	2674	1682	2	0,45	2756	1733
3	0,67	1189	748	3	0,67	1255	770
4	0,89	669	420	4	0,89	689	433
5	1,12	428	269	5	1,12	441	277

Spike RGB

Silver grey

W		Beam	Color	Code
25 W RGB	L=780mm	10°		NL5003110C002
		25°		NL5003130C002
		14°x34°		NL50031ELC002
		40°		NL5003140C002



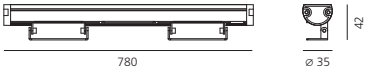
LED driver	NLX 2-70 IP65 70W 24Vdc	PWM	2 max
LED driver	NLX 2-100 IP65 100W 24Vdc	PWM	3 max
LED driver	NLX 2-150 IP65 150W 24Vdc	PWM	5 max

PWM driver for fixtures with autonomous colour programme for stand-alone or controlled working by means of DMX 512 protocol for installations of all sizes.

IP65 16,7 M

DSC 30 USB interfaced DMX stand alone	NL19030

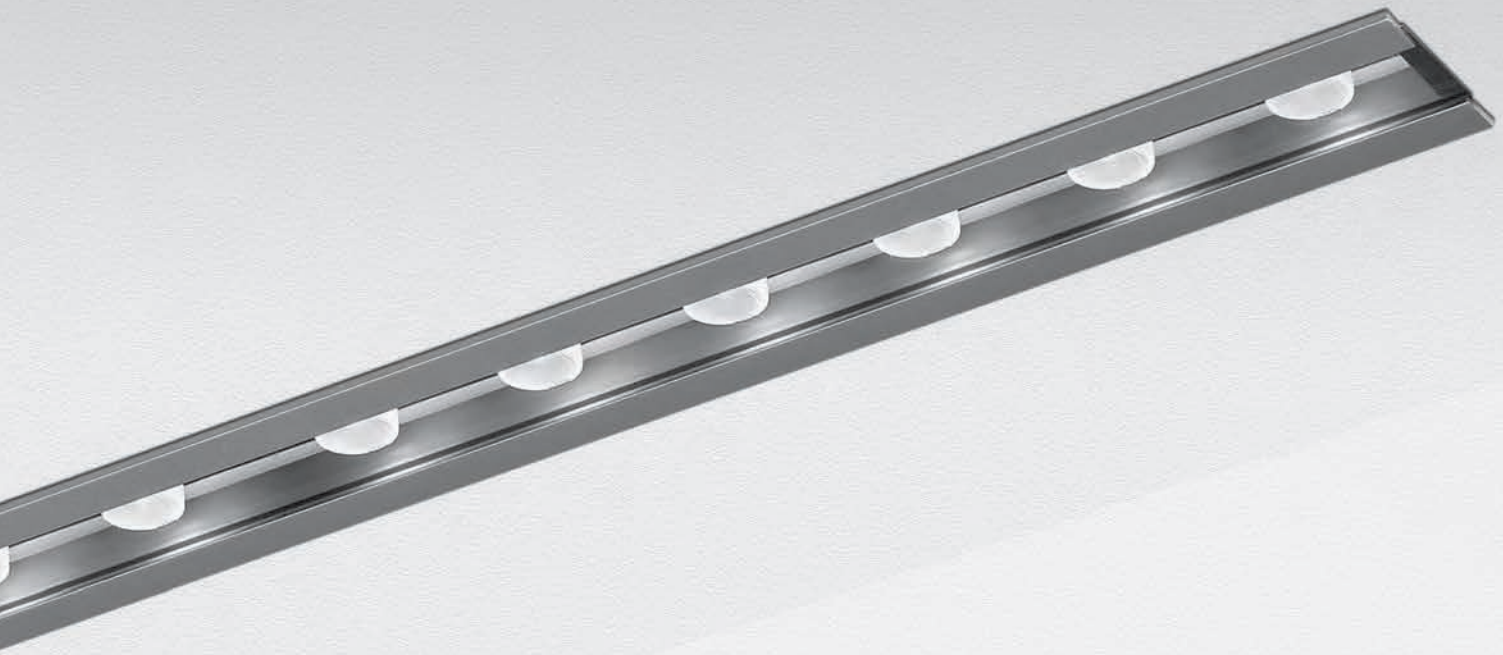
Digital interface provided with software. If connected to the PC USB port, it transforms the programme instructions into DMX 512 control signals.
DSC30 (512 DMX controllable channels, real-time clock, local use) allows computer-interactive programming and stand-alone mode, that is the possibility of autonomous interface repetition without PC connection.



9V/350mA ballast with mini USB connector for DSC30	NL19031
50cm-long Cable with HE10 connector for connection to a keyboardm	NL7833
Antidazzle screen	NL50035

Spike Incasso

2010



- Light fixture with high-performance LED light sources.
- Ceiling installation.
- Body in extruded EN AW6060 T5 aluminium.
- Diffuser in transparent polycarbonate, 1,5mm-thick.
- Stoppers in transparent polycarbonate.
- Fixing springs in harmonic steel.
- Electrical connection to the ballast by means of 2-pole FEP cable (monochromatic version) or 4-pole FEP cable (RGB version), with appropriate terminal board supplied with the fixture.
- 24Vdc remote ballast.
- Optics. PMMA lenses in 3 different versions of beams.
- White monochromatic LEDs available in 2 colour temperatures:
  Warm = 3000K
  Neutral = 4000K
- RGB version with red, green and blue monochromatic LEDs.
- IP Rating IP40.
- Insulation class III.
- Technical features of light fixtures in compliance with EN60598-1.
- Installation must be carried out by specialized personnel.
- Carefully follow the instructions.

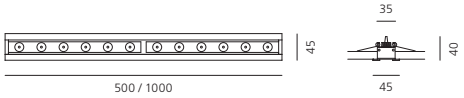
Spike Incasso

CRI = 80(min)

W	L	Weight	Beam	Flux	CCT	Code
17 W	500	0,80kg	10°	888 lm	3000K	NL1707110K0
				960 lm	4000K	NL1707110W0
			25°	888 lm	3000K	NL1707125K0
				960 lm	4000K	NL1707125W0
			14°x34°	888 lm	3000K	NL17071ELK0
				960 lm	4000K	NL17071ELW0
34 W	1000	1,30kg	10°	888 lm	3000K	NL1707210K0
				960 lm	4000K	NL1707210W0
			25°	888 lm	3000K	NL1707225K0
				960 lm	4000K	NL1707225W0
			14°x34°	888 lm	3000K	NL17072ELK0
				960 lm	4000K	NL17072ELW0

IP40 L x 39

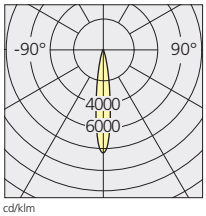
Electronic ballast 24Vdc SELV supplied separately.



			17W	34W	Code
Driver	19 W	24Vdc	1max		NL19040
Driver	70 W	24Vdc	4max	2max	NL8711

Dimmable fixture, dimming devices available upon request.

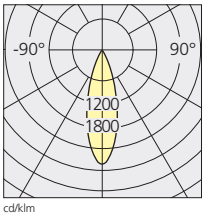
17 W 4000 K **α=10°**



cd/klm

H m	Ø m	EMax lux	EM lux
1	0,28	6716	4289
2	0,55	1679	1072
3	0,83	746	477
4	1,10	420	268
5	1,38	269	172

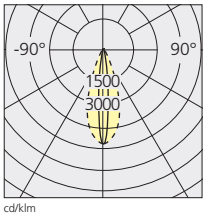
17 W 4000 K **α=25°**



cd/klm

H m	Ø m	EMax lux	EM lux
1	0,54	2169	1308
2	1,09	542	327
3	1,63	241	145
4	2,18	136	82
5	2,72	87	52

17 W 4000 K **α=14°x34°**



cd/klm

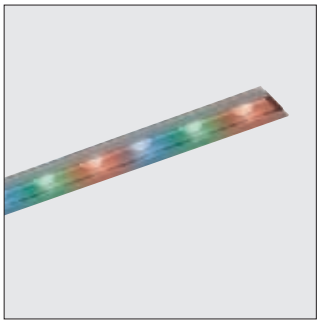
H m	Ø m	EMax lux	EM lux
1	0,65	4803	3054
2	1,31	1201	736
3	1,96	534	339
4	2,62	300	191
5	3,27	192	122

RGB

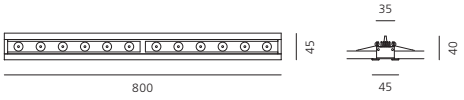
W	L	Weight	RGB	Beam	Code
25W	800	1,00kg	16,7m	10°	NL1707510C
				25°	NL1707525C
				14°x34°	NL17075ELC

Driver	NLX 2-50	50 W	24Vdc	PWM	1 max	NL19050
Driver	NLX 2-75	75 W	24Vdc	PWM	2 max	NL75190
Driver	NLX 2-100	100 W	24Vdc	PWM	3 max	NL82030
Driver	NLX 2-150	150 W	24Vdc	PWM	5 max	NL80220

Electronic ballast 24Vdc SELV supplied separately.



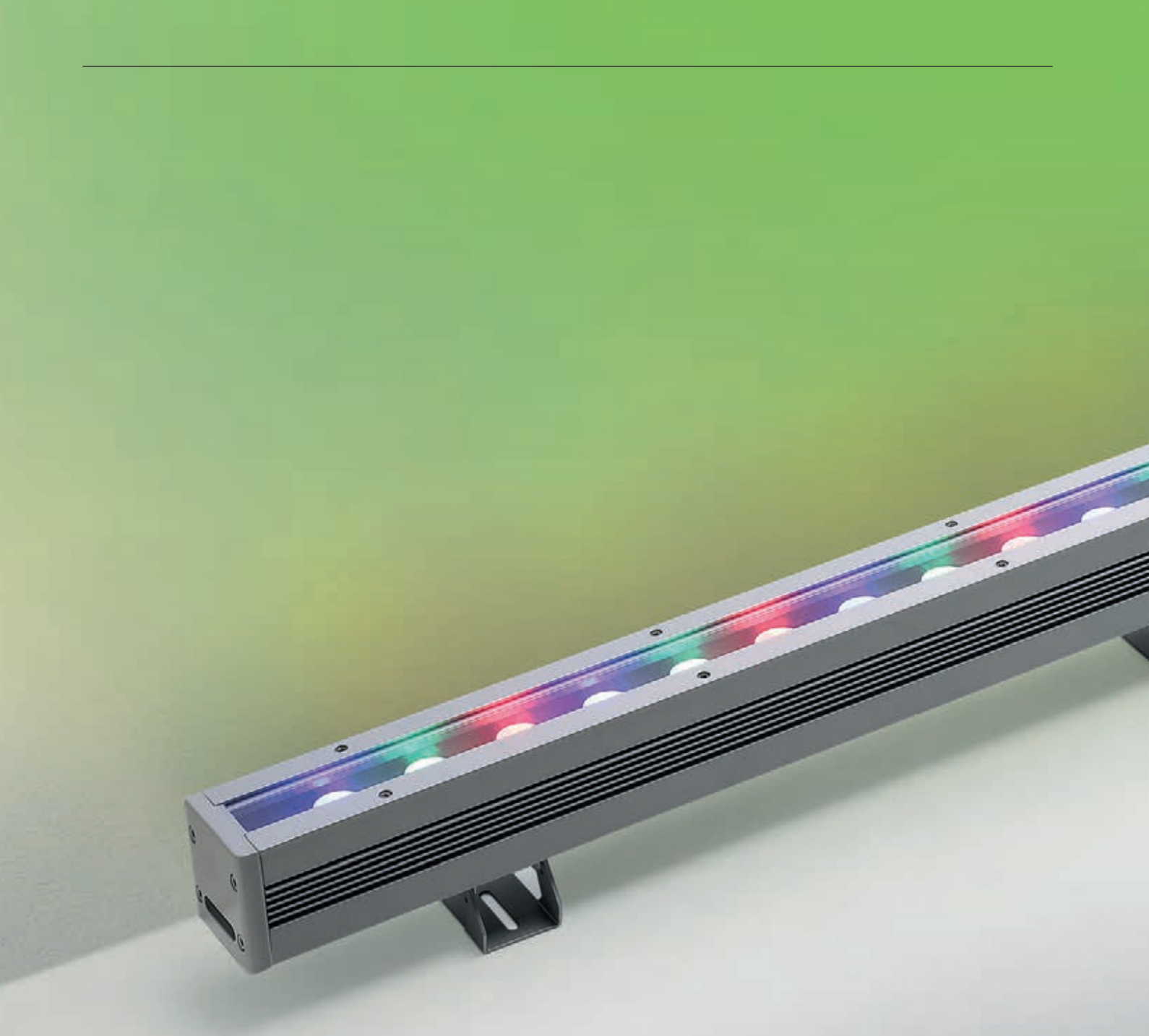
IP40 L x 39



DSC 30 USB interface DMX stand alone	NL19030
9V/350mA ballast with mini USB connector for DSC30	NL19031
50cm cable with HE10 connector for keyboard (optional)	NL7833

Superspike

2007



- Lighting appliance with high-yield LED sources.
- Wall or ceiling mounted.
- Monochrome or RGB light.
- Made up of a body, a diffuser, and a protection frame.
- EN AW6060 T5 aluminium extrusion body.
- Clear anti-UV 8mm-thick polycarbonate diffuser.
- Die-cast aluminium caps with silicon gasket.
- Painted aluminium brackets.
- Connection with power unit via bipolar H07RN-F cable with standard IP68 clamp included.
- Remote 24Vdc power unit.
- Optics. PMMA lenses with 3 different beam versions.
- Monochrome white LEDs available in 2 colour temperatures:
  Warm = 3000K
  Neutral = 4000K
- RGB version made of monochrome red, green, and blue LEDs.
- Profile finished with 2-stage outdoor treatment: primer, outdoor paint.
- The technical specifications of the appliances comply with EN60598-1.
- Protection rating IP65.
- Electric insulation class III.

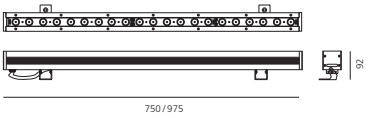
Superspike

Silver grey

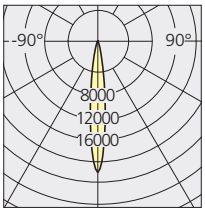
W	Length	Beam	CRI	Flux	Efficacy	CCT	Code
50 W	750 mm	10°	80	1650 lm	33 lm/W	3000K	NL716610K0
			75	2175 lm	43 lm/W	4000K	NL716610W0
		25°	80	1650 lm	33 lm/W	3000K	NL716625K0
			75	2175 lm	43 lm/W	4000K	NL716625W0
		40°	80	1650 lm	33 lm/W	3000K	NL716640K0
			75	2175 lm	43 lm/W	4000K	NL716640W0
67 W	975 mm	10°	80	2200 lm	33 lm/W	3000K	NL716710K0
			75	2900 lm	43 lm/W	4000K	NL716710W0
		25°	80	2200 lm	33 lm/W	3000K	NL716725K0
			75	2900 lm	43 lm/W	4000K	NL716725W0
		40°	80	2200 lm	33 lm/W	3000K	NL716740K0
			75	2900 lm	43 lm/W	4000K	NL716740W0

IP65

			Super Spike 750	Super Spike 975	Code
Driver	19 W	24Vdc	1		NL89080
Driver	70 W	24Vdc	2	1	NL62880



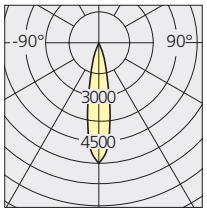
50 W 4000 K **α=10°**



Cd/Klm

H m	ØC0 m	ØC90 m	E lux
0,5	0,13	0,13	87372
1,0	0,25	0,25	21843
1,5	0,38	0,38	9708
2,0	0,51	0,51	5461
2,5	0,63	0,63	3495
3,0	0,76	0,76	2427

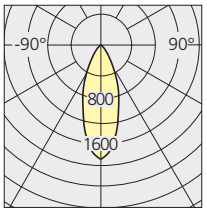
50 W 4000 K **α=25°**



Cd/Klm

H m	ØC0 m	ØC90 m	E lux
0,5	0,19	0,19	47198
1,0	0,38	0,38	11799
1,5	0,57	0,57	5244
2,0	0,76	0,76	2950
2,5	0,94	0,94	1888
3,0	1,13	1,13	1311

50 W 4000 K **α=40°**

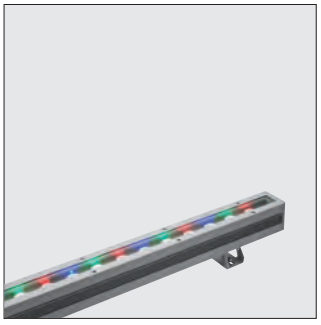


Cd/Klm

H m	ØC0 m	ØC90 m	E lux
0,5	0,33	0,33	16127
1,0	0,67	0,67	4032
1,5	1,00	1,00	1792
2,0	1,34	1,34	1008
2,5	1,67	1,67	645
3,0	2,01	2,01	448

Superspike RGB

W	Length	Beam	Code
50W	750 mm	10°	NL756510C0
		25°	NL756525C0
		40°	NL756540C0
100W	1450 mm	10°	NL756610C0
		25°	NL756625C0
		40°	NL756640C0



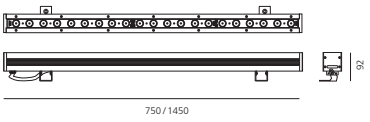
IP65 16,7 M

		Super Spike 750	Super Spike 975	Code
LED driver NLX 2-70 IP65 70W 24Vdc	PWM	1		NL81260
LED driver NLX 2-100 IP65 100W 24Vdc	PWM	1	2	NL84100

PWM driver for fixtures with autonomous colour programme for stand-alone or controlled working by means of DMX 512 protocol for installations of all sizes.

DSC 30 USB interfaced DMX stand alone — NL19030

Digital interface provided with software. If connected to the PC USB port, it transforms the program instructions into DMX 512 control signals.
DSC30 (512 DMX controllable channels, real-time clock, local use) allows computer-interactive programming and stand-alone mode, that is the possibility of autonomous interface repetition without PC connection.



9V/350mA ballast with mini USB connector for DSC30 — NL19031

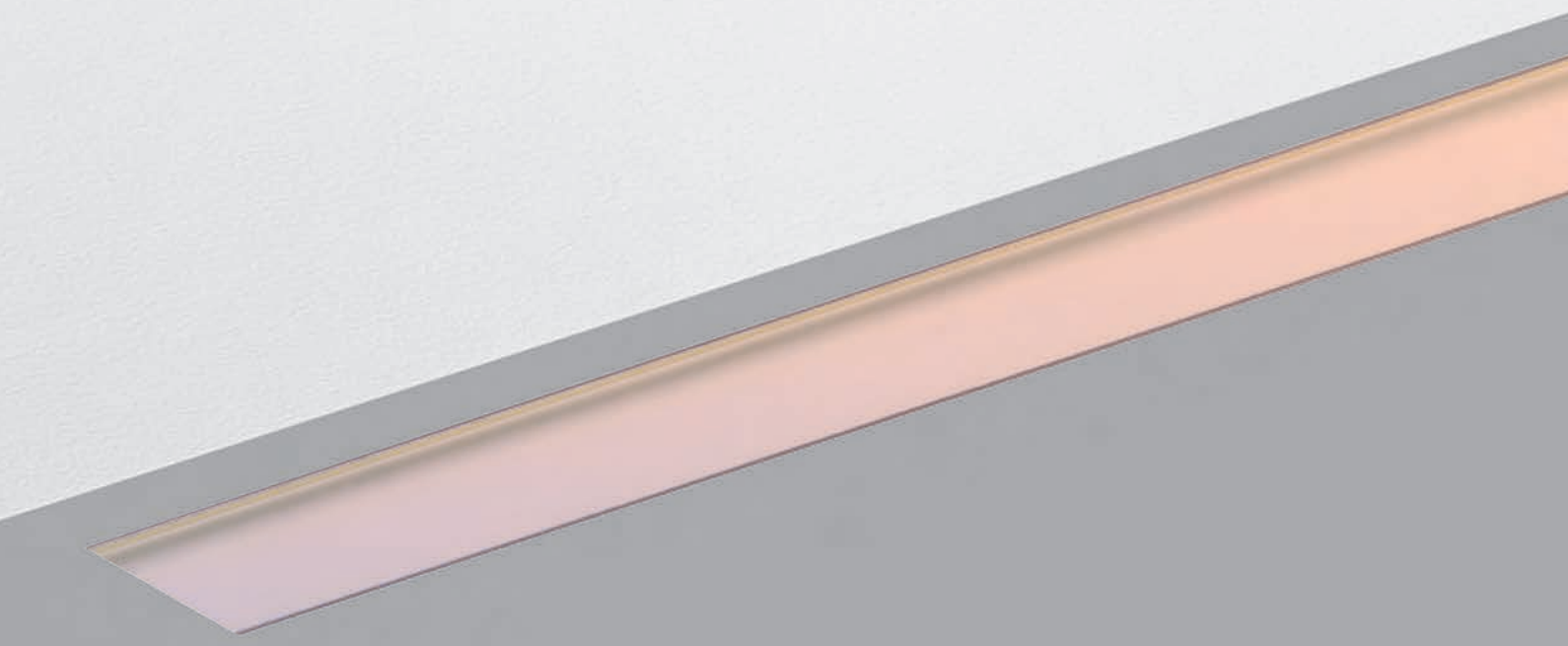
50cm-long Cable with HE10 connector for connection to a keyboard — NL7833

Ex Manifatture Tabacchi (Local Government departments), Rome - IT, Seste Engineering

LineaLed
Drive-over

Carlotta de Bevilacqua
2010

Walk over and drive over approved up to 5000Kg.



- Light fixture with high-performance LED light sources.
- Walk-over and drive-over recessed floor installation.
- Monochromatic or RGB light.
- Composed of body, diffuser, recessing box, closing end caps, junctions.
- Body in extruded EN AW6060 T5 aluminum.
- Opal non-slippery tempered glass 8mm-thick.
- Glass surface temperature lower than 35°.
- Profile end caps in injection-mould polycarbonate with silicone gasket.
- Recessing box for laying in stainless steel AISI 304.
- Recessing box end caps and junction in stainless steel AISI 304.
- Electrical connection to the ballast by means of a two-pole cable H05RN-F, with IP68 quick-release terminal block which is supplied with the fixture and can be housed in the recessing box.
- 24Vdc remote ballast.
- Body fastened to the recessing box by means of proper pre-stressed steel springs supplied with the fixture.
- Painted profile with 2-stage outdoor treatment: primer, outdoor paint.
- White monochromatic LEDs available in 2 colour temperatures:
  Warm = 3000K
  Neutral = 4000K
- RGB version with Full Colour RGB LEDs.
- IP Rating IP65/IP67.
- Insulation class III.
- Technical features of light fixtures in compliance with EN60598-1.

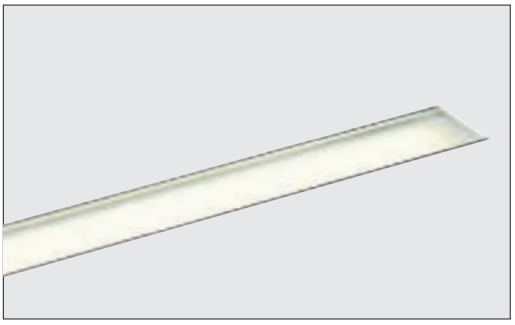
W	Length	CCT	CRI	Flux	Code
5 W	618mm	3000 K	70	270 lm	NL7398VSK0
		4000 K	75	300 lm	NL7398VSW0
8 W	978mm	3000 K	70	432 lm	NL7419VSK0
		4000 K	75	480 lm	NL7419VSW0

Driver 24Vdc SELV supplied separately

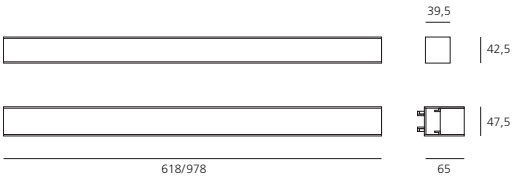
			5W	8W	
Driver	40W	24 Vdc	6 max	4 max	NL62040
Driver	70W	24 Vdc	12 max	7 max	NL89080
Driver	150W	24 Vdc	16 max	10 max	NL62880

Maximum linear length of a series of products with one supply line: 6m. For lines oif length exceeding 6m, provide multiple supply lines.

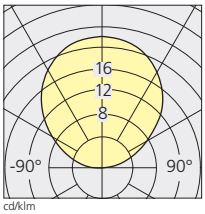
Housing	L=622mm	NL76670
Housing	L=982mm	NL76680
Continuity joint - 80 x 50 x 1,5mm		NL75810
Housing end cap (pair) - 46,5 x 62,5 x1,5mm		NL74890
Power feed connector & connector end cap		NL19052



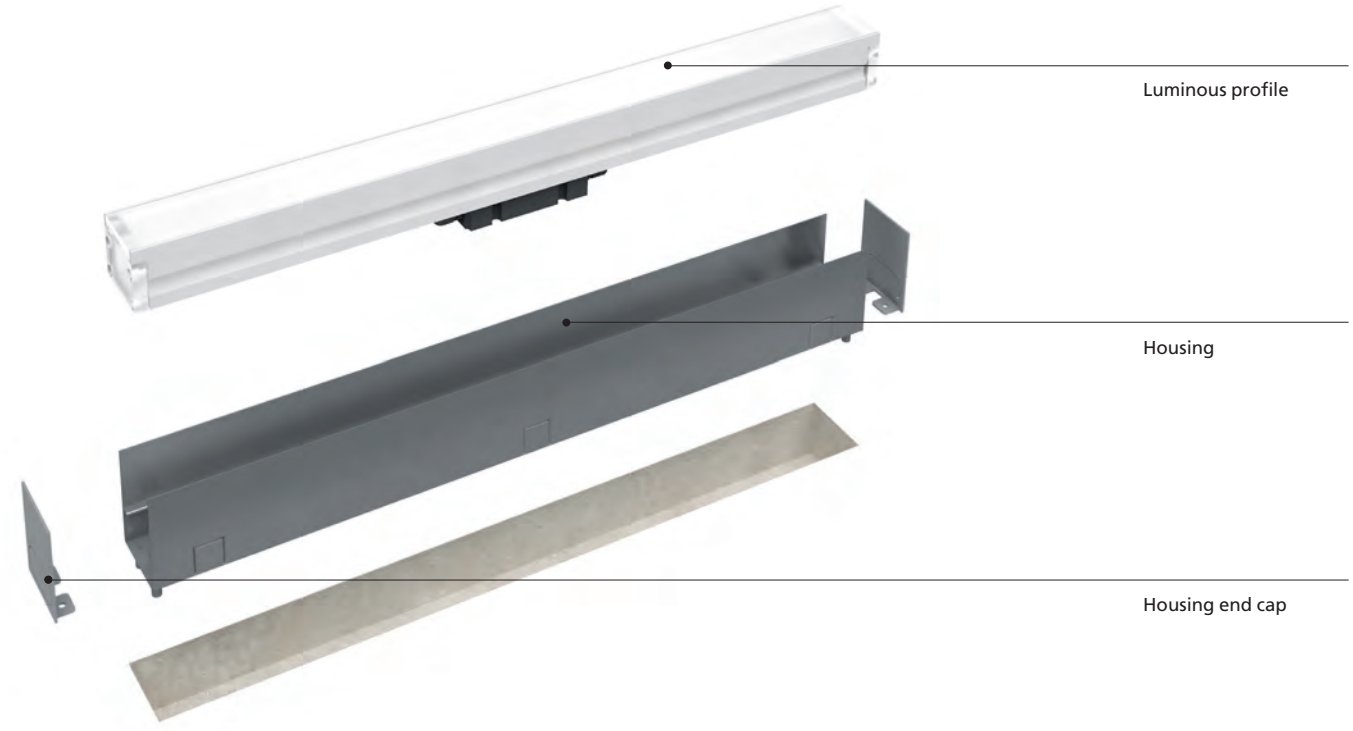
IP65/**IP**67



8 W



cd/klm



W	Length	Code
7 W	618mm	NL76480
12 W	978mm	NL76490

Driver 24Vdc SELV supplied separately

	7,2 W	12 W	
LED driver NLX2-70 IP65 70W 24Vdc PWM	8 max	5max	NL81260
LED driver NLX2-100 IP65 100W 24Vdc PWM	12 max	7max	NL84100
LED driver NLX2-150 IP65 150W 24Vdc PWM	18 max	10max	NL77270

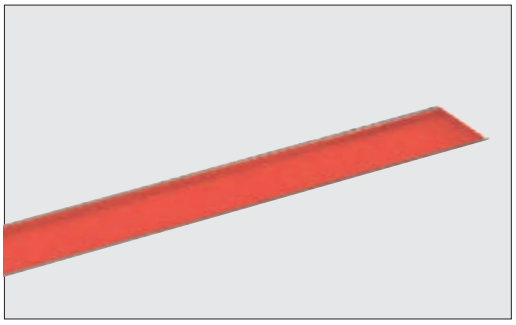
PWM driver for fixtures with autonomous colour programmers for stand-alone or controlled working by means of DMX 512 protocol for installations of all sizes.

DSC 30 USB interfaced DMX stand alone	NL19030

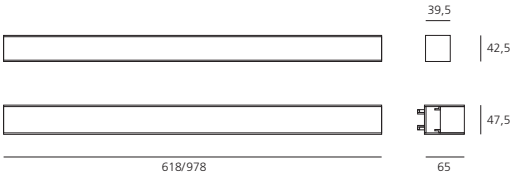
Digital interface provided with software. If connected to the PC USB port, it transforms the programmers instructions into DMX 512 control signals. DSC30 (512 DMX controllable channels, real-time clock, local use) allows computer-interactive programming and stand-alone mode, that is the possibility of autonomous interface repetition without PC connection.

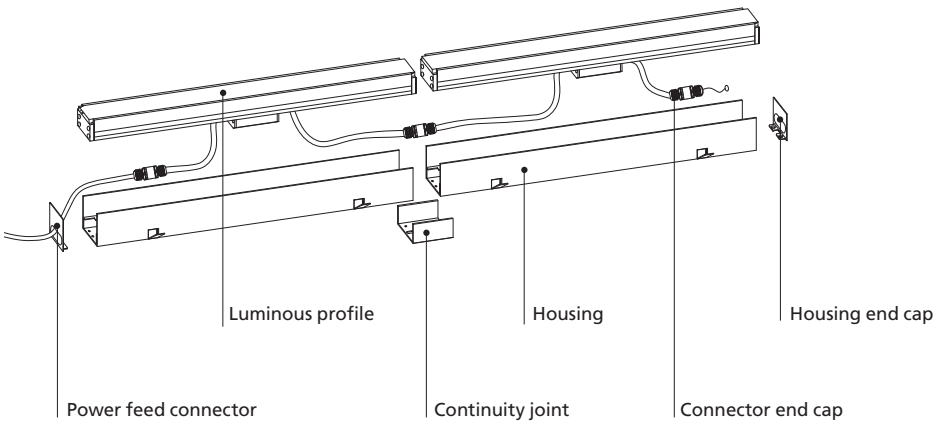
9V/350mA ballast with mini USB connector for DSC30	NL19031
50cm-long Cable with HE10 connector for connection to a keyboard	NL7833

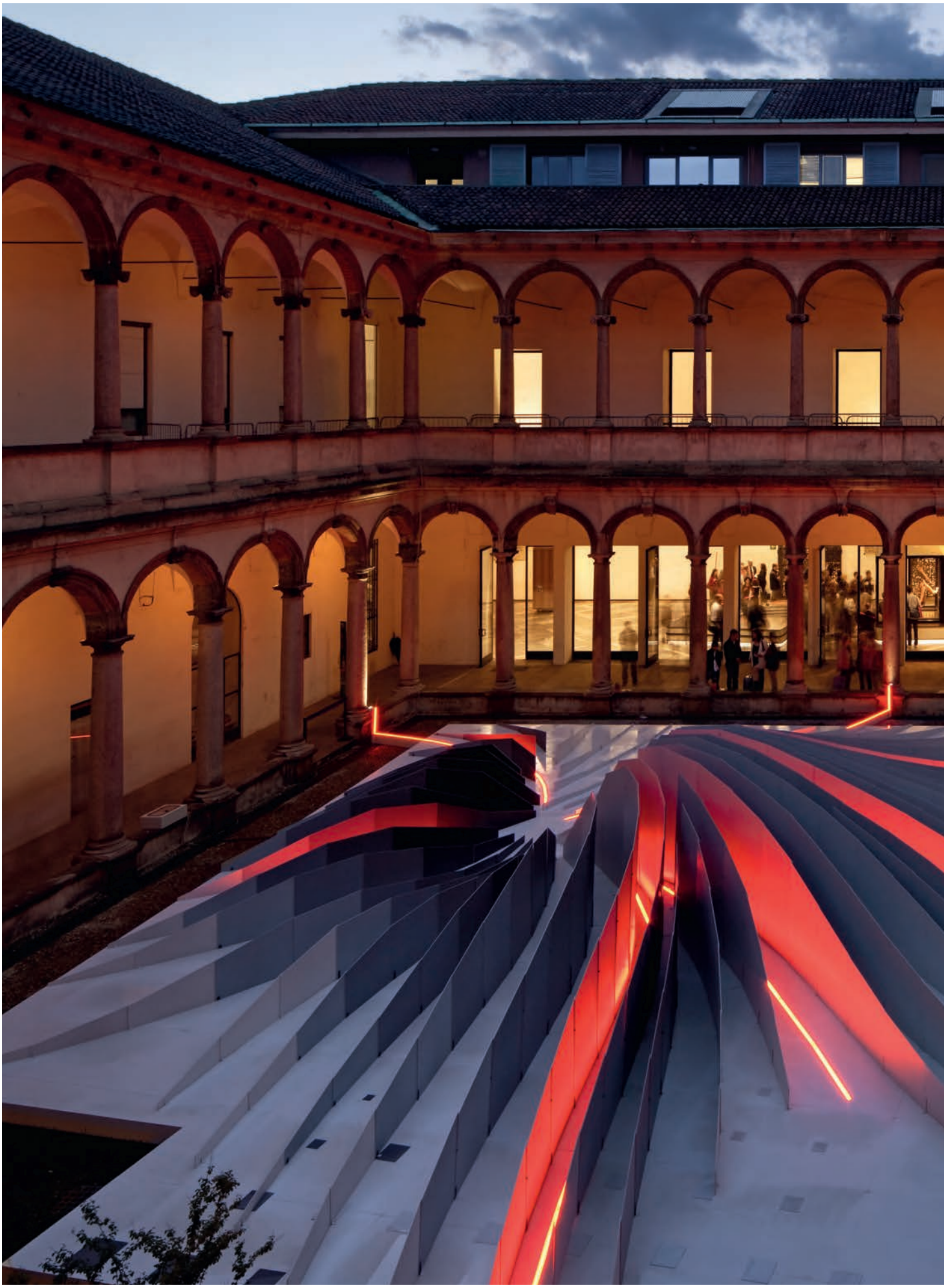
Housing	L=622mm	NL76670
Housing	L=982mm	NL76680
Continuity joint - 80 x 50 x 1,5mm		NL75810
Housing end cap (pair) - 46,5 x 62,5 x1,5mm		NL74890
Power supply connector & connector end cap		NL19052



IP65/**IP**67 16,7 M







Twirl, Università Statale di Milano, Milan - IT , Project: Zaha Hadid

LineaLed Wall Washer

Carlotta de Bevilacqua
2011

LineaLed Wallwasher

- Light fixture with high-performance LED light sources.
- Walk-over and drive-over recessed floor installation.
- Composed of body, diffuser, recessing box, closing end caps, junctions.
- Body in extruded EN AW6060 T5 aluminum.
- Transparent non-slippery tempered glass 8mm-thick.
- Profile end caps in injection-mould polycarbonate with silicone gasket.
- Recessing box for laying in stainless steel AISI 304.
- Recessing box end caps and junction in stainless steel AISI 304.
- Electrical connection to the ballast by means of a two-pole cable H05RN-F, with IP68 quick-release terminal block which is supplied with the fixture and can be housed in the recessing box.
- 24Vdc remote ballast.
- Body fastened to the recessing box by means of proper pre-stressed steel springs supplied with the fixture.
- Painted profile with 2-stage outdoor treatment: primer, outdoor paint.
- White monochromatic LEDs available in 2 colour temperatures:
  Warm = 3000K
  Neutral = 4000K
- IP Rating IP65/IP67.
- Insulation class III.
- Technical features of light fixtures in compliance with EN60598-1.
- Installation must be carried out by specialized personnel.
- Carefully follow the instructions.

Walk over and drive over approved up to 5000Kg.

LineaLed Wallwasher adjustable

- Light fixture with high-performance LED light sources.
- Wall or ceiling installation.
- Composed by body in extruded aluminium, protection glass, adjustable brackets.
- Body in extruded EN AW6060 T5 aluminium.
- Transparent, non-slip tempered glass 8mm-thick.
- Glass surface temperature lower than 50°.
- Adjustment brackets in die-cast aluminium.
- Electrical connection to the ballast by means of two-pole cable H05RN-F, with IP68 terminal board supplied with the fixture.
- Polycarbonate end caps with silicone gasket.
- 24Vdc remote ballast.
- Painted profile and brackets with 2-stage outdoor treatment: primer, outdoor paint.
- Optics. PMMA lenses in 3 different versions of beams.
- White monochromatic LEDs available in 2 colour temperatures:
  Warm = 3000K
  Neutral = 4000K
- IP Rating IP65.
- Insulation class III.
- Technical features of light fixtures in compliance with EN60598-1.
- Installation must be carried out by specialized personnel.
- Carefully follow the instructions.

Spot optic

Concentrated luminous flow to highlight details avoiding unwanted light dispersion.

10° optic

Medium optic

Medium luminous flux to highlight details, large sections of windows..

25° optic

Wall Washer optic

Elliptical distribution of the luminous flow suitable for wall washer effect.

14°x34° optic

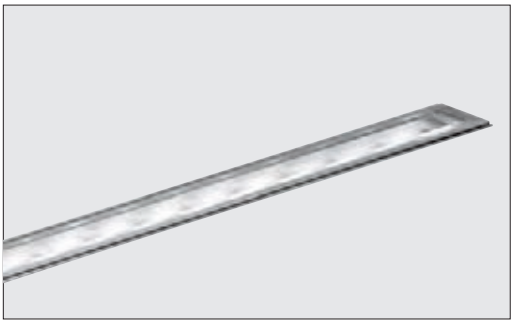
Chiesa di Capalbio Scalo, Capalbio - IT

Palazzo Via Manzoni, Milan - IT, Project: Studio Pi vato SAS, arch. Cristina Pivato

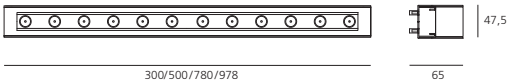
LineaLed Wallwasher

Silver grey

W	Length	Flux	Beam	CRI	CCT	Code
8,5 W	300 mm	444 lm	10°	80	3000 K	NL1732010K0
		480 lm		75	4000 K	NL1732010W0
			25°	80	3000 K	NL1732025K0
				75	4000 K	NL1732025W0
			14°x34°	80	3000 K	NL17320ELK0
				75	4000 K	NL17320ELW0
17 W	500 mm	888 lm	10°	80	3000 K	NL1732110K0
		960 lm		75	4000 K	NL1732110W0
			25°	80	3000 K	NL1732125K0
				75	4000 K	NL1732125W0
			14°x34°	80	3000 K	NL17321ELK0
				75	4000 K	NL17321ELW0
25 W	780 mm	1334 lm	10°	80	3000 K	NL1732210K0
		1440 lm		75	4000 K	NL1732210W0
			25°	80	3000 K	NL1732225K0
				75	4000 K	NL1732225W0
			14°x34°	80	3000 K	NL17322ELK0
				75	4000 K	NL17322ELW0
34 W	978 mm	1776 lm	10°	80	3000 K	NL1732310K0
		1920 lm		75	4000 K	NL1732310W0
			25°	80	3000 K	NL1732325K0
				75	4000 K	NL1732325W0
			14°x34°	80	3000 K	NL17323ELK0
				75	4000 K	NL17323ELW0



IP65/67 **IK**07

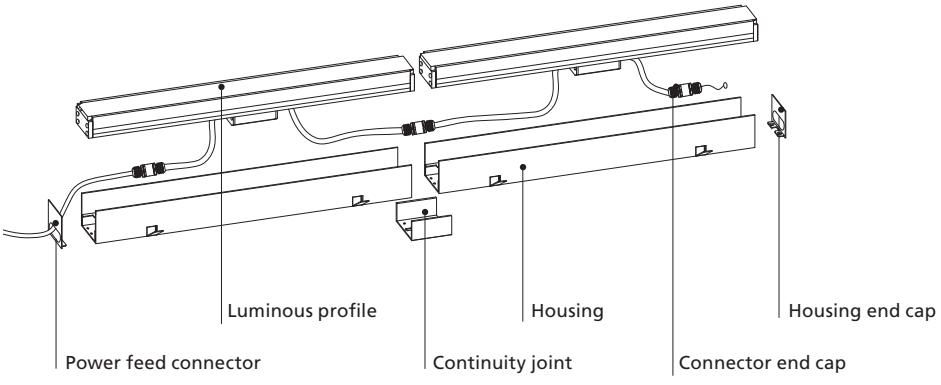


Driver 24Vdc SELV supplied separately

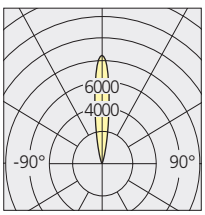
				8,5W	17 W	25 W	34 W	Code
Driver	40W	IP67	24 Vdc	4max	2max	1max	1max	NL62040
Driver	70W	IP67	24 Vdc	7max	3max	2max	1max	NL89080
Driver	150W	IP67	24 Vdc	10max	5max	3max	2max	NL62880

Maximum linear length of a series of products with one feeding line: 2m. For lines oif length exceeding 2m, provide multiple feeding lines.

Housing	L=300mm	NL17325H0
	L=500mm	NL17326H0
	L=780mm	NL17327H0
	L=980mm	NL76680
Continuity joint - 80 x 50 x 1,5mm		NL75810
Housing end cap (pair) - 46,5 x 62,5 x1,5mm		NL74890
Power feed connector & connector end cap		NL19052



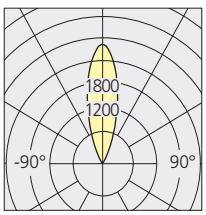
17 W 4000 K **α=10°**



C = 0°-180° Cd/Klm
C = 90°-270°

H m	Ø m	EMax lux	EM lux
1	1,38	269	172
2	1,10	420	268
3	0,83	746	477
4	0,55	1679	1072
5	0,28	6716	4289

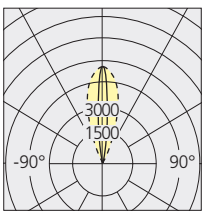
17 W 4000 K **α=25°**



C = 0°-180° Cd/Klm
C = 90°-270°

H m	Ø m	EMax lux	EM lux
1	2,72	87	52
2	2,18	136	82
3	1,63	241	145
4	1,09	542	327
5	0,54	2169	1308

17 W 4000 K **α=14°x34°**



C = 0°-180° Cd/Klm
C = 90°-270°

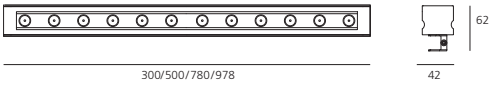
H m	Ø m	EMax lux	EM lux
1	3,27	192	122
2	2,62	300	191
3	1,96	534	339
4	1,31	1201	736
5	0,65	4803	3054

LineaLed Wallwasher adjustable

Silver grey

W	Length	Flux	Beam	CRI	CCT	Code
8,5 W	300 mm	444 lm	10°	80	3000 K	NL1733010K0
		480 lm		75	4000 K	NL1733010W0
			25°	80	3000 K	NL1733025K0
				75	4000 K	NL1733025W0
			14°x34°	80	3000 K	NL17330ELK0
				75	4000 K	NL17330ELW0
17 W	500 mm	888 lm	10°	80	3000 K	NL1733110K0
		960 lm		75	4000 K	NL1733110W0
			25°	80	3000 K	NL1733125K0
				75	4000 K	NL1733125W0
			14°x34°	80	3000 K	NL17331ELK0
				75	4000 K	NL17331ELW0
25 W	780 mm	1334 lm	10°	80	3000 K	NL1733210K0
		1440 lm		75	4000 K	NL1733210W0
			25°	80	3000 K	NL1733225K0
				75	4000 K	NL1733225W0
			14°x34°	80	3000 K	NL17332ELK0
				75	4000 K	NL17332ELW0
34 W	978 mm	1776 lm	10°	80	3000 K	NL1733310K0
		1920 lm		75	4000 K	NL1733310W0
			25°	80	3000 K	NL1733325K0
				75	4000 K	NL1733325W0
			14°x34°	80	3000 K	NL17333ELK0
				75	4000 K	NL17333ELW0

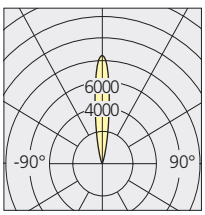
IP65 **IK**07



Driver 24Vdc SELV supplied separately

				8,5W	17 W	25 W	34 W	Code
Driver	40W	IP67	24 Vdc	4max	2max	1max	1max	NL62040
Driver	70W	IP67	24 Vdc	7max	3max	2max	1max	NL89080
Driver	150W	IP67	24 Vdc	10max	5max	3max	2max	NL62880

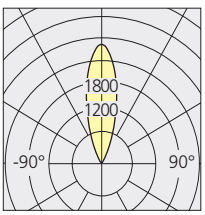
17 W 4000 K **α=10°**



H m	Ø m	EMax lux	EM lux
1	1,38	269	172
2	1,10	420	268
3	0,83	746	477
4	0,55	1679	1072
5	0,28	6716	4289

C = 0°-180° Cd/Klm
C = 90°-270°

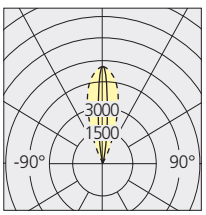
17 W 4000 K **α=25°**



H m	Ø m	EMax lux	EM lux
1	2,72	87	52
2	2,18	136	82
3	1,63	241	145
4	1,09	542	327
5	0,54	2169	1308

C = 0°-180° Cd/Klm
C = 90°-270°

17 W 4000 K **α=14°x34°**



H m	Ø m	EMax lux	EM lux
1	3,27	192	122
2	2,62	300	191
3	1,96	534	339
4	1,31	1201	736
5	0,65	4803	3054

C = 0°-180° Cd/Klm
C = 90°-270°

Label Light

2001

- Light fixture with 5mm LED light sources.
- Wall and ceiling installation by means of special accessories (clips).
- 26mm-diameter body in UV-stabilised transparent polycarbonate.
- End caps in PVC with o-ring gasket and insulating resin.
- IP68 cable gland PG7 in polyamide.
- Electrical connection to the mains by means of cable H05RN-F
(monochromatic version) or cable FEP-FEP (RGB version).
- Optional IP68 terminal boards.
- PVC clips for fixing and adjustment (standard supply).
- Glow wire test 960°C.
- White monochromatic LEDs available in 2 colour temperatures:
Warm = 2900K
Neutral = 4500K
- RGB version with red, green and blue monochromatic LEDs.
- IP Rating IP65.
- Insulation class III.
- Technical features of light fixtures in compliance with EN60598-1 and part 2-13.
- Installation must be carried out by specialized personnel.
- Carefully follow the instructions.

CRI = 80(min)

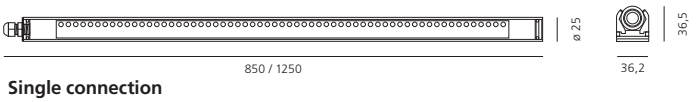
W	Length	Weight	Beam	Flux	CCT	Single connection Code	Double connection Code
16 W	850 mm	0,26kg	50°	400 lm	2900K	NL704750K0	NL704750K1
				416 lm	4500K	NL704750T0	NL704750T1
23 W	1250 mm	0,35kg	50°	575 lm	2900K	NL704850K0	NL704850K1
				598 lm	4500K	NL704850T0	NL704850T1

Driver 28Vac SELV supplied separately

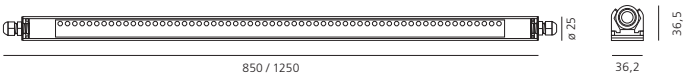
Tranformer	V(ac)	L_{mm}	W_{mm}	H_{mm}	IP	16W	23W	
50VA 28Vac	230	85	70	60	67	2max	1max	NL99490
250VA 28Vac	230	140	105	85	67	13max	9max	NL87770
400VA 28Vac	230	140	105	85	67	20max	15max	NL88690

Mounting clip NL75390

IP65



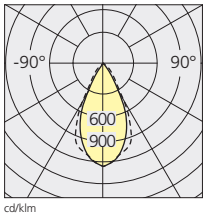
Single connection



Double connection

Maximum total length of fixtures connected in series: 6 meters

23 W 4500 K α=55°



cd/klm

H m	ØC0 m	ØC90 m	E lux
0,5	0,46	0,51	4606
1,0	0,92	1,02	1152
1,5	1,39	1,54	512
2,0	1,85	2,05	288
2,5	2,31	2,56	184
3,0	2,77	3,07	128

RGB

W	Length	Weight	Beam	Single connection Code	Double connection Code
14 W	840 mm	0,25kg	30°	NL75320	NL75321
21 W	1230 mm	0,35kg	30°	NL75340	NL75341

Driver 24Vdc SELV supplied separately

						14W	21W	
Driver	NLX 2-70	70 W	24Vdc	PWM	IP65	4max	2max	NL81260
Driver	NLX 2-100	100 W	24Vdc	PWM	IP65	6max	4max	NL84100

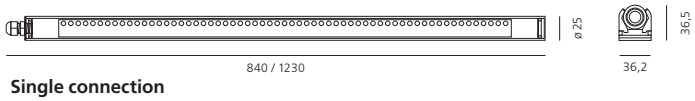
DSC 30 USB interface DMX stand alone NL19030

9V/350mA ballast with mini USB connector for DSC30 NL19031

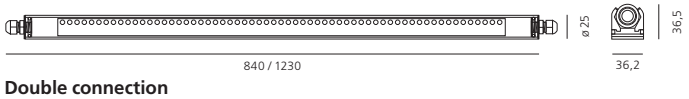
50cm cable with HE10 connector for keyboard (optional) NL7833

Mounting clip NL75390

IP65 CE



Single connection



Double connection

3
2
2

Piazza dei Guidi, Vinci Florence - IT Lighting Design: Studio Cannata e Partners

Riga

2005

- Light fixture with high-performance LED light sources.
- Floor, wall, ceiling installation by means of fixing clips (not included).
- Monochromatic or RGB light.
- Body in UV-stabilised transparent polycarbonate.
- Electrical connection to the ballast by means of a FROR cable (monochrome) or FEP cable (RGB) with appropriate terminal board supplied.
- 24Vdc remote ballast.
- Polycarbonate end caps.
- Body fastened to the recessing box by means of proper pre-stressed steel springs to be ordered separately.
- White monochromatic LEDs available in 2 colour temperatures:
  Warm = 3000K
  Neutral = 4000K
- RGB version with Full Colour RGB LEDs.
- IP65 or IP40 protection rate.
- Insulation class III.
- Technical features of light fixtures in compliance with EN60598-1.
- Installation must be carried out by specialized personnel.
- Carefully follow the instructions.

Palazzo Tornabuoni Residence Club, Florence - IT. Lighting: Arch. Michele Bonan, Arch. Jan Van Lierde

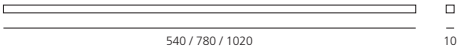
Riga

CRI = 80(min)

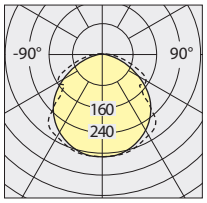
W	L	Weight	Beam	CCT	IP65 Code	IP40 Code
2 W	540	0,09kg	140°	3000K	NL17400VTK0	NL17405VTK0
				4000K	NL17400VTW0	NL17405VTW0
3 W	780	0,10kg	140°	3000K	NL17401VTK0	NL17406VTK0
				4000K	NL17401VTW0	NL17406VTW0
4 W	1020	0,11kg	140°	3000K	NL17402VTK0	NL17407VTK0
				4000K	NL17402VTW0	NL17407VTW0

Driver 24Vdc SELV supplied separately

			2 W	3 W	4 W	
Driver	40 W	24Vac	15 max	10 max	8 max	NL62040
Driver	70 W	24Vac	25 max	18 max	14 max	NL89080
Driver	150 W	24Vac	60 max	40 max	30 max	NL62880



4 W 4000 K **α=140°**



cd/klm

C0 - C180
C90 - C270

H m	ØC0 m	ØC90 m	E lux
0,5	1,52	1,38	265
1,0	3,03	2,75	66
1,5	4,55	4,13	29
2,0	6,07	5,51	17
2,5	7,58	6,88	11
3,0	9,10	8,26	7

RGB

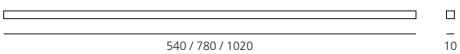
W	L	Weight	Beam	Code
6 W	540	0,10kg	140°	NL17421
9 W	780	0,11kg	140°	NL17422
12 W	1020	0,12kg	140°	NL17423

Driver 24Vdc SELV supplied separately

					6 W	9 W	12 W	
Driver	NLX 2-70	70 W	24Vdc	PWM	10max	7max	5max	NL81260
Driver	NLX 2-100	100 W	24Vdc	PWM	14max	9max	7max	NL84100

IP65

DSC 30 USB interface DMX stand alone	NL19030
9V/350mA ballast with mini USB connector for DSC30	NL19031
50cm cable with HE10 connector for keyboard (optional)	NL7833



Accessories

	Code
Fixing bracket 24,5x12x10,5 mm	NL89090
Fixing bracket 37x12x10,5 mm	NL88520
Fixing bracket 29,2x15x10,5 mm	NL86610

CRI = 80(min)					IP65	IP40
W	L	Weight	Beam	CCT	Code	Code
4 W	540	0,40kg	140°	3000K	NL50040VTK0	NL50037VTK0
				4000K	NL50040VTW0	NL50037VTW0
6 W	780	0,50kg	140°	3000K	NL50041VTK0	NL50038VTK0
				4000K	NL50041VTW0	NL50038VTW0
8 W	1020	0,60kg	140°	3000K	NL50042VTK0	NL50039VTK0
				4000K	NL50042VTW0	NL50039VTW0

Driver 24Vdc SELV supplied separately

			4 W	6 W	8 W	
Driver	40 W	24Vac	8max	5max	4max	NL62040
Driver	70 W	24Vac	14max	9max	7max	NL89080
Driver	150 W	24Vac	30max	20max	15max	NL62880

520 / 760 / 1000

15

RGB							
W	L	Weight	RGB	Beam			Code
5 W	585	0,10kg	16,7m	140°			NL50044
6 W	760	0,11kg		140°			NL50045
8 W	935	0,12kg		140°			NL50046

Driver 24Vdc SELV supplied separately

					5 W	6 W	8 W	
Driver	NLX 2-70	70 W	24Vdc	PWM	10max	8max	6max	NL81260
Driver	NLX 2-100	100 W	24Vdc	PWM	14max	10max	8max	NL84100

IP65

DSC 30 USB interface DMX stand alone	NL19030
9V/350mA ballast with mini USB connector for DSC30	NL19031
50cm cable with HE10 connector for keyboard (optional)	NL7833

585 / 760 / 935

15

Accessories	
	Code
Fixing bracket 17x33x1,5 mm	NL50049
Fixing bracket 17x47x1,5 mm	NL50048

Dedalo

2013

- Light fixture with high-performance LED light sources.
- Ceiling, wall or floor installation.
- Flexible profile.
- Flexible UV-resistant polyurethane resin rim.
- Accurate led selection equal to 3-Step MacAdam, ensuring colour consistency.
- 3M adhesive film to fix the product, supplied with the fixture.
- Remote driver.
- Electrical connection to the driver by means of H05RN-F (IP65) or FEP-FEP cable (IP40), and appropriate terminal board, provided with the fixture.
- White monochromatic LEDs available in 2 colour temperatures:
  Warm = 3200K
  Neutral = 3800K
- RGB Full colour LED.
- IP Rating IP65 or IP40.
- Insulation class III.
- Operating temperature -20°C / +40°C.
- Technical features of light fixtures in compliance with EN60598-1.
- Installation must be carried out by specialized personnel.
- Carefully follow the instructions.

CRI = 80(min)

W	L mm	Weight	Beam	Flux	CCT
24 W	5000	0,60kg	140°	1104 lm	3200K
300 LED				1128 lm	3800K
48 W	5000	0,60kg	140°	2202 lm	3200K
600 LED				2256 lm	3800K

IP65

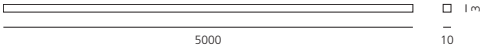
Code
NL17034VTK0
NL17034VTW0
NL17034VTK1
NL17034VTW1

IP40

Code
NL17032VTK0
NL17032VTW0
NL17032VTK1
NL17032VTW1

Driver 24Vdc SELV supplied separately

Driver	Vac	L_{mm}	W_{mm}	H_{mm}	IP	24W	48W	Code
cv 40W 24Vdc	220-240	268	66	55	67	1max		NL62040
cv 70W 24Vdc	220-240	268	66	51	67	2max	1max	NL89080
cv 70W 24Vdc	220-240	240	60	49	67	2max	1max	NL8711
cv 150W 24Vdc	220-240	268	66	51	67	5max	2max	NL62880
Connection Kit (1 male - 2 female)								NL170330



RGB

W	L mm	Weight	RGB	Beam
60 W	5000	0,60kg	16,7m	100°
240 LED				

IP65

Code
NL17037

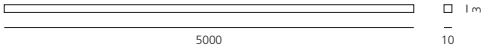
IP40

Code
NL17036

Driver 24Vdc SELV supplied separately

Driver	Vac	L_{mm}	W_{mm}	H_{mm}		Code
cv75W 12Vdc PWM	220-240	153	50	23	1max	NL19084

	Code
DSC 30 USB interface DMX stand alone	NL19030
9V/350mA ballast with mini USB connector for DSC30	NL19031
50cm cable with HE10 connector for keyboard (optional)	NL7833



Accent Lighting

656 Minispot
658 Ego Spot
664 Epulo
670 Falange
674 Obice
678 Cariddi
680 Sostituto Spot
682 Cefiso

Minispot

2007

- Light fixture with high-performance LED light sources.
- Ground, floor, wall installation.
- Consists of body, metal ring, diffuser in transparent polycarbonate.
- Body and metal ring in anticorodal aluminium, anodized.
- Silicone o-ring gaskets.
- Remote driver supplied separately.
- Power connection to the driver by means of H05RN-F cable and IP68 electrical terminal board, supplied with the fixture.
- Fixed optic. PMMA lenses in 3 different versions of beams.
- White monochromatic LEDs available in 2 colour temperatures:
  Warm = 3000K
  Neutral = 4000K
- Picket for ground installation.
- Technical features of light fixtures in compliance with EN60598-1 and part 2-13.
- IP Rating IP65.
- Insulation class III.
- Installation must be carried out by specialized personnel.
- Carefully follow the instructions.

Minispot

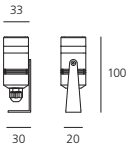
Silver

CRI 80

W	Beam	Flux	CCT	Code
2,5 W	10°	74 lm	3000 K	NL702910K0
		80 lm	4000 K	NL702910W0
	25°	74 lm	3000 K	NL702925K0
		80 lm	4000 K	NL702925W0
	40°	74 lm	3000 K	NL7029ELK0
		80 lm	4000 K	NL7029ELW0

Driver 700mA SELV supplied separately

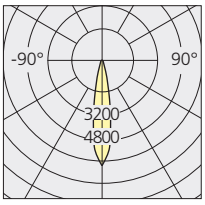
IP65



Driver	V(ac)	L_{mm}	W_{mm}	H_{mm}	IP		Code
cc 11 W 700mA	220-240	145	65	55	67	1 - 4 max	NL19024
cc 19 W 700mA	220-240	145	65	55	67	7	NL19028
cc 35 W 700mA	220-240	145	65	55	67	7 - 13 max	NL19029

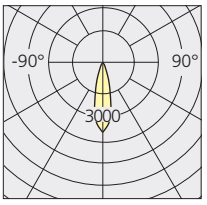
Picket in anodised metal 37 x 180mm	NL97150

2,5 W α=10°



H m	ØC0 m	ØC90 m	E lux
0,5	0,16	0,16	1923
1	0,32	0,32	481
1,5	0,48	0,48	214
2	0,64	0,64	120
2,5	0,80	0,80	77
3	0,96	0,96	53

2,5 W α=25°



H m	ØC0 m	ØC90 m	E lux
0,5	0,23	0,23	1034
1	0,46	0,46	259
1,5	0,69	0,69	115
2	0,92	0,92	65
2,5	1,15	1,15	41
3	1,39	1,39	29

Ego Spot

2005

- Light fixture with high-performance LED light sources.
- Ground, floor, wall installation.
- Consists of body, frame, glass and bracket.
- Aluminium folded sheet bracket. All aluminium components are anodized.
- Diffuser in glass, 10mm-thick.
- Gaskets in EPDM.
- Remote driver supplied separately.
- Power connection to the driver by means of H05RN-F cable and IP68 electrical terminal board, supplied with the fixture.
- Fixed optic. PMMA lenses in 3 different versions of beams.
- White monochromatic LEDs available in 2 colour temperatures:
  Warm = 3000K
  Neutral = 4000K
- Picket for ground installation in galvanized sheet iron.
- Painted aluminium with 2-stage outdoor treatment: antioxidant primer, polyester paint.
- Technical features of light fixtures in compliance with EN60598-1 and part 2-13.
- IP Rating IP65.
- Insulation class III.
- Installation must be carried out by specialized personnel.
- Carefully follow the instructions.

algeria
algeria | algérie

Spot optic

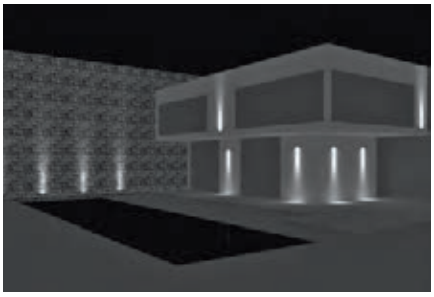
Concentrated luminous flow to highlight details avoiding unwanted light dispersion.

Medium optic

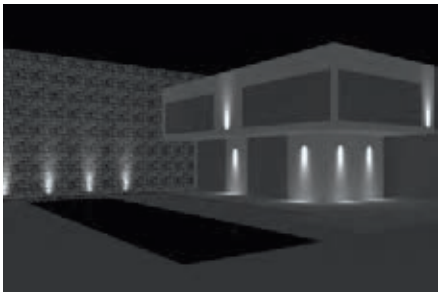
Medium luminous flux to highlight details, large sections of windows.

Wallwasher optic

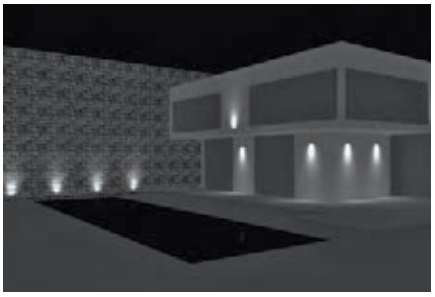
Elliptical distribution of the luminous flow suitable for wallwasher effect.

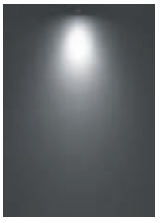


10° optic



32° optic





40°x20° optic

Ego

Silver grey

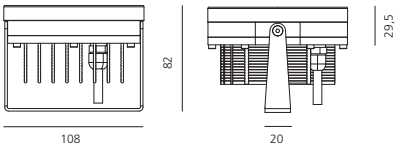
Ego Spot 6 24Vdc

W	Beam	CRI	Flux	CCT	Code
12 W	10°	80	826 lm	3000K	T7633SPW00
			881 lm	4000K	T7633SPN00
	32°	80	740 lm	3000K	T7633FLW00
			789 lm	4000K	T7633FLN00
	40°x20°	80	732 lm	3000K	T7633ELPTW00
			781 lm	4000K	T7633ELPTN00

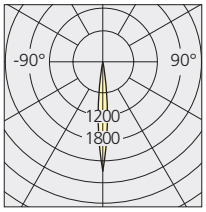
Driver 24Vdc SELV supplied separately

IP65

Driver	40W	24Vdc	IP67	3 max	NL62040
Driver	70W	24Vdc	IP67	5 max	NL89080
Driver	150W	24Vdc	IP67	10 max	NL62880
Picket					NL97150



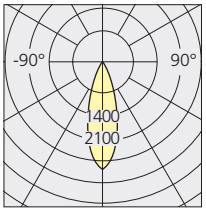
12 W 4000 K **α=10°**



C = 0°-180° Cd/Klm
C = 90°-270°

H m	Ø m	EMax lux	EMed lux
1	0,17	23323	14211
2	0,34	5831	3553
3	0,51	2591	1579
4	0,69	1458	888
5	0,86	933	568

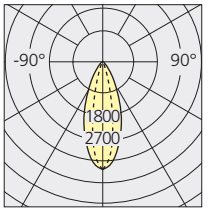
12 W 4000 K **α=32°**



C = 0°-180° Cd/Klm
C = 90°-270°

H m	Ø m	EMax lux	EMed lux
1	0,56	2424	1453
2	1,12	606	363
3	1,68	269	161
4	2,24	151	91
5	2,81	97	58

12 W 4000 K **α=40°x20°**



C = 0°-180° Cd/Klm
C = 90°-270°

H m	Ø m	EMax lux	EMed lux
1	0,72	3067	1796
2	1,44	767	449
3	2,16	341	200
4	2,89	192	112
5	3,61	123	72

Ego Spot 72 RGB

W	Beam	Code
12W RGB	30°	NL75230

Driver 24Vdc SELV supplied separately

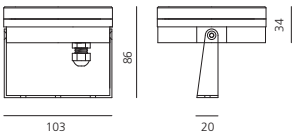
LED driver NLX 2-70	IP65	70W	24Vdc	PWM	5 max	NL81260
LED driver NLX 2-100	IP65	100W	24Vdc	PWM	7 max	NL84100

PWM driver for fixtures with autonomous colour programmes for stand-alone or controlled working by means of DMX 512 protocol for installations of all sizes.

IP65

DSC 30 USB interfaced DMX stand alone	NL19030

Digital interface provided with software. If connected to the PC USB port, it transforms the programme instructions into DMX 512 control signals.
DSC30 (512 DMX controllable channels, real-time clock, local use) allows computer-interactive programming and stand-alone mode, i.e. the possibility of autonomous interface repetition without PC connection.



9V/350mA ballast with mini USB connector for DSC30	NL19031
50cm-long Cable with HE10 connector for connection to a keyboardm	NL7833
Picket	NL50035

Epulo

Ernesto Gismondi
2012

- Light fixture with adjustable direct emission, with high-performance LED light sources.
- Floor, wall and eaves installation.
- 2 sizes: Epulo 13 and Epulo 18.
- Available in two finishes: grey-white painted and anthracite grey painted.
- Consists of lighting unit, terminal board and fixing bracket. Rotation on the base +/-180°, side body tilt +/-45° and front body tilt +0/-90 by means of a spherical joint allowing an accurate adjustment.
- Body and terminal board in EN AB44100 aluminium, fixing bracket in stainless steel, silicone gaskets. Electronic ballast integrated in the body.
- Silkscreened tempered glass siliconed flush with the body to avoid backwater.
- IP67 connector for electric connection to the mains, it can be housed in the terminal board compartment and is suitable for cables with a diameter of 5-13.5mm.
- PMMA lenses in 3 different versions of beams.
- White monochromatic LEDs available in 2 colour temperatures:
  Warm = 3000K
  Neutral = 4000K
- Screws in AISI 316 stainless steel.
- The components in die-cast aluminium and the steel bracket are painted with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Technical features of light fixtures in compliance with EN60598-1 and part 2-5.
- IP Rating IP65.
- Insulation class I.

Maximum adjustment flexibility (rotation 360º, front tilting 180º, side tilting 90°).

Nano ceramic paint ensures very high resistance to corrosion.

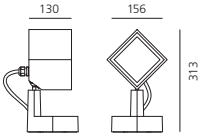
Epulo 13

Grey-white RAL9002 ○ Anthracite grey ●

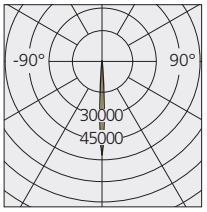
W	Beam	CCT	CRI	Flux	Color	Code
22 W	6°	3000 K	80	1231 lm	○	T418910W00
					●	T418910W10
		4000 K	80	1323 lm	○	T418910N00
					●	T418910N10
	40°	3000 K	80	1187 lm	○	T418939W00
					●	T418939W10
		4000 K	80	1276 lm	○	T418939N00
					●	T418939N10
	54°x6°	3000 K	80	1198 lm	○	T4189ELW00
					●	T4189ELW10
		4000 K	80	1288 lm	○	T4189ELN00
					●	T4189ELN10

IP65 IK06

220/240Vac 50/60Hz electronic ballast included



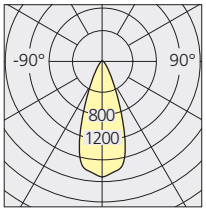
22 W 4000 K **α=6°**



C = 0°-180° Cd/Klm
C = 90°-270°

H m	Ø m	EMax lux	EMed lux
1	0,09	74555	47384
2	0,19	18639	11846
3	0,28	8284	5265
4	0,37	4660	2962
5	0,47	2982	1895

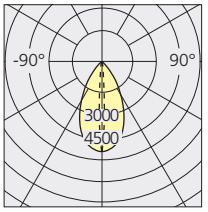
22 W 4000 K **α=40°**



C = 0°-180° Cd/Klm
C = 90°-270°

H m	Ø m	EMax lux	EMed lux
1	0,71	2429	1525
2	1,42	607	381
3	2,14	270	169
4	2,85	152	95
5	3,56	97	61

22 W 4000 K **α=54°x6°**



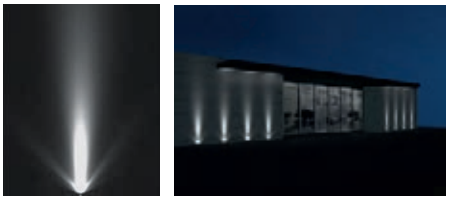
C = 0°-180° Cd/Klm
C = 90°-270°

H m	Ø m	EMax lux	EMed lux
1	1,04	6575	4085
2	2,07	1644	1021
3	3,11	731	454
4	4,15	411	255
5	5,18	263	163

Spot optic

Concentrated luminous flow to highlight details avoiding unwanted light dispersion.

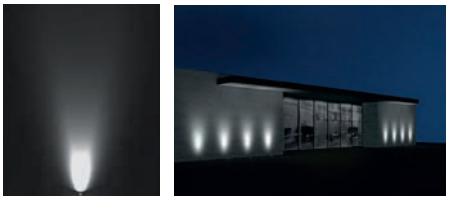
6° optic.



Flood optic

Wide luminous flow suitable for lighting large areas.

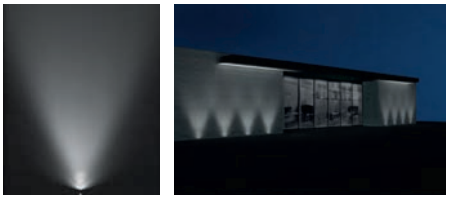
40° optic.



Wallwasher optic

Elliptical distribution of the luminous flow suitable for wallwasher effect.

54°x6° optic



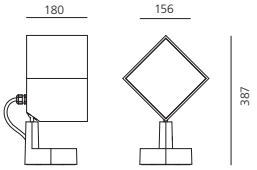
Epulo 18

Grey-white RAL9002 ○ Anthracite grey ●

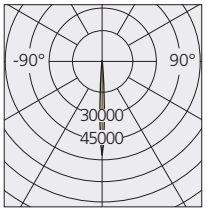
W	Beam	CCT	CRI	Flux	Color	Code
37 W	6°	3000 K	80	2188 lm	○	T418810W00
					●	T418810W10
		4000 K	80	2353 lm	○	T418810N00
					●	T418810N10
	40°	3000 K	80	2110 lm	○	T418839W00
					●	T418839W10
		4000 K	80	2269 lm	○	T418839N00
					●	T418839N10
	54°x6°	3000 K	80	2136 lm	○	T4188ELW00
					●	T4188ELW10
		4000 K	80	2297 lm	○	T4188ELN00
					●	T4188ELN10

IP65 **IK**06

220/240Vac 50/60Hz electronic ballast included



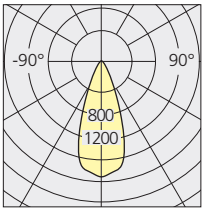
37 W 4000 K **α=6°**



C = 0°-180° Cd/Klm
C = 90°-270°

H m	Ø m	EMax lux	EMed lux
1	0,09	132541	84238
2	0,19	33135	21059
3	0,28	14727	9360
4	0,37	8284	5265
5	0,47	5302	3370

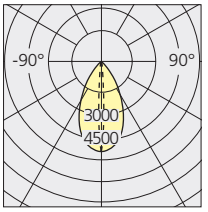
37 W 4000 K **α=40°**



C = 0°-180° Cd/Klm
C = 90°-270°

H m	Ø m	EMax lux	EMed lux
1	0,71	4318	2712
2	1,42	1079	678
3	2,14	480	301
4	2,85	270	169
5	3,56	173	108

37 W 4000 K **α=54°x6°**



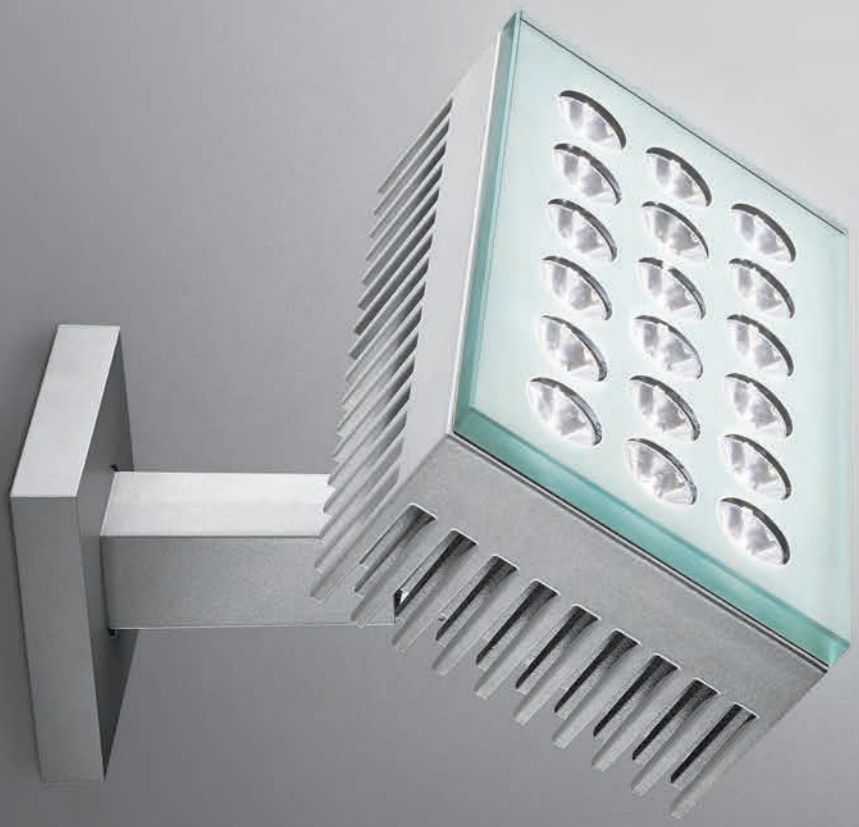
C = 0°-180° Cd/Klm
C = 90°-270°

H m	Ø m	EMax lux	EMed lux
1	1,04	11722	7284
2	2,07	2930	1821
3	3,11	1302	809
4	4,15	733	455
5	5,18	469	291

Danese Miano, Milan - (IT)

Falange

Wilmotte & Industries
2011



- Adjutable light fixture with direct emission, with high-performance LED light sources.
- Ground, wall, eaves installation.
- 2 sizes: 134x134, 238x134 mm.
- Composed by adjustable lighting unit and support (housing the wiring). Rotation on the base +/-60°, body tilt +/-180° by means of a graduated metal ring allowing an accurate adjustment. Positioning is maintained by means of locking dowels.
- Body and support in EN AB44100 aluminium, silicone gaskets.
- Electronic ballast integrated in the body.
- Silkscreened tempered glass siliconed to a secondary frame.
- Wiring to be carried out by means of plug IP 68.
- PMMA lenses in 3 different versions of beams.
- White monochromatic LEDs available in 2 colour temperatures:
  Warm = 3000K
  Neutral = 4000K
- AISI 316 stainless steel screws.
- Painted die-cast aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Technical features of light fixtures in compliance with EN60598-1 and part 2-5.
- IP Rating IP65.
- Insulation class I.

Spot optic

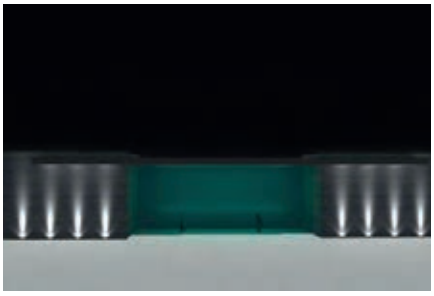
Concentrated luminous flow to highlight details avoiding unwanted light dispersion.

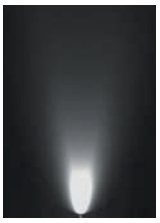
Flood optic

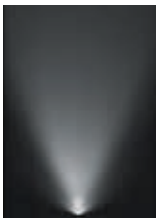
Wide luminous flow suitable for lighting large areas.

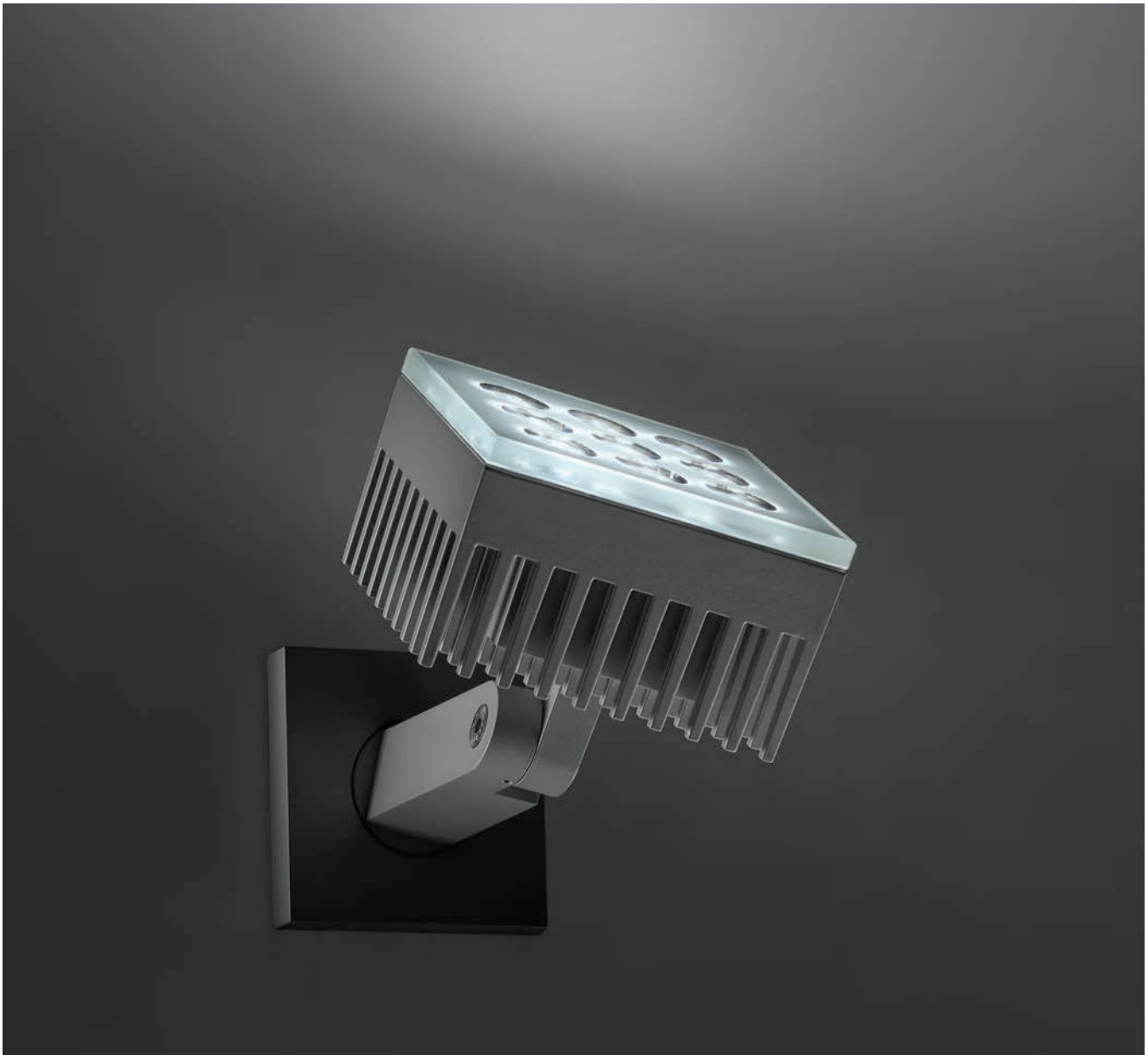
Wall Washer optic

Elliptical distribution of the luminous flow suitable for wall washer effect.









Falange

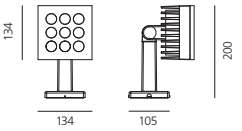
Grey-white RAL9002 ○ Anthracite grey ●

Falange 9

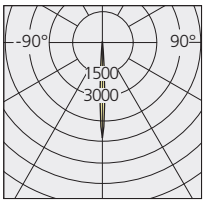
W	Beam	Flux	CCT	CRI	Color	Code
22 W	6°	1231 lm	3000 K	80	○	NL3000010K002
					●	NL3000010K005
		1324 lm	4000 K	80	○	NL3000010W002
					●	NL3000010W005
	40°	1187 lm	3000K	80	○	NL3000039K002
					●	NL3000039K005
		1276 lm	4000K	80	○	NL3000039W002
					●	NL3000039W005
	54°x6°	1198 lm	3000K	80	○	NL30000ELK002
					●	NL30000ELK005
		1288 lm	4000K	80	○	NL30000ELW002
					●	NL30000ELW005

IP65

220/240Vac 50/60Hz electronic ballast included

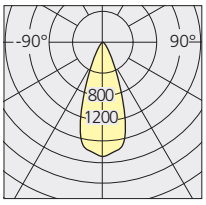


22 W 4000 K **α=6°**



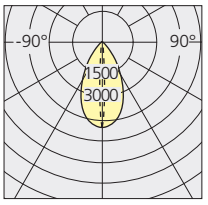
H m	Ø m	EMax lux	EM lux
1	0,09	74555	47384
2	0,19	18639	11846
3	0,28	8284	5265
4	0,37	4660	2962
5	0,47	2982	1895

22 W 4000 K **α=40°**



H m	Ø m	EMax lux	EM lux
1	0,71	2429	1525
2	1,42	607	381
3	2,14	270	169
4	2,85	152	95
5	3,56	97	61

22 W 4000 K **α=54°x6°**



C = 0°-180° Cd/Klm
C = 90°-270°

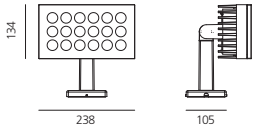
H m	Ø m	EMax lux	EM lux
1	1,04	6575	4085
2	2,07	1644	1021
3	3,11	731	454
4	4,15	411	255
5	5,18	263	163

Falange 18

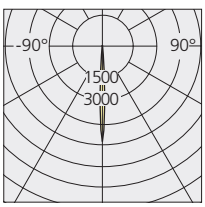
W	Beam	Flux	CCT	CRI	Color	Code
44 W	6°	2462 lm	3000 K	80	○	NL3000110K002
					●	NL3000110K005
		2647 lm	4000 K	80	○	NL3000110W002
					●	NL3000110W005
	40°	2374 lm	3000K	80	○	NL3000139K002
					●	NL3000139K005
		2553 lm	4000K	80	○	NL3000139W002
					●	NL3000139W005
	54°x6°	2397 lm	3000K	80	○	NL30001ELK002
					●	NL30001ELK005
		2577 lm	4000K	80	○	NL30001ELW002
					●	NL30001ELW005

IP65

220/240Vac 50/60Hz electronic ballast included

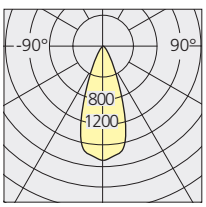


44 W 4000 K **α=6°**



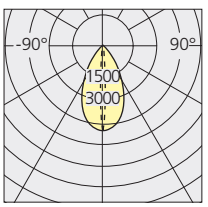
H m	Ø m	EMax lux	EM lux
1	0,09	149109	94768
2	0,19	37277	23692
3	0,28	16568	10530
4	0,37	9319	5923
5	0,47	5964	3791

44 W 4000 K **α=40°**



H m	Ø m	EMax lux	EM lux
1	0,71	4858	3051
2	1,42	1214	763
3	2,14	540	339
4	2,85	304	191
5	3,56	194	122

44 W 4000 K **α=54°x6°**



C = 0°-180° Cd/Klm
C = 90°-270°

H m	Ø m	EMax lux	EM lux
1	1,04	13149	8171
2	2,07	3287	2043
3	3,11	1461	908
4	4,15	822	511
5	5,18	526	327

Obice

Alessandro Pedretti
(Studio Rota & Partners)
2014

- Lights fixture with high-performance LED light sources.
- Wall installation.
- Consist of: body, adjustable joint, terminal board and protective screen.
- Body in injection mould of aluminium.
- Terminal base and adjustable joint in injection mould of aluminium.
- Flange, protection screen in tempered glass, 4mm-thick, with black opal serigraphy.
- 24Vdc remote driver.
- White monochromatic LEDs available in 2 colour temperatures:
  Warm = 3000K
  Neutral = 4000K
- Tilting angle +35°/-125°
- Rotation on horizontal axis: 359°.
- Wiring to be carried out by means of a plug (IP68) located in the terminal base.
- IP Rating IP65.
- Insulation class I (Obice), insulation class III (Obice mini).
- Technical features of light fixtures in compliance with EN60598-1.
- Installation must be carried out by specialized personnel.
- Carefully follow the instructions.

Obice

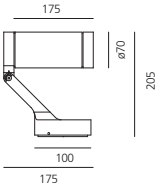
White ○ Black ●

Obice

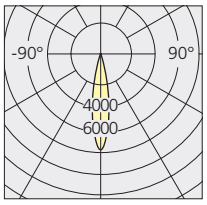
W	Beam	CRI	Flux	CCT	Color	Code
10 W	18°	80	670 lm	3000 K	●	T430518W10
					○	T430518W20
			720 lm	4000 K	●	T430518N10
					○	T430518N20
	34°	80	605 lm	3000 K	●	T430534W10
					○	T430534W20
			650 lm	4000 K	●	T430534N10
					○	T430534N20

220/240Vac 50/60Hz electronic ballast included

IP65 **IK**06

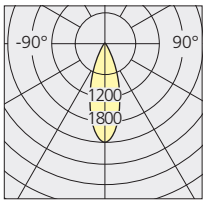


10 W 4000K α=18°



H m	Ø m	EMax lux	EMed lux
1	0,35	5581	3470
2	0,69	1395	867
3	1,04	620	386
4	1,38	349	217
5	1,37	223	139

10 W 4000K α=34°



H m	Ø m	EMax lux	EMed lux
1	0,61	1570	937
2	1,23	392	234
3	1,84	174	104
4	2,45	98	59
5	3,07	63	37

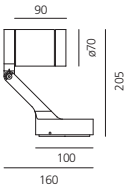
Obice Mini

W	Beam	CRI	Flux	CCT	Color	Code
7 W	18°	80	505 lm	3000 K	●	T430418W10
					○	T430418W20
			540 lm	4000 K	●	T430418N10
					○	T430418N20
	34°	80	460 lm	3000 K	●	T430434W10
					○	T430434W20
			495 lm	4000 K	●	T430434N10
					○	T430434N20

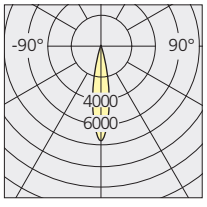
Driver 24Vdc SELV supplied separately

Driver	Vac	L_{mm}	W_{mm}	H_{mm}	IP		Code
cv 12 W 24Vdc	220-240	145	65	55	65	1max	NL11027
cv 40 W 24Vdc	220-240	139	65	50	67	3max	NL62040
cv 70 W 24Vdc	220-240	182	42	18	67	8max	NL89080
cv 150 W 24Vdc	220-240	235	66	51	67	18max	NL62880

IP65 **IK**06

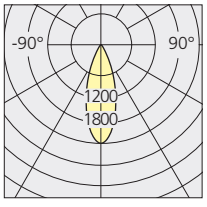


7 W 4000K α=18°



H m	Ø m	EMax lux	EMed lux
1	0,35	4185	2602
2	0,69	1046	651
3	1,04	465	289
4	1,38	262	163
5	1,37	167	104

7 W 4000K α=34°



H m	Ø m	EMax lux	EMed lux
1	0,61	1195	713
2	1,23	299	178
3	1,84	133	79
4	2,45	75	45
5	3,07	48	29

Accessories

	Color	Code
Accessories holder	○	T430600020
	●	T430600010
Lens for elliptical emission		T430700000

Cariddi

Ernesto Gismondi
2013

CARIDDI 30 / CARIDDI 40
OPTICS 12°

CARIDDI 30
OPTICS 16° - 35°

CARIDDI 40
OPTICS 17° - 36°

- Monochromatic LED projector.
- Floor, wall, ceiling, eaves installation.
- Consists of an adjustable lighting unit and terminal board. Rotation on the base +/-180°, body tilting +/-130. Positioning is maintained by means of locking dowels.
- The base and the lighting unit are connected by a H05RN-F cable.
- EN AB47100 aluminium head and terminal board, EN AW6060 aluminium body, silicone gaskets.
- Electronic ballast integrated in the body.
- Silicone-sealed silk-screened tempered glass.
- Wiring to be performed inside the terminal board by piercing an IP65 grommet suitable for 8-12mm diameter cables.
- LED COB with PMMA lens and anodized aluminium reflector in 3 different beam versions.
- Available in 2 different powers.
- All the screws used outside the product are in AISI 316 stainless steel.
- All the components in die-cast aluminium are painted with 3-stage outdoor treatment: nanotechnologies, anti-oxidizing primer, polyester paint.
- Technical features of the light fixtures in compliance with EN60598-1 and section 2-5.
- IP Rating IP65
- Insulation class I

Cariddi

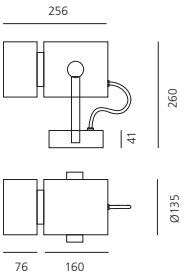
Anthracite grey

Cariddi 30

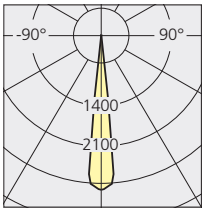
W LED COB	CRI	Beam	CCT	Flux	Color	Code
27 W	80	12°	3000 K	229 lm	●	T418610W00
			4000 K	246 lm	●	T418610N00
		16°	3000 K	1638 lm	●	T418620W00
			4000 K	1753 lm	●	T418620N00
		35°	3000 K	1468 lm	●	T418640W00
			4000 K	1571 lm	●	T418640N00

220/240Vac 50/60Hz electronic ballast included

IP65 **IK**07



27 W 4000 K **α=12°**

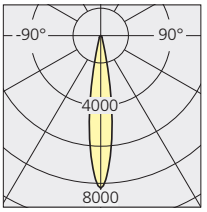


C = 0°-180° Cd/Klm
C = 90°-270°

H m	Ø m	EMax lux	EMed lux
1	0,20	7114	5216
2	0,41	1778	1304
3	0,61	790	580
4	0,82	445	326
5	1,02	285	209

α=11,6°

27 W 4000 K **α=16°**

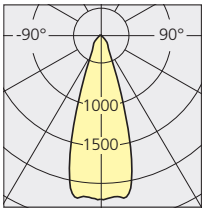


C = 0°-180° Cd/Klm
C = 90°-270°

H m	Ø m	EMax lux	EMed lux
1	0,28	14345	9130
2	0,55	3586	2283
3	0,83	1594	1014
4	1,11	897	571
5	1,38	574	365

α=15,8°

27 W 4000 K **α=35°**



C = 0°-180° Cd/Klm
C = 90°-270°

H m	Ø m	EMax lux	EMed lux
1	0,62	3602	2409
2	1,25	900	602
3	1,87	400	268
4	2,49	225	151
5	3,11	144	96

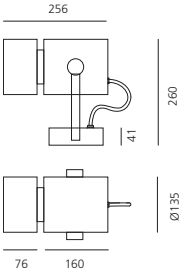
α=34,6°

Cariddi 40

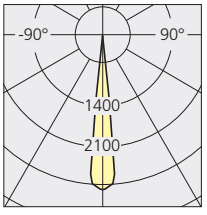
W LED COB	CRI	Beam	CCT	Flux	Color	Code
40 W	80	12°	3000 K	356 lm	●	T418710W00
			4000 K	356 lm	●	T418710N00
		17°	3000 K	2322 lm	●	T418720W00
			4000 K	2322 lm	●	T418720N00
		36°	3000 K	2405 lm	●	T418740W00
			4000 K	2405 lm	●	T418740N00

220/240Vac 50/60Hz electronic ballast included

IP65 **IK**07



40 W 4000 K **α=12°**

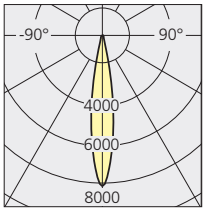


C = 0°-180° Cd/Klm
C = 90°-270°

H m	Ø m	EMax lux	EMed lux
1	0,20	10295	7549
2	0,41	2574	1887
3	0,61	1144	839
4	0,82	643	472
5	1,02	412	302

α=11,6°

40 W 4000 K **α=17°**

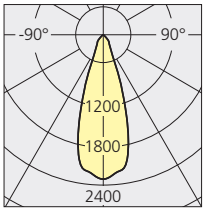


C = 0°-180° Cd/Klm
C = 90°-270°

H m	Ø m	EMax lux	EMed lux
1	0,30	18876	11802
2	0,59	4719	2950
3	0,89	2097	1311
4	1,18	1180	738
5	1,48	755	472

α=16,8°

40 W 4000 K **α=36°**



C = 0°-180° Cd/Klm
C = 90°-270°

H m	Ø m	EMax lux	EMed lux
1	0,66	5249	3357
2	1,32	1312	839
3	1,98	583	373
4	2,63	328	210
5	3,29	210	134

α=36,8°

Sostituto Spot

Ernesto Gismondi
2013

- Light fixture with direct emission, with monochromatic LED light sources.
- Floor, wall, eaves installation.
- Consists of lighting unit, wiring terminal board and fixing plate. Rotation on the base +/-10°, body tilting +/-80. Positioning is maintained by means of locking dowels.
- EN AB47100 aluminium body and terminal board, silicone gaskets. Electronic ballast integrated in the body.
- Polycarbonate diffuser silicone-sealed to the lens supporting unit.
- Composed by 3 interchangeable optical units.
- IP67 connector for the electrical connection to the mains, which can be located in the base compartment and is suitable for 5-13.5mm diameter cables.
- LED circuits with PMMA lenses in 3 beam versions: 9°, 24° and elliptical 12x40°
- All the screws used outside the product are in AISI 316 stainless steel.
- All the components in die-cast aluminium are painted with 3-stage outdoor treatment: nanotechnologies, anti-oxidizing primer, polyester paint.
- Technical features of the lighting fixtures in compliance with EN60598-1 and section 2-5.
- IP Rating IP66.
- Protection level from 4KV impulse overvoltage.
- Insulation class II.

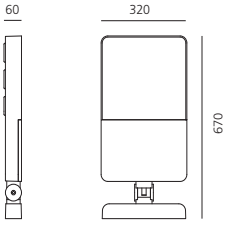
Sostituto Spot

Anthracite grey

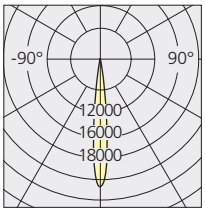
W	CCT	CRI	Flux	Beam	Color	Code
105 W	4000 K	80	7526 lm	9°	●	T418410N00
			7600 lm	24°	●	T418423N00
			7207 lm	12x40°	●	T4184ELN00

220/240Vac 50/60Hz electronic ballast included

IP65 **IK**10



105 W 4000 K **α=9°**

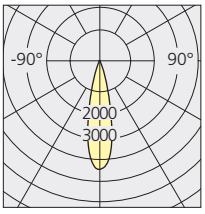


C = 0°-180°
C = 90°-270°
Cd/Klm

H m	Ø m	EMax lux	EMed lux
1	0,16	165008	111224
2	0,32	41252	27806
3	0,47	18334	12358
4	0,63	10313	6952
5	0,79	6600	4449

α=9°

105 W 4000 K **α=24°**

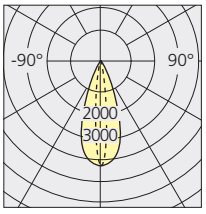


C = 0°-180°
C = 90°-270°
Cd/Klm

H m	Ø m	EMax lux	EMed lux
1	0,42	37508	23578
2	0,83	9377	5894
3	1,25	4168	2620
4	1,66	2344	1474
5	2,08	1500	943

α=24°

105 W 4000 K **α=12°x40°**



C = 0°-180°
C = 90°-270°
Cd/Klm

H m	Ø m	EMax lux	EMed lux
1	0,73	37981	24490
2	1,45	9495	6123
3	2,18	4220	2721
4	2,91	2374	1531
5	3,64	1519	980

α=12°x40°

Spot optic

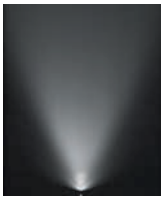
Concentrated luminous flow to highlight details avoiding unwanted light dispersion.
9° optic

Flood optic

Wide luminous flow suitable for lighting large areas.
24° optic

Wall Washer optic

Elliptical distribution of the luminous flow suitable for wall washer effect.
12°x40° optic



Cefiso

Alessandro Pedretti
(Studio Rota & Partners)
2011

- Light fixture with adjustable direct emission, with high-performance LED light sources.
- Floor, wall and eaves installation.
- 2 sizes: Cefiso 14, Cefiso 20.
- Available in two finishes: grey-white painted and anthracite grey painted.
- Consists of adjustable lighting unit and terminal board. Rotation on the base +/-180°, body tilting +/-90° by means of a graduated metal ring allowing an accurate adjustment. Positioning is maintained by means of locking dowels.
- Body and terminal board in EN AB44100 aluminium, silicone gaskets.
- Electronic ballast integrated in the body.
- Silkscreened tempered glass siliconed flush with the body to avoid backwater.
- Wiring to be carried out inside the terminal board by piercing an IP65 grommet suitable for cables with a diameter of 8-13 mm.
- PMMA lenses in 3 different versions of beams.
- White monochromatic LEDs available in 2 colour temperatures:
  Warm = 3000K
  Neutral = 4000K
- Screws in AISI 316 stainless steel.
- Painted die-cast aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Technical features of light fixtures in compliance with EN60598-1 and part 2-5.
- IP Rating IP65.
- ENEC approved.
- Insulation class I.

reddot design award
2012

Cefiso

Spot optic

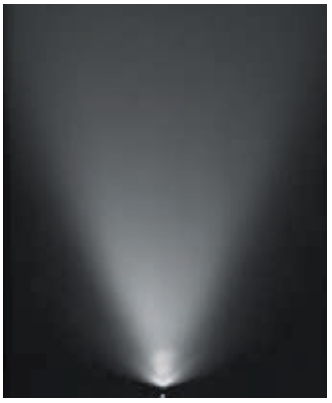
Concentrated luminous flow to highlight details avoiding unwanted light dispersion.
6° optic

Flood optic

Wide luminous flow suitable for lighting large areas.
40° optic

Wall Washer optic

Elliptical distribution of the luminous flow suitable for wall washer effect.
34°x6° optic



Centro Servizi dello Studentato Universitario, Trento - IT
Progect: Studio Palerm and Tabares de Nava s.L. Arquitectos + CLA SdS Engeneering, ing Luca Masini

Cefiso

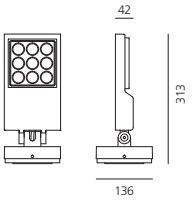
Grey-white RAL9002 ○ Anthracite grey ●

Cefiso 14

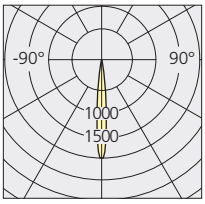
W	Beam	CRI	Flux	CCT	Color	Code
22 W	6°	80	1231 lm	3000 K	○	T418010W00
					●	T418010W10
			1323 lm	4000K	○	T418010N00
					●	T418010N10
	40°	80	1187 lm	3000K	○	T418039W00
					●	T418039W10
			1276 lm	4000K	○	T418039N00
					●	T418039N10
	34°x6°	80	1198 lm	3000K	○	T4180ELW00
					●	T4180ELW10
			1288 lm	4000K	○	T4180ELN00
					●	T4180ELN10

IP65 **IK**10

220/240Vac 50/60Hz electronic ballast included



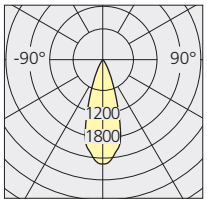
22 W 4000 K **α=6°**



H m	Ø m	EMax lux	EM lux
1	**0,19**	21271	13906
2	**0,37**	5318	3477
3	**0,56**	2363	1545
4	**0,75**	1329	869
5	**0,94**	851	556

—— C = 0°-180° Cd/Klm
····· C = 90°-270°
α = 10°

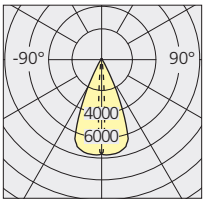
22 W 4000 K **α=40°**



H m	Ø m	EMax lux	EM lux
1	**0,62**	2228	1407
2	**1,23**	557	352
3	**1,85**	248	156
4	**2,47**	139	88
5	**3,08**	89	56

—— C = 0°-180° Cd/Klm
····· C = 90°-270°
α = 34°

22 W 4000 K **α=34°x6°**



H m	Ø m	EMax lux	EM lux
1	**0,89**	7330	4838
2	**1,78**	1833	1210
3	**2,67**	814	538
4	**3,55**	458	302
5	**4,44**	293	194

—— C = 0°-180° Cd/Klm
····· C = 90°-270°
α = 7,4x47,8°

Cefiso

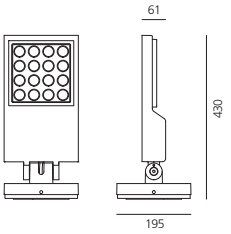
Grey-white RAL9002 ○ Anthracite grey ●

Cefiso 20

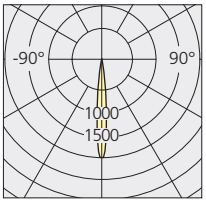
W	Beam	CRI	Flux	CCT	Color	Code
37 W	6°	80	2188 lm	3000 K	○	T418110W00
					●	T418110W10
			2353 lm	4000K	○	T418110N00
					●	T418110N10
	40°	80	2110 lm	3000K	○	T418139W00
					●	T418139W10
			2269 lm	4000K	○	T418139N00
					●	T418139N10
	34°x6°	80	2136 lm	3000K	○	T4181ELW00
					●	T4181ELW10
			2297 lm	4000K	○	T4181ELN00
					●	T4181ELN10

IP65 **IK**10

220/240Vac 50/60Hz electronic ballast included



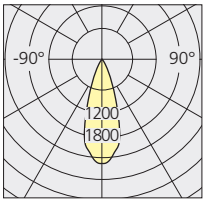
37 W 4000 K **α=6°**



H m	Ø m	EMax lux	EM lux
1	0,19	37834	24734
2	0,37	9458	6183
3	0,56	4204	2748
4	0,75	2365	1546
5	0,94	1513	989

C = 0°-180° Cd/Klm
C = 90°-270°
α=10°

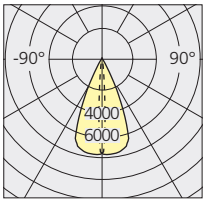
37 W 4000 K **α=40°**



H m	Ø m	EMax lux	EM lux
1	0,62	3958	2499
2	1,23	990	625
3	1,85	440	278
4	2,47	247	156
5	3,08	158	100

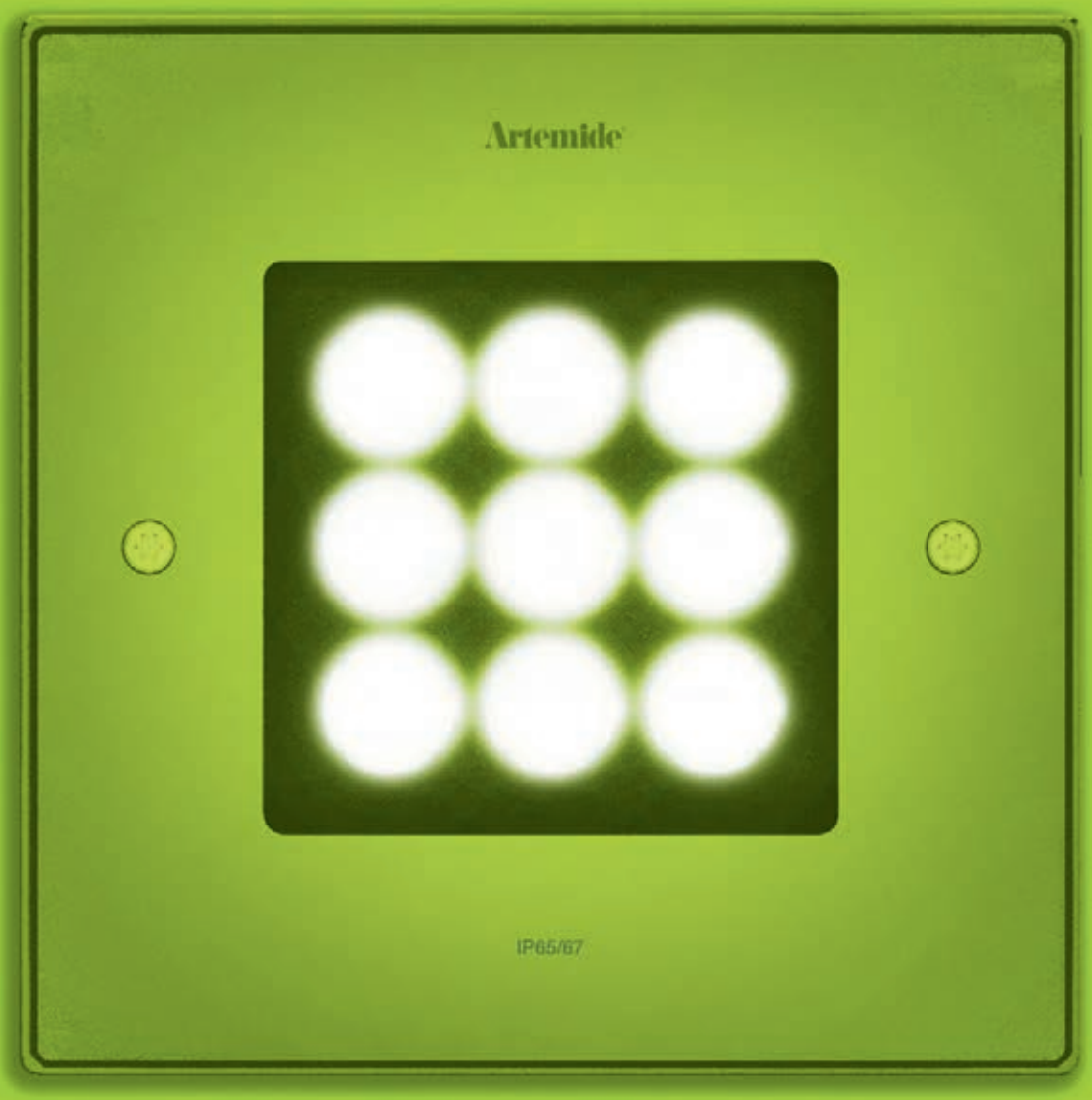
C = 0°-180° Cd/Klm
C = 90°-270°
α=34°

37 W 4000 K **α=34°x6°**



H m	Ø m	EMax lux	EM lux
1	0,89	13037	8605
2	1,78	3259	2151
3	2,67	1449	956
4	3,55	815	538
5	4,44	521	344

C = 0°-180° Cd/Klm
C = 90°-270°
α=7,4x47,8°

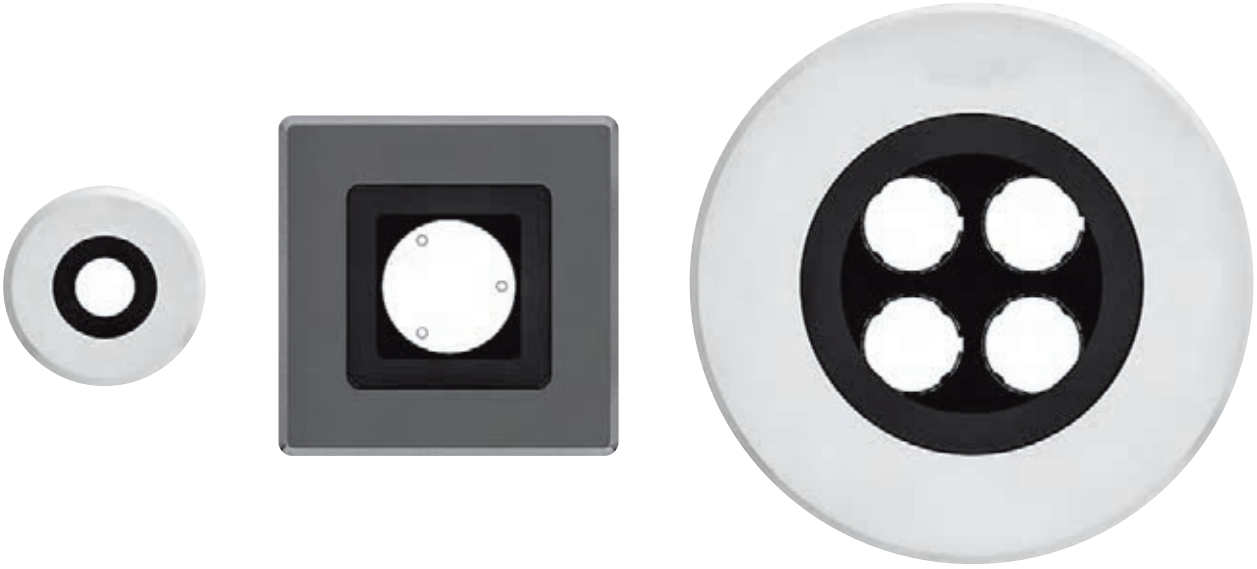

Artemide
IP65/67

Downlighting
Walk-over/Drive-over Lighting
Indicator Lighting

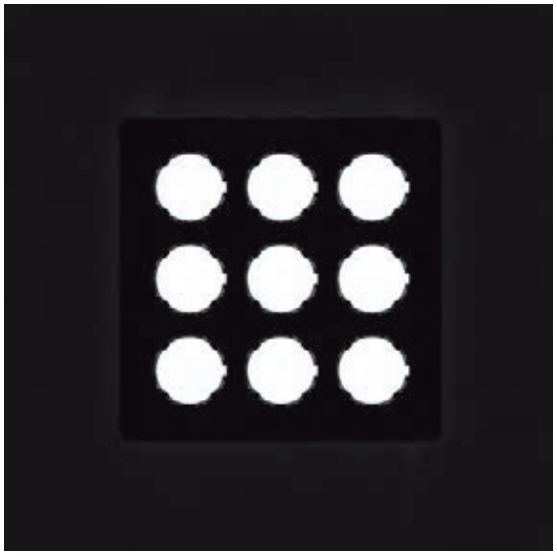
690 Ego downlight
710 Ego walk-over / drive-over
726 Megara
734 Microled
738 Aria
742 Faci
752 Percorso

Ego downlight

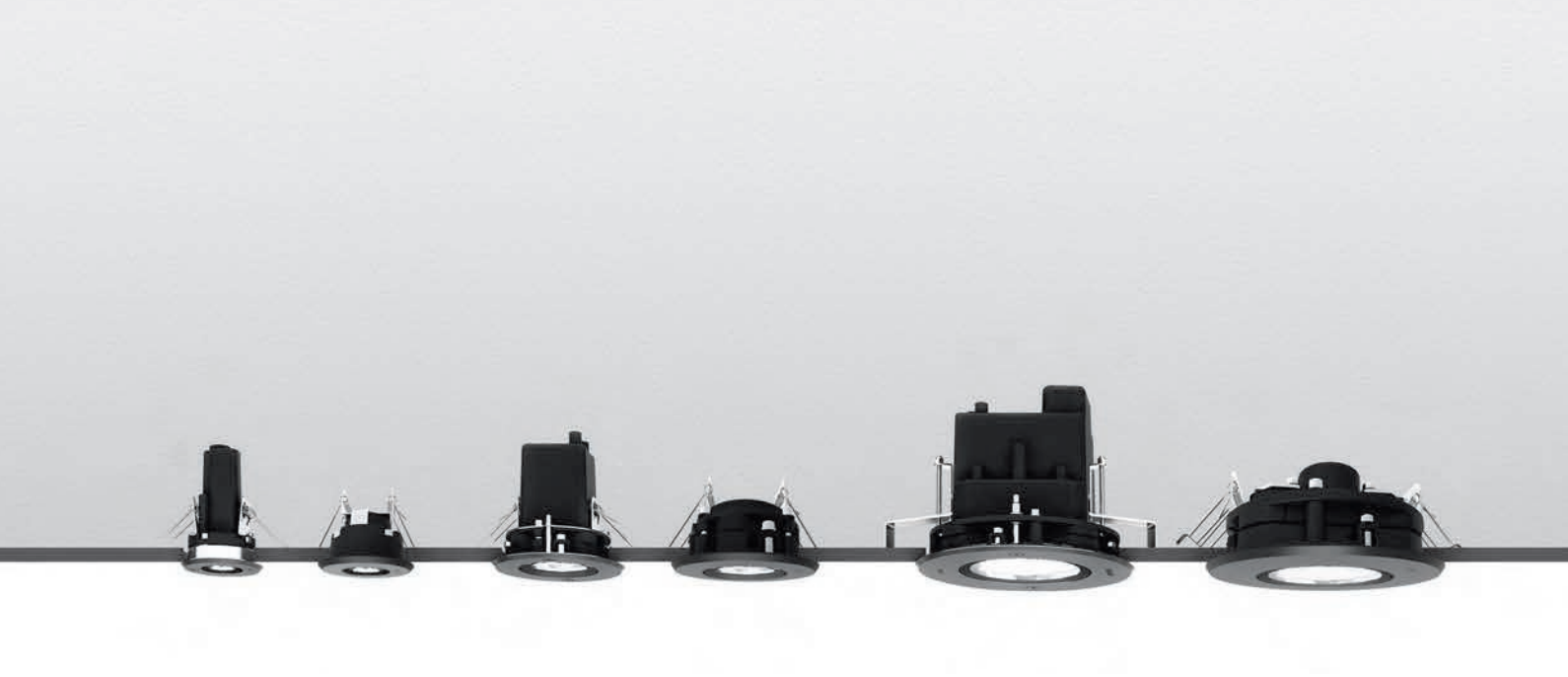
2012



- Light fixture with high-performance LED light sources.
- Ceiling installation.
- Two different housing depths.
- Round and square version in five sizes.
- Consists of body, frame, black silkscreened tempered glass, fixing springs.
- Body in EN AB44100 aluminium, silicone gaskets.
- Frame in aluminium or stainless steel AISI 316.
- Black silkscreened tempered glass, 8mm-thick.
- Fixing springs in harmonic iron.
- Power connection to the mains by means of a H05RN-r cable
  and IP68 electrical terminal board, supplied with the fixture.
- Glass surface temperature lower than 40°C.
- Fixed and adjustable optics. PMMA lenses in 3 different versions of beams.
- White monochromatic LEDs available in 2 colour temperatures:
  Warm = 3000K
  Neutral = 4000K
- Painted die-cast aluminium with 3-stage outdoor treatment: nanotechnologies, anti-oxydant primer, polyester paint.
- Technical features of light fixtures in compliance with EN60598-1 and part 2-13.
- IP Rating IP65.
- Insulation class III (Ego 55-90, Ego Flat).
  Insulation class I (Ego).



Ego downlight



Ego 55 downlight
Recessed depth 94 mm

⌀ 47 ±1 mm

max 35 mm

Ego 90 downlight
Recessed depth 90 mm

⌀ 80 ±2 mm

max 35 mm

Ego 150 downlight
Recessed depth 120 mm

⌀ 135 ±2 mm

□ 135 ±2 mm

max 40 mm

Ego 55 downlight
Recessed depth 60 mm

⌀ 47 ±1 mm

max 40 mm

Ego 90 downlight
Recessed depth 60 mm

⌀ 80 ±2 mm

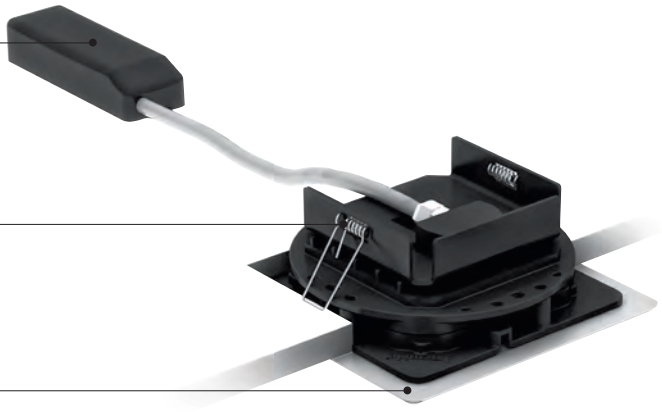
max 35 mm

Ego 150 downlight
Recessed depth 60 mm

⌀ 135 ±2 mm

□ 135 ±2 mm

max 35 mm



Remote ballast
supplied separately.
(Ego Flat, Ego 55-90)

Lighting unit
with built-in springs.

Round or square frame in aluminium
or stainless steel.
Silkscreened tempered glass.

Ego 220 downlight
Recessed depth 117 mm

⌀ 203 ±2 mm

□ 203 ±2 mm

max 40 mm

Ego 220 downlight
Recessed depth 60 mm

⌀ 203 ±2 mm

□ 203 ±2 mm

max 35 mm

Ego 320 downlight
Recessed depth 116 mm

⌀ 300 ±2 mm

□ 300 ±2 mm

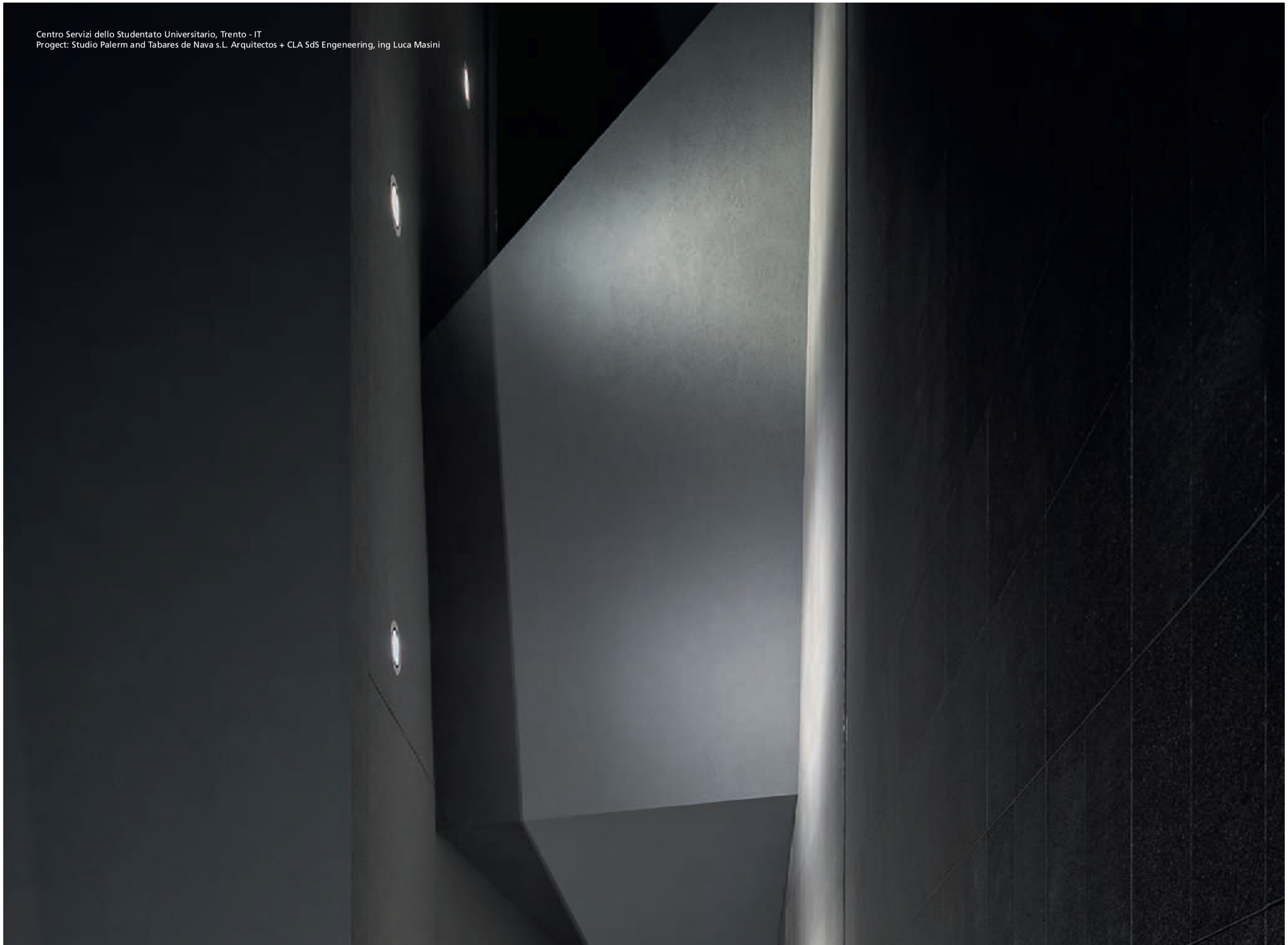
max 40 mm

Spot

Medium flood

Wall Washer

Centro Servizi dello Studentato Universitario, Trento - IT
Progect: Studio Palerm and Tabares de Nava s.L. Arquitectos + CLA SdS Engeneering, ing Luca Masini



Ego 55 downlight round

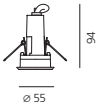
W	Beam	Flux	CRI	CCT	**Aluminium IK**09 Code	**Stainless steel IK**10 Code
1,5 W	14°	83 lm	80	3000K	T4081SPW00	T4080SPW00
		88 lm	80	4000K	T4081SPN00	T4080SPN00
	32°	76 lm	80	3000K	T4081WFLW00	T4080WFLW00
		88 lm	80	4000K	T4081WFLN00	T4080WFLN00
	16°x34°	78 lm	80	3000K	T4081ELPTW00	T4080ELPTW00
		82 lm	80	4000K	T4081ELPTN00	T4080ELPTN00

Electronic ballast 24V SELV supplied separately

Driver	25 W	T409996
Driver	60 W	T409998
Driver	90 W	T409999

Please see page 875 for drivers installation details.

IP65/ **IP**67 ø 47±1



max 35 mm

Fixed beam

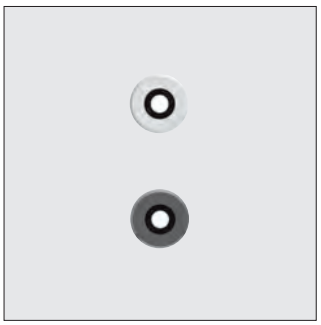
Ego 55 Flat downlight round

W	Weight	Beam	Flux	CRI	CCT	**Aluminium IK**09 Code	**Stainless steel IK**10 Code
1 W	0,60 kg	14°	83 lm	80	3000K	T42001SPW00	T42009SPW00
			88 lm	80	4000K	T42001SPN00	T42009SPN00
		32°	76 lm	80	3000K	T42001WFLW00	T42009WFLW00
			88 lm	80	4000K	T42001WFLN00	T42009WFLN00
		16°x34°	78 lm	80	3000K	T42001ELPTW00	T42009ELPTW00
			82 lm	80	4000K	T42001ELPTN00	T42009ELPTN00

Electronic ballast 24V SELV supplied separately

Driver	6 W	350mA	IP67	4 max	NL11022
Driver	11 W	350mA	IP67	3 min - 9 max	NL19019

Please see page 875 for drivers installation details.

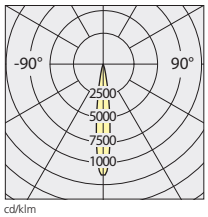


IP65/**IP**67 ø 47±1

max 40 mm

Fixed beam

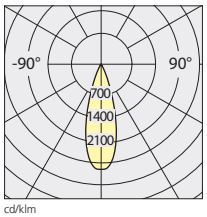
1,5 W 4000 K **α=14°**



cd/klm

H m	Ø m	EMax lux	EM lux
1	0,24	975	636
2	0,48	244	159
3	0,72	108	71
4	0,96	61	40
5	1,21	39	25

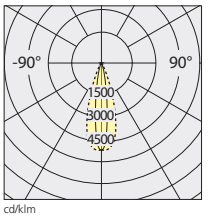
1,5 W 3000 K **α=32°**



cd/klm

H m	Ø m	EMax lux	EM lux
1	0,56	267	166
2	1,13	67	42
3	1,69	30	18
4	2,26	17	10
5	2,82	11	7

1,5 W 4000 K **α=16°x34°**



cd/klm

C0 - C180
C90 - C270

H m	Ø m	EMax lux	EM lux
1	0,27	407	262
2	0,54	102	65
3	0,81	45	29
4	1,09	25	16
5	1,36	16	10

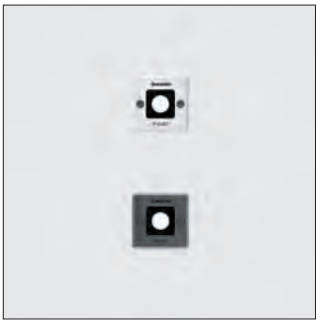
Ego 55 downlight square

W	Beam	Flux	CRI	CCT	**Aluminium IK**09 Code	**Stainless steel IK**10 Code
1,5 W	14°	83 lm	80	3000K	T4061SPW00	T4060SPW00
		88 lm	80	4000K	T4061SPN00	T4060SPN00
	32°	76 lm	80	3000K	T4061WFLW00	T4060WFLW00
		88 lm	80	4000K	T4061WFLN00	T4060WFLN00
	16°x34°	78 lm	80	3000K	T4061ELPTW00	T4060ELPTW00
		82 lm	80	4000K	T4061ELPTN00	T4060ELPTN00

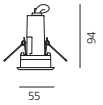
Electronic ballast 24V SELV supplied separately

Driver	25 W		T409996
Driver	60 W		T409998
Driver	90 W		T409999

Please see page 875 for drivers installation details.



IP65/ **IP**67 ø 47±1



max 35 mm

Fixed beam

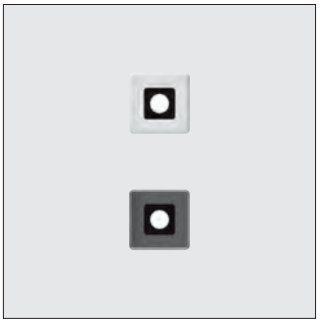
Ego 55 Flat downlight square

W	Weight	Beam	Flux	CRI	CCT	**Aluminium IK**09 Code	**Stainless steel IK**10 Code
1 W	0,60 kg	14°	83 lm	80	3000K	T42002SPW00	T42010SPW00
			88 lm	80	4000K	T42002SPN00	T42010SPN00
		32°	76 lm	80	3000K	T42002WFLW00	T42010WFLW00
			88 lm	80	4000K	T42002WFLN00	T42010WFLN00
		16°x34°	78 lm	80	3000K	T42002ELPTW00	T42010ELPTW00
			82 lm	80	4000K	T42002ELPTN00	T42010ELPTN00

Electronic ballast 24V SELV supplied separately

Driver	6 W	350mA	IP67	3 max	NL11022
Driver	11 W	350mA	IP67	3 min - 9 max	NL19019

Please see page 875 for drivers installation details.

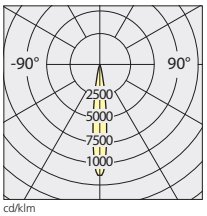


IP65/ **IP**67 ø 47±1

max 40 mm

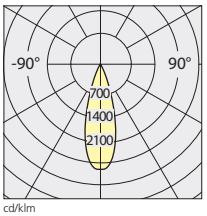
Fixed beam

1 W 4000 K **α=14°**



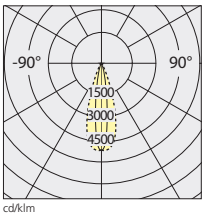
H m	Ø m	EMax lux	EM lux
1	0,24	975	636
2	0,48	244	159
3	0,72	108	71
4	0,96	61	40
5	1,21	39	25

1 W 4000 K **α=32°**



H m	Ø m	EMax lux	EM lux
1	0,56	267	166
2	1,13	67	42
3	1,69	30	18
4	2,26	17	10
5	2,82	11	7

1 W 4000 K **α=16°x34°**



H m	Ø m	EMax lux	EM lux
1	0,27	407	262
2	0,54	102	65
3	0,81	45	29
4	1,09	25	16
5	1,36	16	10

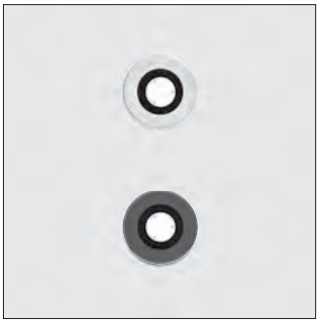
Ego 90 downlight round

W	Beam	Flux	CRI	CCT	**Aluminium IK**10 Code	**Stainless steel IK**10 Code
3 W	10°	220 lm	80	3000K	T4083SPW00	T4082SPW00
		233 lm	80	4000K	T4083SPN00	T4082SPN00
	24°	179 lm	80	3000K	T4083FLW00	T4082FLW00
		190 lm	80	4000K	T4083FLN00	T4082FLN00
	10°x40°	162 lm	80	3000K	T4083ELPTW00	T4082ELPTW00
		171 lm	80	4000K	T4083ELPTN00	T4082ELPTN00

Electronic ballast 24V SELV supplied separately

Driver	25 W		T409996
Driver	60 W		T409998
Driver	90 W		T409999

Please see page 875 for drivers installation details.



IP65/ **IP**67 ø 80±2

max 35 mm

Adjustable beam
+/- 8°

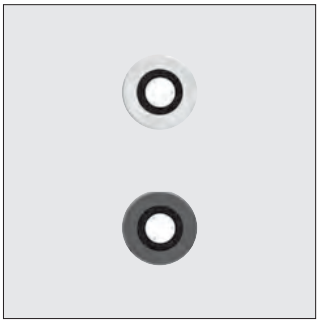
Ego 90 Flat downlight round

W	Weight	Beam	Flux	CRI	CCT	**Aluminium IK**10 Code	**Stainless steel IK**10 Code
3 W	0,60 kg	10°	220 lm	80	3000K	T42003SPW00	T42011SPW00
			233 lm	80	4000K	T42003SPN00	T42011SPN00
		24°	179 lm	80	3000K	T42003FLW00	T42011FLW00
			190 lm	80	4000K	T42003FLN00	T42011FLN00
		10°x40°	162 lm	80	3000K	T42003ELPTW00	T42011ELPTW00
			171 lm	80	4000K	T42003ELPTN00	T4201ELPTN002

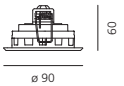
Electronic ballast 24V SELV supplied separately

Driver	6 W	350mA	IP67	1 max	NL11022
Driver	11 W	350mA	IP67	3 max	NL19019

Please see page 875 for drivers installation details.



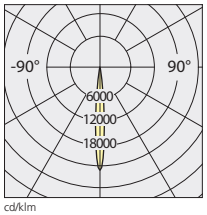
IP65/ **IP**67 ø 80±2



max 35 mm

Fixed beam

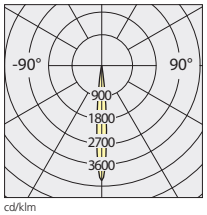
3 W 4000 K **α=10°**



cd/klm

H m	Ø m	EMax lux	EM lux
1	0,17	5725	3692
2	0,33	1431	923
3	0,50	636	410
4	0,67	358	231
5	0,83	229	148

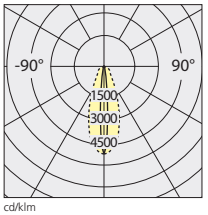
3 W 4000 K **α=24°**



cd/klm

H m	Ø m	EMax lux	EM lux
1	0,44	803	503
2	0,87	201	126
3	1,31	89	56
4	1,75	50	31
5	2,18	32	20

3 W 4000 K **α=10°x40°**



cd/klm

H m	Ø m	EMax lux	EM lux
1	0,17	866	539
2	0,33	217	135
3	0,50	96	60
4	0,67	54	34
5	0,84	35	22

Ego 90 downlight square

W	Beam	Flux	CRI	CCT	**Aluminium IK**10 Code	**Stainless steel IK**10 Code
3 W	10°	220 lm	80	3000K	T4063SPW00	T4062SPW00
		233 lm	80	4000K	T4063SPN00	T4062SPN00
	24°	179 lm	80	3000K	T4063FLW00	T4062FLW00
		190 lm	80	4000K	T4063FLN00	T4062FLN00
	10°x40°	162 lm	80	3000K	T4063ELPTW00	T4062ELPTW00
		171 lm	80	4000K	T4063ELPTN00	T4062ELPTN00

Electronic ballast 24V SELV supplied separately

Driver	25 W	T409996
Driver	60 W	T409998
Driver	90 W	T409999

IP65/ **IP**67 ø 47±2

max 35 mm

Adjustable beam
+/- 8°

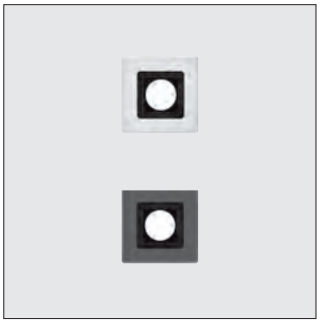
Please see page 875 for drivers installation details.

Ego 90 Flat downlight square

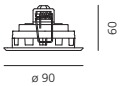
W	Weight	Beam	Flux	CRI	CCT	**Aluminium IK**10 Code	**Stainless steel IK**10 Code
3 W	0,60 kg	10°	220 lm	80	3000K	T42004SPW00	T42012SPW00
			233 lm	80	4000K	T42004SPN00	T42012SPN00
		24°	179 lm	80	3000K	T42004FLW00	T42012FLW00
			190 lm	80	4000K	T42004FLN00	T42012FLN00
		10°x40°	162 lm	80	3000K	T42004ELPTW00	T42012ELPTW00
			171 lm	80	4000K	T42004ELPTN00	T42012ELPTN00

Electronic ballast 24V SELV supplied separately

Driver	6 W	350mA	IP67	1 max	NL11022
Driver	11 W	350mA	IP67	3 max	NL19019



IP65/ **IP**67 ø 80±2

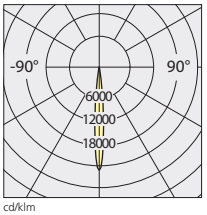


max 35 mm

Fixed beam

Please see page 875 for drivers installation details.

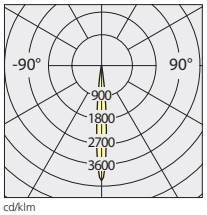
3 W 4000 K **α=10°**



cd/klm

H m	Ø m	EMax lux	EM lux
1	0,17	5725	3692
2	0,33	1431	923
3	0,50	636	410
4	0,67	358	231
5	0,83	229	148

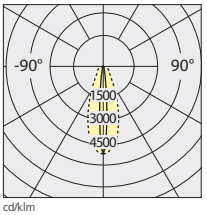
3 W 4000 K **α=24°**



cd/klm

H m	Ø m	EMax lux	EM lux
1	0,44	803	503
2	0,87	201	126
3	1,31	89	56
4	1,75	50	31
5	2,18	32	20

3 W 4000 K **α=10°x40°**



cd/klm

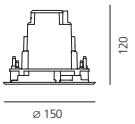
H m	Ø m	EMax lux	EM lux
1	0,17	866	539
2	0,33	217	135
3	0,50	96	60
4	0,67	54	34
5	0,84	35	22

Ego 150 downlight round

W	Beam	Flux	CRI	CCT	**Aluminium IK**09 Code	**Stainless steel IK**09 Code
8 W	5°	366 lm	80	3000K	T4085NSPW00	T4084NSPW00
		392 lm	80	4000K	T4085NSPN00	T4084NSPN00
	38°	321 lm	80	3000K	T4085WFLW00	T4084WFLW00
		344 lm	80	4000K	T4085WFLN00	T4084WFLN00
	6°x54°	366 lm	80	3000K	T4085ELPTW00	T4084ELPTW00
		392 lm	80	4000K	T4085ELPTN00	T4084ELPTN00

220/240Vac 50/60Hz electronic ballast included

IP65/ **IP**67 ø 135±2



max 40 mm

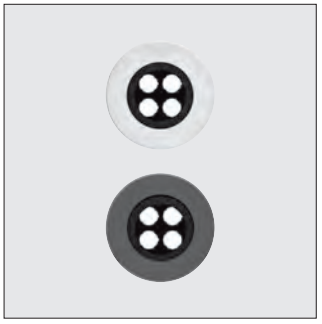
Adjustable beam
+/- 15°

Ego 150 Flat downlight round

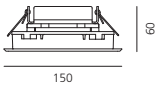
W	Weight	Beam	Flux	CRI	CCT	**Aluminium IK**09 Code	**Stainless steel IK**09 Code
6 W	0,60 kg	5°	366 lm	80	3000K	T42005NSPW00	T42013NSPW00
			392 lm	80	4000K	T42005NSPN00	T42013NSPN00
		38°	321 lm	80	3000K	T42005WFLW00	T42013WFLW00
			344 lm	80	4000K	T42005WFLN00	T42013WFLN00
		6°x54°	366 lm	80	3000K	T42005ELPTW00	T42013ELPTW00
			392 lm	80	4000K	T42005ELPTN00	T42013ELPTN00

Electronic ballast 500mA SELV supplied separately

Driver	14 W	500mA	IP67	1 max	NL19046
Driver	20 W	500mA	IP67	2 max	NL19047



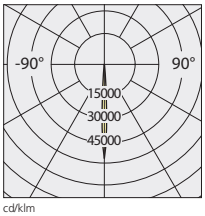
IP65/ **IP**67 ø 135±2



max 35 mm

Fixed beam

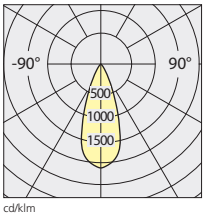
8W 4000 K α=5°



cd/klm

H m	Ø m	EMax lux	EM lux
1	0,10	21441	13555
2	0,19	5360	3389
3	0,29	2382	1506
4	0,39	1340	847
5	0,49	858	542

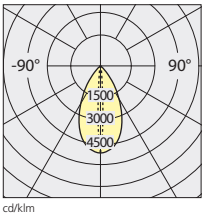
8 W 4000 K α=38°



cd/klm

H m	Ø m	EMax lux	EM lux
1	0,69	721	447
2	1,39	180	112
3	2,08	80	50
4	2,77	45	28
5	3,47	29	18

8 W 4000 K α=6°x54°



cd/klm

C0 - C180
C90 - C270

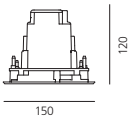
H m	Ø m	EMax lux	EM lux
1	1,04	2000	1243
2	2,07	500	311
3	3,11	222	138
4	4,15	125	78
5	5,18	80	50

Ego 150 downlight square

W	Beam	Flux	CRI	CCT	**Aluminium IK**09 Code	**Stainless steel IK**09 Code
8 W	5°	366 lm	80	3000K	T4065NSPW00	T4064NSPW00
		392 lm	80	4000K	T4065NSPN00	T4064NSPN00
	38°	321 lm	80	3000K	T4065WFLW00	T4064WFLW00
		344 lm	80	4000K	T4065WFLN00	T4064WFLN00
	6°x54°	366 lm	80	3000K	T4065ELPTW00	T4064ELPTW00
		392 lm	80	4000K	T40615ELPTN00	T4064ELPTN00

220/240Vac 50/60Hz electronic ballast included

IP65/ **IP**67



135 x 135±2

max 40 mm

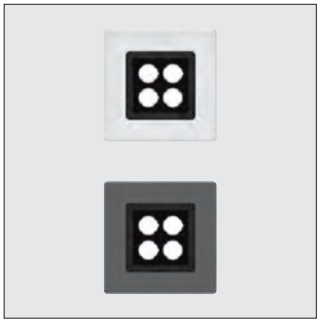
Adjustable beam
+/- 15°

Ego 150 Flat downlight square

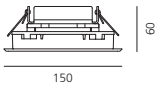
W	Weight	Beam	Flux	CRI	CCT	**Aluminium IK**09 Code	**Stainless steel IK**09 Code
6 W	0,60 kg	5°	366 lm	80	3000K	T42006NSPW00	T42014NSPW00
			392 lm	80	4000K	T42006NSPN00	T42014NSPN00
		38°	321 lm	80	3000K	T42006WFLW00	T42014WFLW00
			344 lm	80	4000K	T42006WFLN00	T42014WFLN00
		6°x54°	366 lm	80	3000K	T42006ELPTW00	T42014ELPTW00
			392 lm	80	4000K	T42006ELPTN00	T42014ELPTN00

Electronic ballast 500mA SELV supplied separately

Driver	14 W	500mA	IP67	1 max	**NL19046**
Driver	20 W	500mA	IP67	2 max	**NL19047**



IP65/ **IP**67

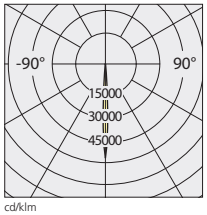


135 x 135±2

max 35 mm

Fixed beam

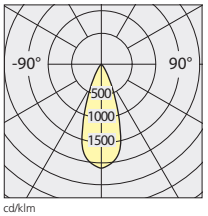
6 W 4000 K **α=5°**



cd/klm

H m	Ø m	EMax lux	EM lux
1	0,10	21441	13555
2	0,19	5360	3389
3	0,29	2382	1506
4	0,39	1340	847
5	0,49	858	542

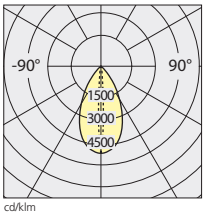
6 W 4000 K **α=38°**



cd/klm

H m	Ø m	EMax lux	EM lux
1	0,69	721	447
2	1,39	180	112
3	2,08	80	50
4	2,77	45	28
5	3,47	29	18

6 W 4000 K **α=6°x54°**



cd/klm

C0 - C180
C90 - C270

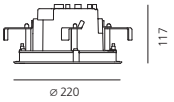
H m	Ø m	EMax lux	EM lux
1	1,04	2000	1243
2	2,07	500	311
3	3,11	222	138
4	4,15	125	78
5	5,18	80	50

Ego 220 downlight round

W	Beam	Flux	CRI	CCT	**Aluminium IK**10 Code	**Stainless steel IK**10 Code
16 W	5°	787 lm	80	3000K	T4087NSPW00	T4086NSPW00
		842 lm	80	4000K	T4087NSPN00	T4086NSPN00
	38°	794 lm	80	3000K	T4087WFLW00	T4086WFLW00
		850 lm	80	4000K	T4087WFLN00	T4086WFLN00
	6°x54°	797 lm	80	3000K	T4087ELPTW00	T4086ELPTW00
		853 lm	80	4000K	T4087ELPTN00	T4086ELPTN00

220/240Vac 50/60Hz electronic ballast included

IP65/ **IP**67 ø 203±2



max 40 mm

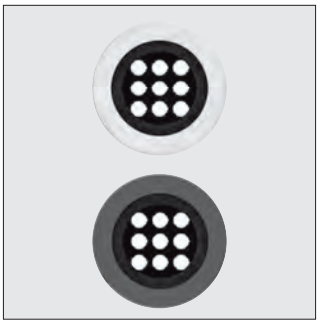
Adjustable beam
+/- 15°

Ego 220 Flat downlight round

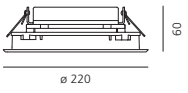
W	Weight	Beam	Flux	CRI	CCT	**Aluminium IK**10 Code	**Stainless steel IK**10 Code
14 W	0,60 kg	5°	787 lm	80	3000K	T42007NSPW00	T42015NSPW00
			842 lm	80	4000K	T42007NSPN00	T42015NSPN00
		38°	794 lm	80	3000K	T42007WFLW00	T42015WFLW00
			850 lm	80	4000K	T42007WFLN00	T42015WFLN00
		6°x54°	797 lm	80	3000K	T42007ELPTW00	T42015ELPTW00
			853 lm	80	4000K	T42007ELPTN00	T42015ELPTN00

Electronic ballast 500mA SELV supplied separately

Driver	20 W	500mA	IP67	1 max	NL19047



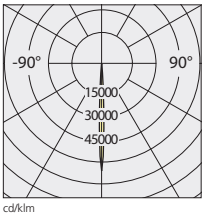
IP65/ **IP**67 IK10 ø 203±2



max 35 mm

Fixed beam

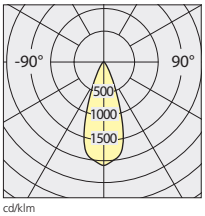
16 W 4000 K **α=5°**



cd/klm

H m	Ø m	EMax lux	EM lux
1	0,08	55272	35006
2	0,17	13818	8752
3	0,25	6141	3890
4	0,34	3455	2188
5	0,42	2211	1400

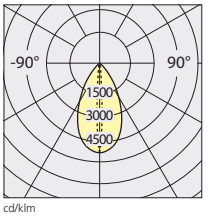
16 W 3000 K **α=38°**



cd/klm

H m	Ø m	EMax lux	EM lux
1	0,69	1818	1138
2	1,38	454	284
3	2,06	202	126
4	2,75	114	71
5	3,44	73	46

16 W 4000 K **α=6x54°**



cd/klm

C0 - C180
C90 - C270

H m	Ø m	EMax lux	EM lux
1	1,04	4352	2705
2	2,07	1088	676
3	3,11	484	301
4	4,15	272	169
5	5,18	174	108

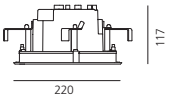
Ego 220 downlight square

W	Beam	Flux	CRI	CCT	**Aluminium IK**10 Code	**Stainless steel IK**10 Code
16 W	5°	787 lm	80	3000K	T4067NSPW00	T4066NSPW00
		842 lm	80	4000K	T4067NSPN00	T4066NSPN00
	38°	794 lm	80	3000K	T4067WFLW00	T4066WFLW00
		850 lm	80	4000K	T4067WFLN00	T4066WFLN00
	6°x54°	797 lm	80	3000K	T4067ELPTW00	T4066ELPTW00
		853 lm	80	4000K	T4067ELPTN00	T4066ELPTN00

220/240Vac 50/60Hz electronic ballast included

IP65/ **IP**67

203 x 203±2



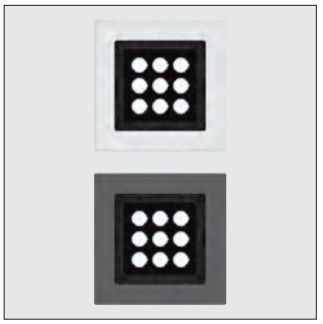
max 40 mm

Ego 220 Flat downlight square

W	Weight	Beam	Flux	CRI	CCT	**Aluminium IK**10 Code	**Stainless steel IK**10 Code
14 W	0,60 kg	5°	787 lm	80	3000K	T42008NSPW00	T42016NSPW00
			842 lm	80	4000K	T42008NSPN00	T42016NSPN00
		38°	794 lm	80	3000K	T42008WFLW00	T42016WFLW00
			850 lm	80	4000K	T42008WFLN00	T42016WFLN00
		6°x54°	797 lm	80	3000K	T42008ELPTW00	T42016ELPTW00
			853 lm	80	4000K	T42008ELPTN00	T42016ELPTN00

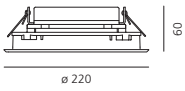
Electronic ballast 500mA SELV supplied separately

Driver	20 W	500mA	IP67	1 max	**NL19047**



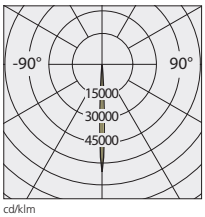
IP65/**IP**67 IK10

203 x 203±2



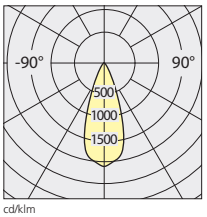
max 35 mm

14 W 4000 K **α=5°**



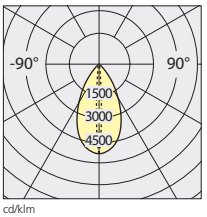
H m	Ø m	EMax lux	EM lux
1	0,08	55272	35006
2	0,17	13818	8752
3	0,25	6141	3890
4	0,34	3455	2188
5	0,42	2211	1400

14 W 4000 K **α=38°**



H m	Ø m	EMax lux	EM lux
1	0,69	1818	1138
2	1,38	454	284
3	2,06	202	126
4	2,75	114	71
5	3,44	73	46

14 W 4000 K **α=6x54°**

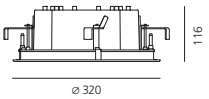


H m	Ø m	EMax lux	EM lux
1	1,04	4352	2705
2	2,07	1088	676
3	3,11	484	301
4	4,15	272	169
5	5,18	174	108

Ego 320 downlight round

W	Beam	Flux	CRI	CCT	**Aluminium IK**10 Code	**Stainless steel IK**10 Code
27 W	5°	1550 lm	80	3000K	T4093NSPW00	T4092NSPW00
		1659 lm	80	4000K	T4093NSPN00	T4092NSPN00
	38°	1530 lm	80	3000K	T4093WFLW00	T4092WFLW00
		1637 lm	80	4000K	T4093WFLN00	T4092WFLN00
	6°x54°	1534 lm	80	3000K	T4093ELPTW00	T4092ELPTW00
		1641 lm	80	4000K	T4093ELPTN00	T4092ELPTN00

220/240Vac 50/60Hz electronic ballast included



max 40 mm

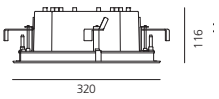
Adjustable beam
+/- 15°

IP65/ **IP**67 ø 300±2

Ego 320 downlight round

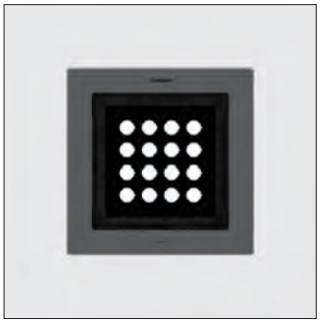
W	Beam	Flux	CRI	CCT	**Aluminium IK**10 Code	**Stainless steel IK**10 Code
27 W	5°	1550 lm	80	3000K	T4073NSPW00	T4072NSPW00
		1659 lm	80	4000K	T4073NSPN00	T4072NSPN00
	38°	1530 lm	80	3000K	T4073WFLW00	T4072WFLW00
		1637 lm	80	4000K	T4073WFLN00	T4072WFLN00
	6°x54°	1534 lm	80	3000K	T4073ELPTW00	T4072ELPTW00
		1641 lm	80	4000K	T4073ELPTN00	T4072ELPTN00

220/240Vac 50/60Hz electronic ballast included



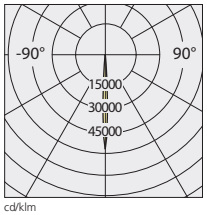
max 40 mm

Adjustable beam
+/- 15°



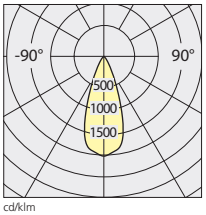
IP65/ **IP**67 300 x 300±2

27 W 4000 K α=6°



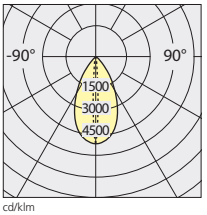
H m	Ø m	EMax lux	EM lux
1	0,09	95555	60440
2	0,19	23889	15110
3	0,28	10617	6716
4	0,38	5972	3778
5	0,47	3822	2418

27 W 3000 K α=38°



H m	Ø m	EMax lux	EM lux
1	0,70	3294	2064
2	1,41	823	516
3	2,11	366	229
4	2,81	206	129
5	3,52	132	83

27W 4000 K α=6°x54°



H m	Ø m	EMax lux	EM lux
1	1,04	8373	5203
2	2,07	2093	1301
3	3,11	930	578
4	4,15	523	325
5	5,18	335	208

Spot optic

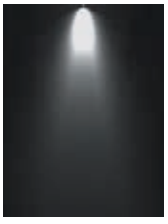
Concentrated luminous flow to highlight details avoiding unwanted light dispersion.

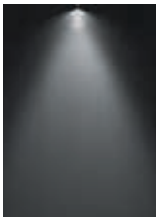
Flood optic

Wide luminous flow suitable for lighting large areas.

Wall Washer optic

Elliptical distribution of the luminous flow suitable for wall washer effect.



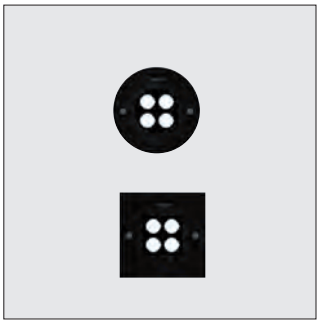


Ego 150 glass downlight

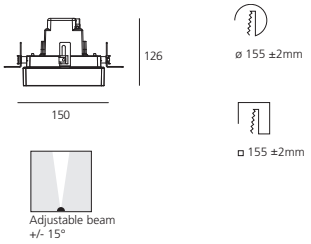
W	Beam	Flux	CRI	CCT	Round Code	Square Code
8 W	5°	366 lm	80	3000K	T4130NSPW00	T4120NSPW00
		392 lm	80	4000K	T4130NSPN00	T4120NSPN00
	38°	321 lm	80	3000K	T4130WFLW00	T4120WFLW00
		344 lm	80	4000K	T4130WFLN00	T4120WFLN00
	6°x54°	366 lm	80	3000K	T4130ELPTW00	T4120ELPTW00
		392 lm	80	4000K	T4130ELPTN00	T4120ELPTN00

220/240Vac 50/60Hz electronic ballast included

Plate for plasterboard	T409919	T409920



IP65/ **IP**67 **IK**09



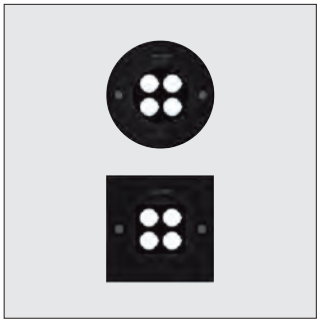
Ego 150 Flat glass downlight

W	Beam	Flux	CRI	CCT	Round Code	Square Code
6 W	5°	366 lm	80	3000K	T42017NSPW00	T42018NSPW00
		392 lm	80	4000K	T42017NSPN00	T42018NSPN00
	38°	321 lm	80	3000K	T42017WFLW00	T42018WFLW00
		344 lm	80	4000K	T42017WFLN00	T42018WFLN00
	6°x54°	366 lm	80	3000K	T42017ELPTW00	T42018ELPTW00
		392 lm	80	4000K	T42017ELPTN00	T42018ELPTN00

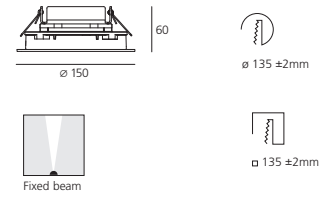
Electronic ballast 500mA supplied separately

Driver	14W	500mA	IP67	1 max	NL19046
Driver	20W	500mA	IP67	2 min - 2 max	NL19047

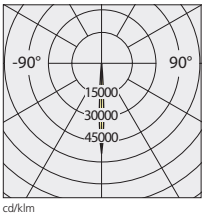
Electronic ballast 500mA SELV supplied separately



IP65/ **IP**67 **IK**09



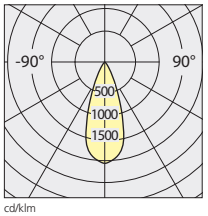
8 W 4000 K **α=5°**



cd/klm

H m	Ø m	EMax lux	EM lux
1	0,10	21441	13555
2	0,19	5360	3389
3	0,29	2382	1506
4	0,39	1340	847
5	0,49	858	542

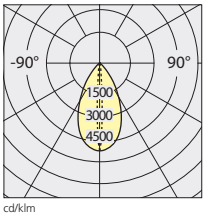
8 W 3000 K **α=38°**



cd/klm

H m	Ø m	EMax lux	EM lux
1	0,69	721	447
2	1,39	180	112
3	2,08	80	50
4	2,77	45	28
5	3,47	29	18

8 W 4000 K **α=6x54°**



cd/klm

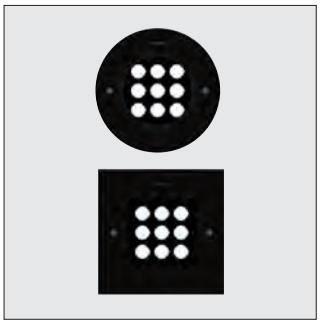
H m	Ø m	EMax lux	EM lux
1	1,04	2000	1243
2	2,07	500	311
3	3,11	222	138
4	4,15	125	78
5	5,18	80	50

Ego 220 glass downlight

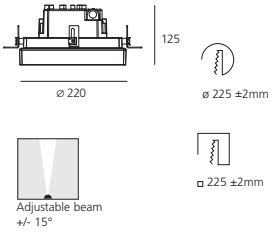
W	Beam	Flux	CRI	CCT	Round Code	Square Code
16 W	5°	787 lm	80	3000K	T4131NSPW00	T4121NSPW00
		842 lm	80	4000K	T4131NSPN00	T4121NSPN00
	38°	794 lm	80	3000K	T4131WFLW00	T4121WFLW00
		850 lm	80	4000K	T4131WFLN00	T4121WFLN00
	6°x54°	797 lm	80	3000K	T4131ELPTW00	T4121ELPTW00
		853 lm	80	4000K	T4131ELPTN00	T4121ELPTN00

220/240Vac 50/60Hz electronic ballast included

Plate for plasterboard	T409917	T409918



IP65/ **IP**67 **IK**09

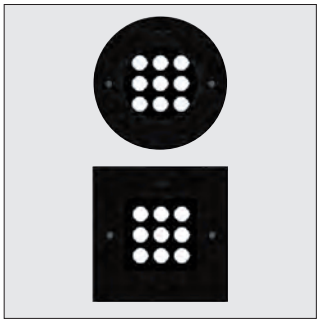


Ego 220 Flat glass downlight

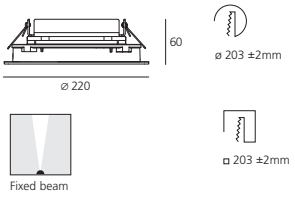
W	Beam	Flux	CRI	CCT	Round Code	Square Code
14 W	4°	787 lm	80	3000K	T42019NSPW00	T42020NSPW00
		842 lm	80	4000K	T42019NSPN00	T42020NSPN00
	38°	794 lm	80	3000K	T42019WFLW00	T42020WFLW00
		850 lm	80	4000K	T42019WFLN00	T42020WFLN00
	6°x54°	797 lm	80	3000K	T42019ELPTW00	T42020ELPTW00
		853 lm	80	4000K	T42019ELPTN00	T42020ELPTN00

Electronic ballast 500mA SELV supplied separately

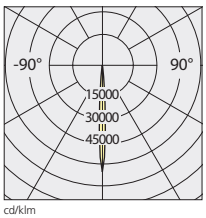
Driver	20W	500mA	IP67	2 min	**NL19047**



IP65/ **IP**67 **IK**09



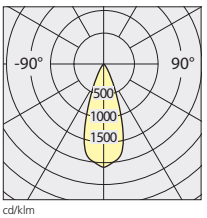
16 W 4000 K **α=5°**



cd/klm

H m	Ø m	EMax lux	EM lux
1	0,08	55272	35006
2	0,17	13818	8752
3	0,25	6141	3890
4	0,34	3455	2188
5	0,42	2211	1400

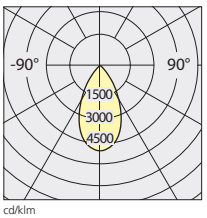
16 W 3000 K **α=38°**



cd/klm

H m	Ø m	EMax lux	EM lux
1	0,69	1818	1138
2	1,38	454	284
3	2,06	202	126
4	2,75	114	71
5	3,44	73	46

16 W 4000 K **α=6x54°**



cd/klm

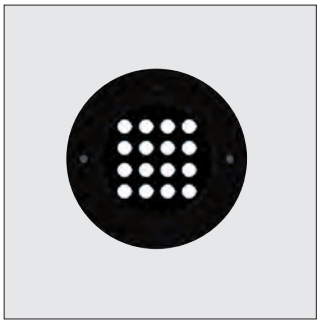
H m	Ø m	EMax lux	EM lux
1	1,04	4352	2705
2	2,07	1088	676
3	3,11	484	301
4	4,15	272	169
5	5,18	174	108

Ego 320 glass downlight

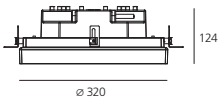
W	Beam	Flux	CRI	CCT	Round	Square
					Code	Code
27 W	5°	1550 lm	80	3000K	T4134NSPW00	T4124NSPW00
		1659 lm	80	4000K	T4134NSPN00	T4124NSPN00
	38°	1530 lm	80	3000K	T4134WFLW00	T4124WFLW00
		1637 lm	80	4000K	T4134WFLN00	T4124WFLN00
	6°x54°	1534 lm	80	3000K	T4134ELPTW00	T4124ELPTW00
		1641 lm	80	4000K	T4134ELPTN00	T4124ELPTN00

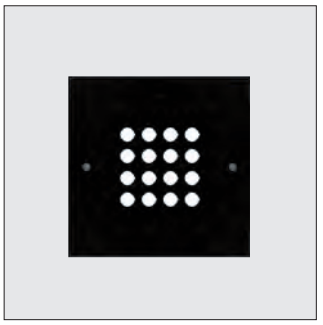
220/240Vac 50/60Hz electronic ballast included

Plate for plasterboard	T409915	T409916

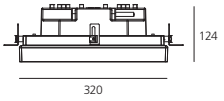


IP65/ **IP**67 **IK**09

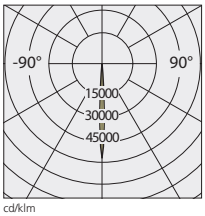




IP65/ **IP**67 **IK**09

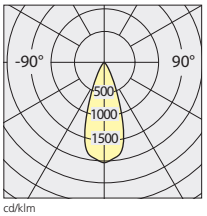


27 W 4000 K **α=5°**



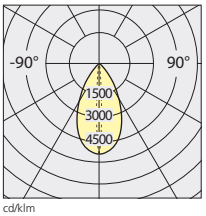
H m	Ø m	EMax lux	EM lux
1	0,09	95555	60440
2	0,19	23889	15110
3	0,28	10617	6716
4	0,38	5972	3778
5	0,47	3822	2418

27 W 3000 K **α=38°**



H m	Ø m	EMax lux	EM lux
1	0,70	3294	2064
2	1,41	823	516
3	2,11	366	229
4	2,81	206	129
5	3,52	132	83

27 W 4000 K **α=6x54°**



H m	Ø m	EMax lux	EM lux
1	1,04	8373	5203
2	2,07	2093	1301
3	3,11	930	578
4	4,15	523	325
5	5,18	335	208

Ego walk-over
Ego drive-over

2012

- Light fixture with high-performance LED light sources.
- Recessed ground installation.
- Walk-over and drive-over versions.
- Depth of recess box:
  Ego WO: 110-120 mm
  Ego Flat WO: 60 mm
- WO/DO round and square version, each one in 5 different sizes.
- Fixture consisting of body, frame, glass diffuser, housing.
- Aluminium body EN AB44100 with silicone gaskets.
- All versions are available with stainless steel frames.
  Ego 55-90 / Ego flat 55-90 also available with polished aluminium frame.
  Ego 150-220-320 / Ego flat 150-220 also available with 8mm-thick glass flush with the floor.
- Housing in composite techno polymer, to be ordered separately.
- Ego Flat WO H05RN-F feeding cable length: 300 cm.
  Ego WO/DO feeding cable:
  H05RNF 2x1 for Ego 55 - 90 ,
  H05RNF 3x1 for Ego 150,
  H07RNF 3x1 for Ego 220 - 320,
  cable length 30 cm.
- All Ego versions (excluding Flat version) are supplied with electronic power supply inside the luminaire body.
- For 55 and 90 versions 24 V power supply and remote power supply to be ordered separately.
- All Ego Flat can be operated by a remote power supply to be ordered separately. Connection cable includes a IP68 electrical terminal board.
- Housing locked by anti-vandal TORX screws in AISI 316 stainless steel.
- Glass surface temperature below 40°C.
- Fixed and adjustable lenses in PMMA in 3 versions with different beam angles.
- White monochromatic LED available in 2 colour temperatures:
  Warm = 3000K
  Neutral = 4000K
- Die-cast painted aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Technical features of light fixtures in compliance with EN60598-1 and part 2-13.
- IP rating: IP65-67.
- Insulation class:
  Ego WO/DO: class I
  (except Ego 55-90 class III)
  Ego Flat WO: class III

Artemide
IP 65/67

Artemide
IP 65/6

Ego walk-over
Ego drive-over

Ego

Tempered glass flush with the floor

- Round or square frame in stainless steel. Silkscreened tempered glass.

Lighting unit

Integrated driver

Polymer recessing box

Recessed depth:

Ego 55	100mm
Ego 90	100mm
Ego 150	120mm
Ego 220	117mm
Ego 230	117mm

Spot

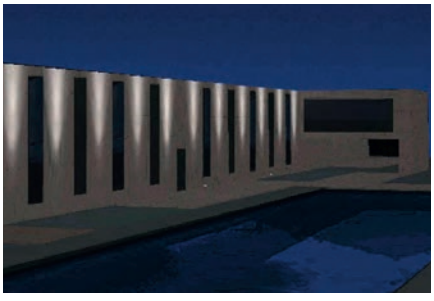
Concentrated luminous flow to highlight details avoiding unwanted light dispersion.

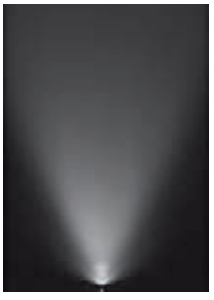
Flood

Wide luminous flow suitable for lighting large areas.

Wall Washer

Elliptical distribution of the luminous flow suitable for wall washer effect.





Ego Flat

Silkscreened tempered glass thickness 8mm
T glass 30°C.
Static load 5000Kg

Round or square frame with painted aluminium (3mm) or stainless steel AISI 316 (3mm) ring.
Silkscreened tempered glass thickness 8mm
T glass 30°C.
Static load 5000Kg

Electronic ballast supplied separately

Lighting unit

Polymer recessing box

Reduced recessed depth: 60mm

Ego 55 walk-over aluminium

W	Beam	Flux	CRI	CCT	Round	Square
1,5 W	14°	83 lm	80	3000K	T4031SPW00	T4001SPW00
		88 lm	80	4000K	T4031SPN00	T4001SPN00
	32°	76 lm	80	3000K	T4031WFLW00	T4001WFLW00
		88 lm	80	4000K	T4031WFLN00	T4001WFLN00
	16°x34°	77 lm	80	3000K	T4031ELPTW00	T4001ELPTW00
		82 lm	80	4000K	T4031ELPTN00	T4001ELPTW00

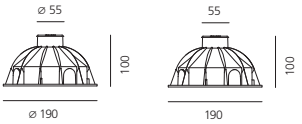
Electronic ballast 24Vdc supplied separately

IP65/ **IP**67 **IK**09

Recessing box					
Driver	24W				T409908
Driver	60W				T409996
Driver	90W				T409998
					T409999

Please see page 875 for drivers installation details.

Fixed beam



Ego 55 Flat walk-over aluminium

W	Beam	Flux	CRI	CCT	Round	Square
1 W	14°	83 lm	80	3000K	T40000SPW00	T40001SPW00
		88 lm	80	4000K	T40000SPN00	T40001SPN00
	32°	76 lm	80	3000K	T40000WFLW00	T40001WFLW00
		88 lm	80	4000K	T40000WFLN00	T40001WFLN00
	16°x34°	77 lm	80	3000K	T40000ELPTW00	T40001ELPTW00
		82 lm	80	4000K	T40000ELPTN00	T40001ELPTN00

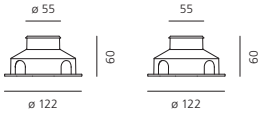
Electronic ballast 350mA supplied separately

IP65/ **IP**67 **IK**09

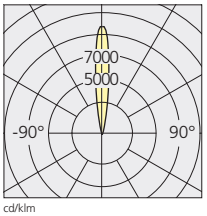
Recessing box					
Driver	6 W	350mA	IP67	4 max	NL40021H0
Driver	11 W	350mA	IP67	3 min - 9 max	NL11022
					NL19019

Please see page 875 for drivers installation details.

Fixed beam



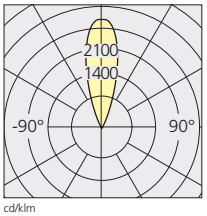
1-1.5 W 3000 K **α=14°**



cd/klm

H m	Ø m	EMax lux	EM lux
5	1,21	39	25
4	0,96	61	40
3	0,72	108	71
2	0,48	244	159
1	0,24	975	636

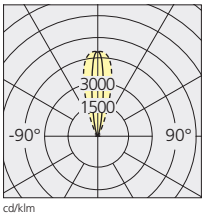
1-1.5 W 3000 K **α=32°**



cd/klm

H m	Ø m	EMax lux	EM lux
5	2,82	11	7
4	2,26	17	10
3	1,69	30	18
2	1,13	67	42
1	0,56	267	166

1-1.5 W 3000 K **α=16°x34°**



cd/klm

C0 - C180
C90 - C270

H m	Ø m	EMax lux	EM lux
5	3,07	16	10
4	2,46	25	16
3	1,84	45	29
2	1,23	102	65
1	0,61	407	262

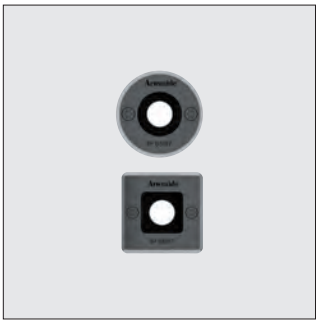
Ego 55 drive-over Stainless steel

W	Beam	Flux	CRI	CCT	Round	Square
1,5 W	14°	83 lm	80	3000K	T4032SPW00	T4002SPW00
		88 lm	80	4000K	T4032SPN00	T4002SPN00
	32°	76 lm	80	3000K	T4032WFLW00	T4002WFLW00
		88 lm	80	4000K	T4032WFLN00	T4002WFLN00
	16°x34°	77 lm	80	3000K	T4032ELPTW00	T4002ELPTW00
		82 lm	80	4000K	T4032ELPTN00	T4002ELPTN00

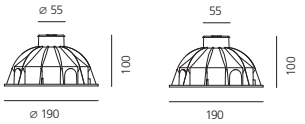
Electronic ballast 24Vdc supplied separately

Recessing box		
Driver	24W	T409908
Driver	60W	T409996
Driver	90W	T409998
Driver	90W	T409999

Please see page 875 for drivers installation details.



IP65/ **IP**67 **IK**10



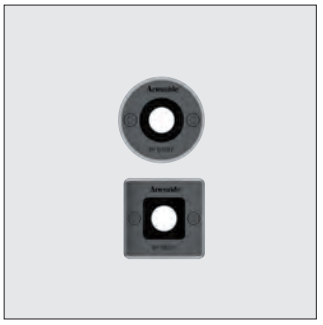
Ego 55 Flat walk-over Stainless steel

W	Beam	Flux	CRI	CCT	Round	Square
1 W	14°	83 lm	80	3000K	T40002SPW00	T40003SPW00
		88 lm	80	4000K	T40002SPN00	T40003SPN00
	32°	76 lm	80	3000K	T40002WFLW00	T40003WFLW00
		88 lm	80	4000K	T40002WFLN00	T40003WFLN00
	16°x34°	77 lm	80	3000K	T40002ELPTW00	T40003ELPTW00
		82 lm	80	4000K	T40002ELPTW00	T40003ELPTW00

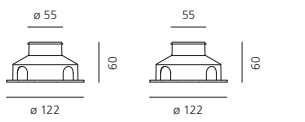
Electronic ballast 350mA supplied separately

Recessing box					
Driver	6 W	350mA	IP67	4 max	NL40021H0
Driver	11 W	350mA	IP67	3 min - 9 max	NL11022
					NL19019

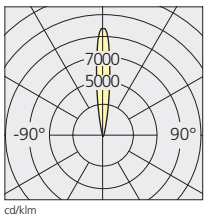
Please see page 875 for drivers installation details.



IP65/ **IP**67 **IK**09

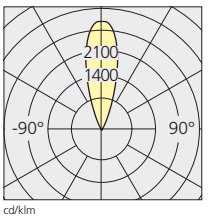


1-1.5 W 3000 K **α=14°**



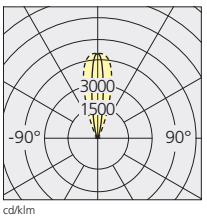
H m	Ø m	EMax lux	EM lux
5	1,21	39	25
4	0,96	61	40
3	0,72	108	71
2	0,48	244	159
1	0,24	975	636

1-1.5 W 3000 K **α=32°**



H m	Ø m	EMax lux	EM lux
5	2,82	11	7
4	2,26	17	10
3	1,69	30	18
2	1,13	67	42
1	0,56	267	166

1-1.5 W 3000 K **α=16°x34°**



H m	Ø m	EMax lux	EM lux
5	3,07	16	10
4	2,46	25	16
3	1,84	45	29
2	1,23	102	65
1	0,61	407	262

Ego 90 walk-over aluminium

W	Beam	Flux	CRI	CCT	Round Code	Square Code
3 W	10°	220 lm	80	3000K	T4034SPW00	T4004SPW00
		233 lm	80	4000K	T4034SPN00	T4004SPN00
	24°	179 lm	80	3000K	T4034FLW00	T4004FLW00
		190 lm	80	4000K	T4034FLN00	T4004FLN00
	10°x40°	162 lm	80	3000K	T4034ELPTW00	T4004ELPTW00
		171 lm	80	4000K	T4034ELPTN00	T4004ELPTN00

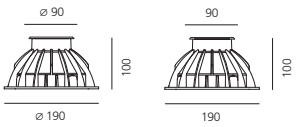
Electronic ballast 24Vdc supplied separately

IP65/ **IP**67 **IK**10

Recessing box		Code
Driver	24W	T409908
Driver	60W	T409996
Driver	90W	T409998
Driver	90W	T409999

Please see page 875 for drivers installation details.

Adjustable beam
+/- 8°



Ego 90 Flat walk-over aluminium

W	Weight	Beam	Flux	CCT	Round Code	Square Code
3 W		10°	220 lm	80 3000K	T40004SPW00	T40005SPW00
			233 lm	80 4000K	T40004SPN00	T40005SPN00
		24°	179 lm	80 3000K	T40004FLW00	T40005FLW00
			190 lm	80 4000K	T40004FLN00	T40005FLN00
		10°x40°	162 lm	80 3000K	T40004ELPTW00	T40005ELPTW00
			171 lm	80 4000K	T40004ELPTN00	T40005ELPTN00

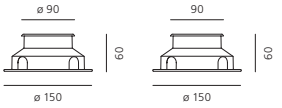
Electronic ballast 350mA supplied separately

Recessing box					
Driver	6 W	350mA	IP67	4 max	NL40021H0
Driver	11 W	350mA	IP67	3 min - 9 max	NL11022
					NL19019

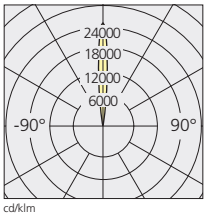
Please see page 875 for drivers installation details.

IP65/ **IP**67 **IK**09

Fixed beam



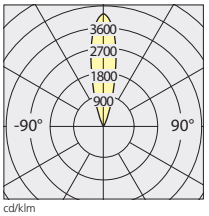
3 W 3000 K **α=10°**



cd/klm

H m	Ø m	EMax lux	EM lux
5	0,83	216	139
4	0,67	338	218
3	0,50	600	387
2	0,33	1351	871
1	0,17	5404	3486

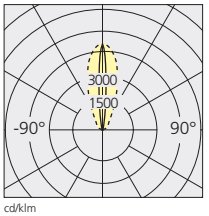
3 W 3000 K **α=24°**



cd/klm

H m	Ø m	EMax lux	EM lux
5	2,18	30	19
4	1,75	47	30
3	1,31	84	53
2	0,87	189	118
1	0,44	756	474

3 W 4000 K **α=10°x40°**



cd/klm

H m	Ø m	EMax lux	EM lux
5	0,84	35	22
4	0,67	54	34
3	0,50	96	60
2	0,33	217	135
1	0,17	866	539

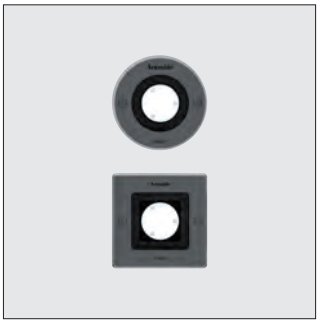
Ego 90 drive-over stainless steel

W	Beam	Flux	CRI	CCT	Round Code	Square Code
3 W	10°	220 lm	80	3000K	T4033SPW00	T4003SPW00
		233 lm	80	4000K	T4033SPN00	T4003SPN00
	24°	179 lm	80	3000K	T4033FLW00	T4003FLW00
		190 lm	80	4000K	T4033FLN00	T4003FLN00
	10°x40°	162 lm	80	3000K	T4033ELPTW00	T4003ELPTW00
		171 lm	80	4000K	T4033ELPTN00	T4033ELPTN00

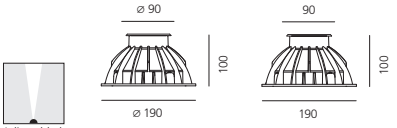
Electronic ballast 24Vdc supplied separately

Recessing box					
Driver	24W				T409908
Driver	60W				T409996
Driver	90W				T409998
					T409999

Please see page 875 for drivers installation details.



IP65/ **IP**67 **IK**10



Adjustable beam
+/- 8°

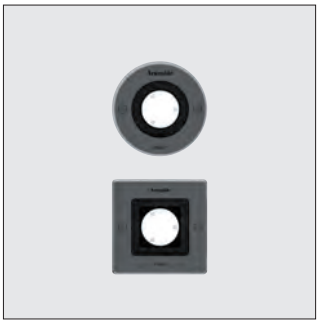
Ego 90 Flat walk-over stainless steel

W	Weight	Beam	Flux	CRI	CCT	Round Code	Square Code
3 W		10°	220 lm	80	3000K	T40006SPW00	T40007SPW00
			233 lm	80	4000K	T40006SPN00	T40007SPN00
		24°	179 lm	80	3000K	T40006FLW00	T40007FLW00
			190 lm	80	4000K	T40006FLN00	T40007FLN00
		10°x40°	162 lm	80	3000K	T40006ELPTW00	T40007ELPTW00
			171 lm	80	4000K	T40006ELPTN00	T40007ELPTN00

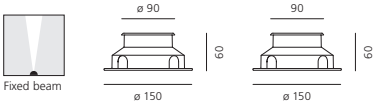
Electronic ballast 350mA supplied separately

Recessing box					
Driver	6 W	350mA	IP67	4 max	NL40021H0
Driver	11 W	350mA	IP67	3 min - 9 max	NL11022
					NL19019

Please see page 875 for drivers installation details.

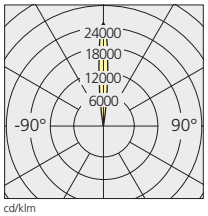


IP65/ **IP**67 **IK**10



Fixed beam

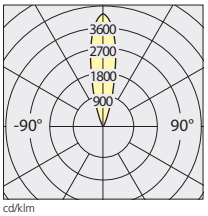
3 W 3000 K **α=10°**



cd/klm

H m	Ø m	EMax lux	EM lux
5	0,83	216	139
4	0,67	338	218
3	0,50	600	387
2	0,33	1351	871
1	0,17	5404	3486

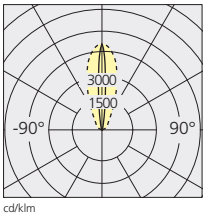
3 W 3000 K **α=24°**



cd/klm

H m	Ø m	EMax lux	EM lux
5	2,18	30	19
4	1,75	47	30
3	1,31	84	53
2	0,87	189	118
1	0,44	756	474

3 W 4000 K **α=10°x40°**



cd/klm

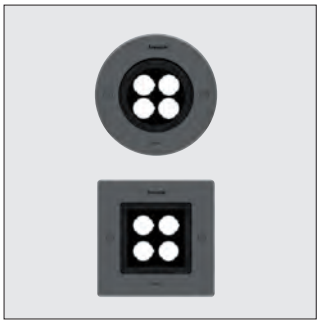
H m	Ø m	EMax lux	EM lux
5	0,84	35	22
4	0,67	54	34
3	0,50	96	60
2	0,33	217	135
1	0,17	866	539

Ego 150 drive-over stainless steel

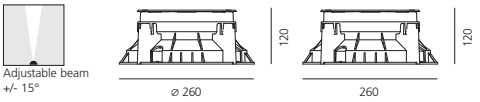
W	Beam	Flux	CRI	CCT	Round	Square
8 W	5°	366 lm	80	3000K	T4036NSPW00	T4006NSPW00
		392 lm	80	4000K	T4036NSPN00	T4006NSPN00
	38°	321 lm	80	3000K	T4036WFLW00	T4006WFLW00
		344 lm	80	4000K	T4036WFLN00	T4006WFLN00
	6°x54°	366 lm	80	3000K	T4036ELPTW00	T4006ELPTW00
		392 lm	80	4000K	T4036ELPTN00	T4006ELPTN00

220/240Vac 50/60Hz electronic ballast included

Recessing box	T409905	T409906



IP65/ **IP**67 **IK**09

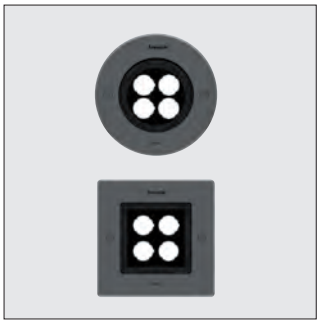


Ego 150 Flat walk-over stainless steel

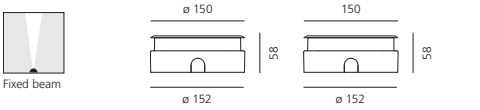
W	Beam	Flux	CRI	CCT	Round	Square
6 W	5°	366 lm	80	3000K	T40010NSPW00	T40011NSPW00
		392 lm	80	4000K	T40010NSPN00	T40011NSPN00
	38°	321 lm	80	3000K	T40010WFLW00	T40011WFLW00
		344 lm	80	4000K	T40010WFLN00	T40011WFLN00
	6°x54°	366 lm	80	3000K	T40010ELPTW00	T40011ELPTW00
		392 lm	80	4000K	T40010ELPTN00	T40011ELPTN00

Electronic ballast 500mA supplied separately

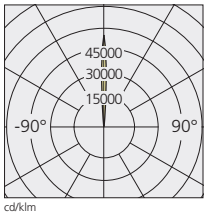
Recessing box					NL40025H0	NL40023H0
Driver	14 W	500mA	IP67	1 max	NL19046	
Driver	20 W	500mA	IP67	2 min - 2 max	NL19047	



IP65/ **IP**67 **IK**09

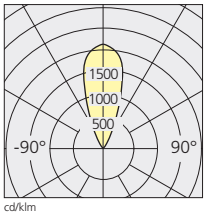


6-8 W 4000 K **α=5°**



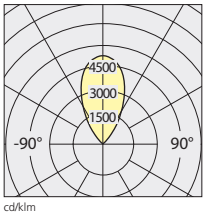
H m	Ø m	EMax lux	EM lux
5	3,52	123	77
4	2,81	192	121
3	2,11	342	214
2	1,41	770	482
1	0,70	3079	1929

6-8 W 3000 K **α=38°**



H m	Ø m	EMax lux	EM lux
5	3,47	29	18
4	2,77	45	28
3	2,08	80	50
2	1,39	180	112
1	0,69	721	447

6-8 W 4000 K **α=6°x54°**



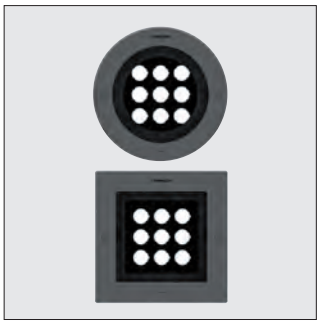
H m	Ø m	EMax lux	EM lux
5	5,18	335	208
4	4,15	523	325
3	3,11	930	578
2	2,07	2093	1301
1	1,04	8373	5203

Ego 220 drive-over stainless steel

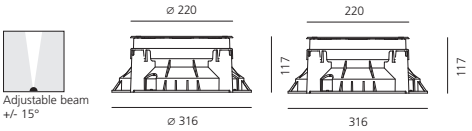
W	Beam	Flux	CRI	CCT	Round Code	Square Code
16 W	5°	787 lm	80	3000K	T4039NSPW00	T4009NSPW00
		842 lm	80	4000K	T4039NSPN00	T4009NSPN00
	38°	794 lm	80	3000K	T4039WFLW00	T4009WFLW00
		850 lm	80	4000K	T4039WFLN00	T4009WFLN00
	6°x54°	797 lm	80	3000K	T4039ELPTW00	T4009ELPTW00
		853 lm	80	4000K	T4039ELPTN00	T4009ELPTN00

220/240Vac 50/60Hz electronic ballast included

Recessing box	T409903	T409904



IP65/ **IP**67 **IK**10

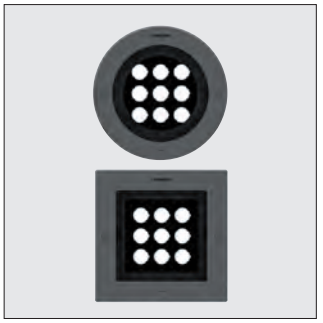


Ego 220 Flat walk-over stainless steel

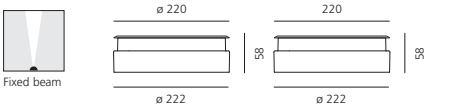
W	Beam	Flux	CRI	CCT	Round Code	Square Code
14 W	5°	787 lm	80	3000K	T40014NSPW00	T40015NSPW00
		842 lm	80	4000K	T40014NSPN00	T40015NSPN00
	38°	794 lm	80	3000K	T40014WFLW00	T40015WFLW00
		850 lm	80	4000K	T40014WFLN00	T40015WFLN00
	6°x54°	797 lm	80	3000K	T40014ELPTW00	T40015ELPTW00
		853 lm	80	4000K	T40014ELPTN00	T40015ELPTN00

Electronic ballast 500mA supplied separately

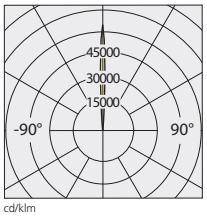
Recessing box					NL40026H0	NL40024H0
Driver	20 W	500mA	IP67	2 min - 2 max	NL19047	



IP65/ **IP**67 **IK**10

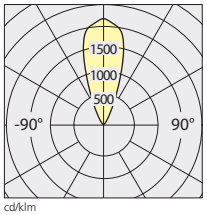


14-16 W 4000 K **α=5°**



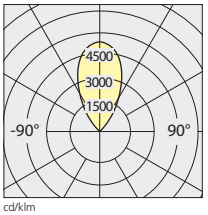
H m	Ø m	EMax lux	EM lux
5	0,42	2211	1400
4	0,34	3455	2188
3	0,25	6141	3890
2	0,17	13818	8752
1	0,08	55272	35006

14-16 W 3000 K **α=38°**



H m	Ø m	EMax lux	EM lux
5	3,44	73	46
4	2,75	114	71
3	2,06	202	126
2	1,38	454	284
1	0,69	1818	1138

14-16 W 4000 K **α=6x54°**



H m	Ø m	EMax lux	EM lux
5	5,18	174	108
4	4,15	272	169
3	3,11	484	301
2	2,07	1088	676
1	1,04	4352	2705

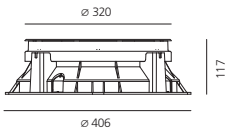
Ego 320 drive-over stainless steel

W	Beam	Flux	CRI	CCT	Round	Square
27 W	5°	1550 lm	80	3000K	T4048NSPW00	T4018NSPW00
		1659 lm	80	4000K	T4048NSPN00	T4018NSPN00
	38°	1530 lm	80	3000K	T4048WFLW00	T4018WFLW00
		1637 lm	80	4000K	T4048WFLN00	T4018WFLN00
	6°x54°	1534 lm	80	3000K	T4048ELPTW00	T4018ELPTW00
		1641 lm	80	4000K	T4048ELPTN00	T4018ELPTN00

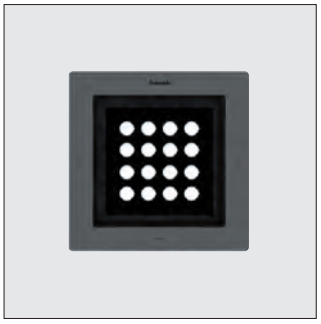
220/240Vac 50/60Hz electronic ballast included

Recessing box	T409901	T409902

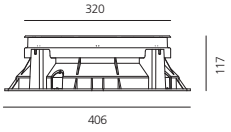
IP65/ **IP**67 **IK**10



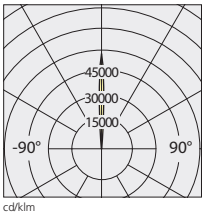
Adjustable beam
+/- 15°



IP65/ **IP**67 **IK**10



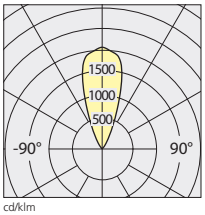
27 W 4000 K **α=5°**



cd/klm

H m	Ø m	EMax lux	EM lux
5	0,47	3822	2418
4	0,38	5972	3778
3	0,28	10617	6716
2	0,19	23889	15110
1	0,09	95555	60440

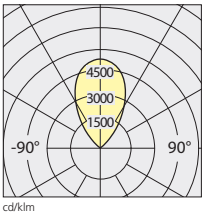
27 W 3000 K **α=38°**



cd/klm

H m	Ø m	EMax lux	EM lux
5	3,52	123	77
4	2,81	192	121
3	2,11	342	214
2	1,41	770	482
1	0,70	3079	1929

27W 4000 K **α=6°x54°**



cd/klm

C0 - C180
C90 - C270

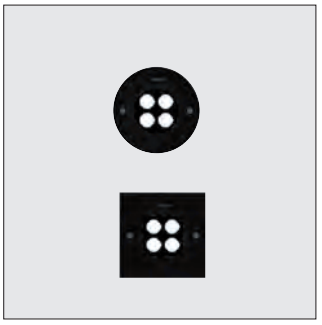
H m	Ø m	EMax lux	EM lux
5	5,18	335	208
4	4,15	523	325
3	3,11	930	578
2	2,07	2093	1301
1	1,04	8373	5203

Ego 150 glass walk-over

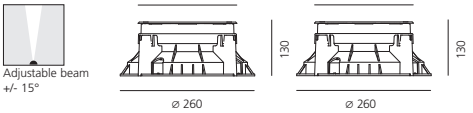
W	Beam	Flux	CRI	CCT	Round	Square
8 W	5°	366 lm	80	3000K	T4110NSPW00	T4100NSPW00
		392 lm	80	4000K	T4110NSPN00	T4100NSPN00
	38°	321 lm	80	3000K	T4110WFLW00	T4100WFLW00
		344 lm	80	4000K	T4110WFLN00	T4100WFLN00
	6°x54°	366 lm	80	3000K	T4110ELPTW00	T4100ELPTW00
		392 lm	80	4000K	T4110ELPTN00	T4100ELPTN00

220/240Vac 50/60Hz electronic ballast included

Recessing box	T409913	T409914



IP65/ **IP**67 **IK**09

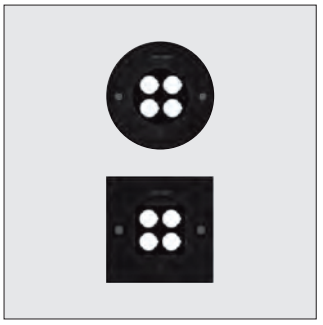


Ego 150 Flat glass walk-over

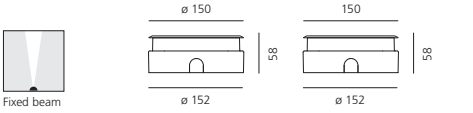
W	Beam	Flux	CRI	CCT	Round	Square
6 W	5°	366 lm	80	3000K	T40017NSPW00	T40018NSPW00
		392 lm	80	4000K	T40017NSPN00	T40018NSPN00
	38°	321 lm	80	3000K	T40017WFLW00	T40018WFLW00
		344 lm	80	4000K	T40017WFLN00	T40018WFLN00
	6°x54°	366 lm	80	3000K	T40017ELPTW00	T40018ELPTW00
		392 lm	80	4000K	T40017ELPTN00	T40018ELPTN00

Electronic ballast 500mA supplied separately

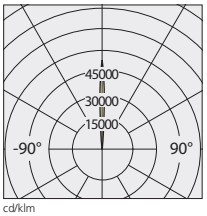
Recessing box					NL40029H0	NL40027H0
Driver	14 W	500mA	IP67	1 max	NL19046	
Driver	20 W	500mA	IP67	2 min - 2 max	NL19047	



IP65/ **IP**67 **IK**09

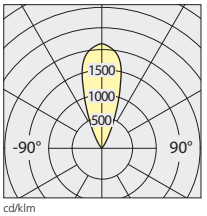


6-8 W 4000 K **α=5°**



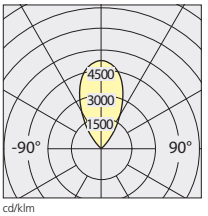
H m	Ø m	EMax lux	EM lux
5	3,52	123	77
4	2,81	192	121
3	2,11	342	214
2	1,41	770	482
1	0,70	3079	1929

6-8 W 3000 K **α=38°**



H m	Ø m	EMax lux	EM lux
5	3,47	29	18
4	2,77	45	28
3	2,08	80	50
2	1,39	180	112
1	0,69	721	447

6-8 W 4000 K **α=6°x54°**



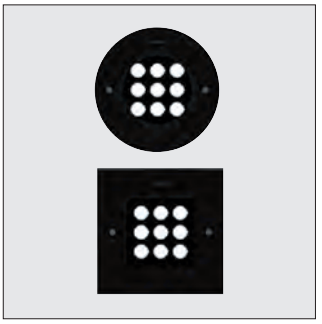
H m	Ø m	EMax lux	EM lux
5	5,18	335	208
4	4,15	523	325
3	3,11	930	578
2	2,07	2093	1301
1	1,04	8373	5203

Ego 220 glass walk-over

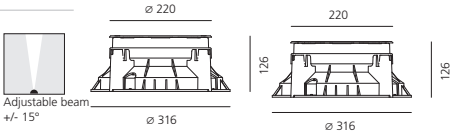
W	Beam	Flux	CRI	CCT	Round Code	Square Code
16 W	5°	787 lm	80	3000K	T4111NSPW00	T4101NSPW00
		842 lm	80	4000K	T4111NSPN00	T4101NSPN00
	38°	794 lm	80	3000K	T4111WFLW00	T4101WFLW00
		850 lm	80	4000K	T4111WFLN00	T4101WFLN00
	6°x54°	797 lm	80	3000K	T4111ELPTW00	T4101ELPTW00
		853 lm	80	4000K	T4111ELPTN00	T4101ELPTN00

220/240Vac 50/60Hz electronic ballast included

Recessing box	T409911	T409912



IP65/ **IP**67 **IK**09

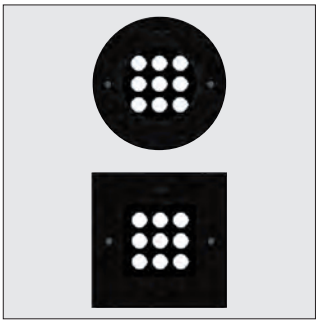


Ego 220 Flat glass walk-over

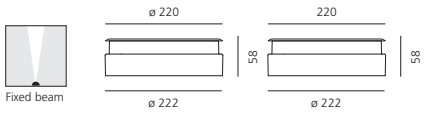
W	Beam	Flux	CRI	CCT	Round Code	Square Code
14 W	5°	787 lm	80	3000K	T40019NSPW00	T40020NSPW00
		842 lm	80	4000K	T40019NSPN00	T40020NSPN00
	38°	794 lm	80	3000K	T40019WFLW00	T40020WFLW00
		850 lm	80	4000K	T40019WFLN00	T40020WFLN00
	6°x54°	797 lm	80	3000K	T40019ELPTW00	T40020ELPTW00
		853 lm	80	4000K	T40019ELPTN00	T40020ELPTN00

Electronic ballast 500mA supplied separately

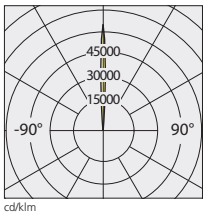
Recessing box					NL40030H0	NL40028H0
Driver	20 W	500mA	IP67	2 min - 2 max	NL19047	



IP65/ **IP**67 **IK**09

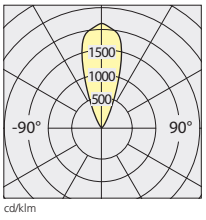


14-16 W 4000 K **α=5°**



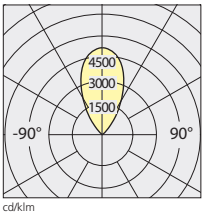
H m	Ø m	EMax lux	EM lux
5	0,42	2211	1400
4	0,34	3455	2188
3	0,25	6141	3890
2	0,17	13818	8752
1	0,08	55272	35006

14-16 W 3000 K **α=38°**



H m	Ø m	EMax lux	EM lux
5	3,44	73	46
4	2,75	114	71
3	2,06	202	126
2	1,38	454	284
1	0,69	1818	1138

16-14 W 4000 K **α=6x54°**



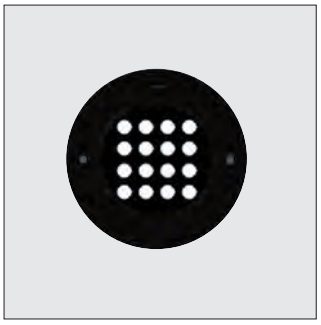
H m	Ø m	EMax lux	EM lux
5	5,18	174	108
4	4,15	272	169
3	3,11	484	301
2	2,07	1088	676
1	1,04	4352	2705

Ego 320 glass walk-over

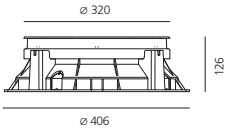
W	Beam	Flux	CRI	CCT	Round	Square
27 W	5°	1550 lm	80	3000K	T4114NSPW00	T4104NSPW00
		1659 lm	80	4000K	T4114NSPN00	T4104NSPN00
	38°	1530 lm	80	3000K	T4114WFLW00	T4104WFLW00
		1637 lm	80	4000K	T4114WFLN00	T4104WFLN00
	6°x54°	1534 lm	80	3000K	T4114ELPTW00	T4104ELPTW00
		1641 lm	80	4000K	T4114ELPTN00	T4104ELPTN00

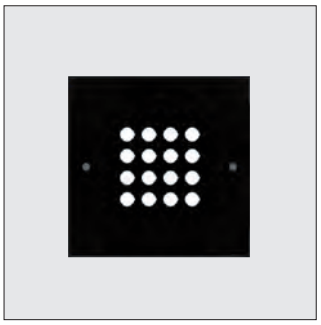
220/240Vac 50/60Hz electronic ballast included

Recessing box	T409909	T409910

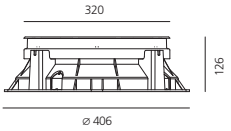


IP65/ **IP**67 **IK**10

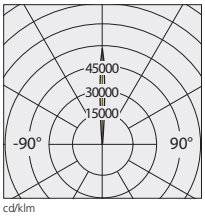




IP65/ **IP**67 **IK**10



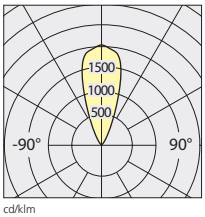
27 W 4000 K **α=5°**



cd/klm

H m	Ø m	EMax lux	EM lux
5	0,47	3822	2418
4	0,38	5972	3778
3	0,28	10617	6716
2	0,19	23889	1510
1	0,09	95555	60440

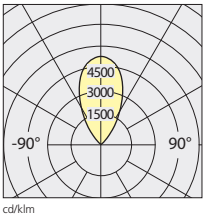
27 W 3000 K **α=38°**



cd/klm

H m	Ø m	EMax lux	EM lux
5	3,52	132	83
4	2,81	206	129
3	2,11	366	229
2	1,41	823	516
1	0,70	3294	2064

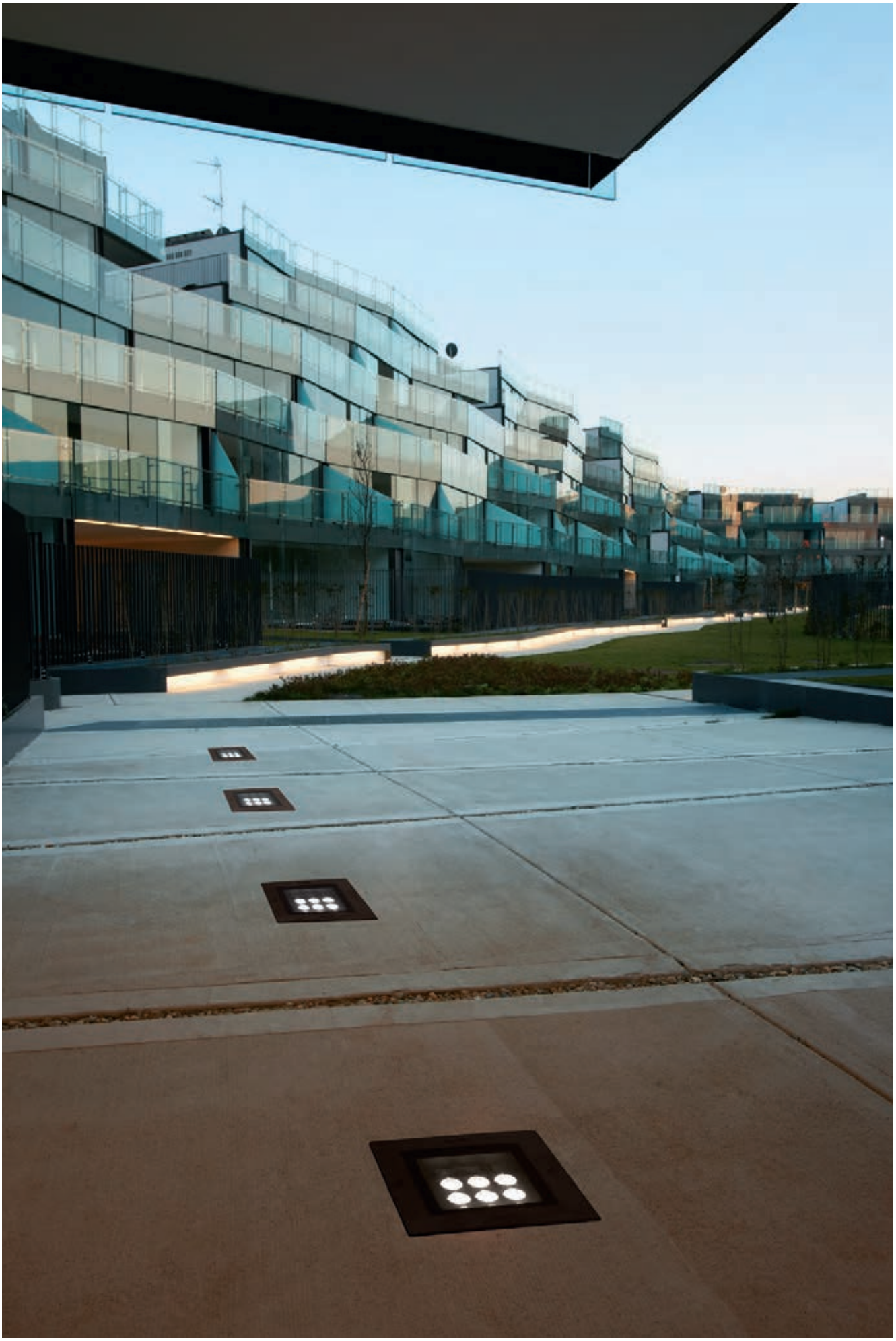
27W 4000 K **α=6°x54°**



cd/klm

C0 - C180
C90 - C270

H m	Ø m	EMax lux	EM lux
5	5,18	335	208
4	4,15	523	325
3	3,11	930	578
2	2,07	2093	1301
1	1,04	8373	5203



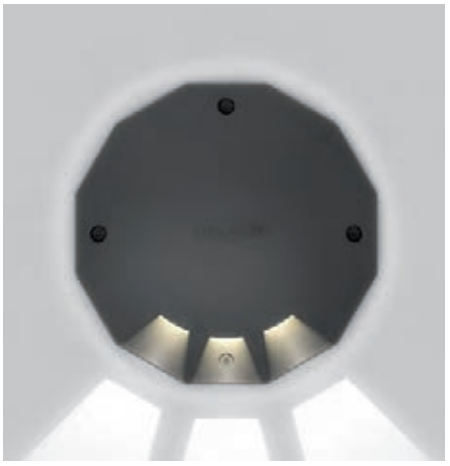
Megara

Michele De Lucchi
2011

- Light fixture with high-performance LED light sources.
- Drive-over recessed floor installation with floor-protruding cap. All the versions are drive-over up to 5000Kg. Due to the low height of the cap, Megara 90 is also suitable for installation in walk-over areas, being careful to avoid areas of direct transit (near walls, buildings, etc.).
- 3 sizes (90, 150, 220 mm).
- Composed by body, cap, diffuser, recessing box.
- Body and cap in painted EN AB44100 aluminium, silicone gaskets; provided with 30 cm-long pre-resined three-pole connection cable (H07RN-F for versions 90 qnd 150, H05RN-F for version 220).
- Electronic ballast integrated in the body.
- Diffuser in UV resistant polycarbonate.
- Power connection to the mains by means of the IP67 connector supplied with the light fixture, which can be housed in the recessing box and is suitable for cables with a diameter from 5 to13.3 mm.
- Fixing to the recessing box is ensured by means of anti-vandal screws TORX.
- Recessing box for laying in reinforced polymer to be ordered separately.
- Radial emission beam optic.
- 1, 2, 4 beam and full configurations.
- White monochromatic LEDs available in 2 colour temperatures:
  Warm = 3000K
  Neutral = 4000K
- Screws in AISI 316 stainless steel.
- Painted die-cast aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Technical features of light fixtures in compliance with EN60598-1 and part 2-13.
- IP Rating IP65-IP67.
- ENEC approved.
- Insulation class I.
- Installation must be carried out by specialized personnel. Carefully follow the instructions.

Megara 90 - 1 beam

Megara 150 - 1 beam

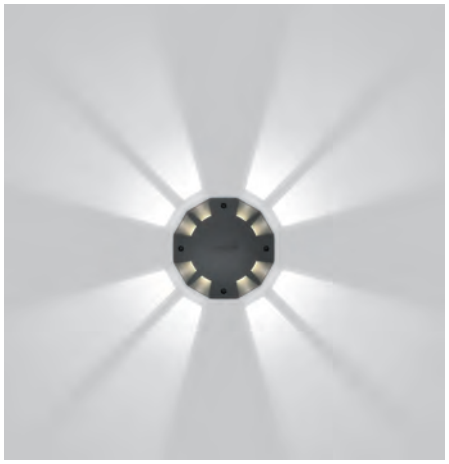


Megara 220 - 1 beam

Megara 90 - 2 beams

Megara 150 - 2 beams

Megara 220 - 2 beams



Megara 90 - 4 beams

Megara 150 - 4 beams

Megara 220 - 4 beams

Megara 90 - full

Megara 150 - full

Megara 220 - full

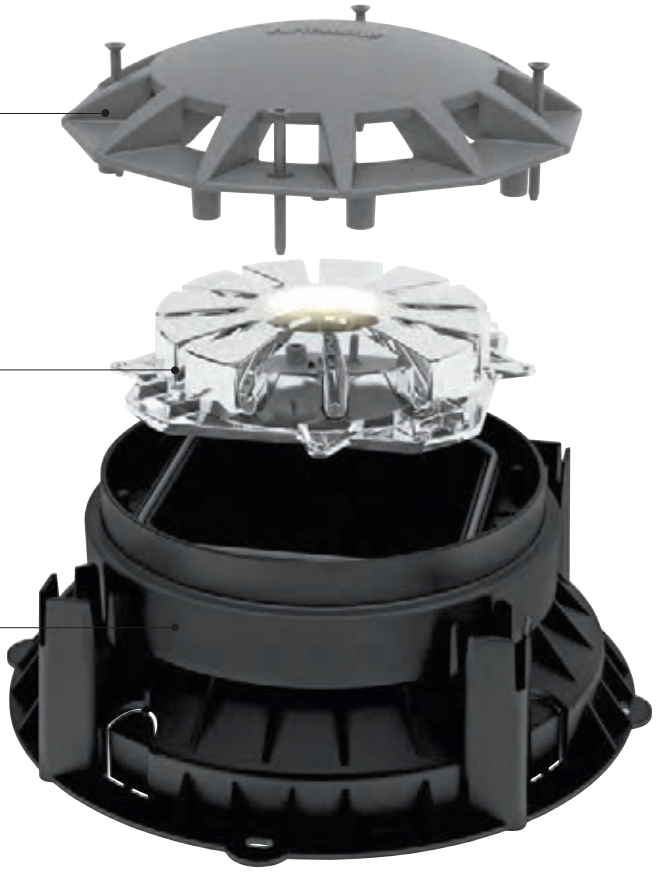
Painted aluminium cap

Diffuser in UV resistant polycarbonate

Recessing box in polymer

Recessed depth:

Megara 90	101mm
Megara 150	122mm
Megara 220	118mm

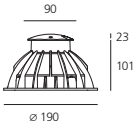


1 Beam

W	CRI	Flux	CCT	Code
3 W	80	6 lm	3000 K	T415300W00
		7 lm	4000 K	T415300N00

220/240Vac 50/60Hz electronic ballast included

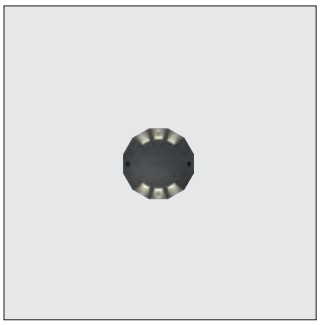
IP65/**IP**67 IK10



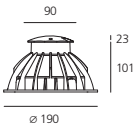
2 Beams

W	CRI	Flux	CCT	Code
3 W	80	12 lm	3000 K	T415200W00
		13 lm	4000 K	T415200N00

220/240Vac 50/60Hz electronic ballast included



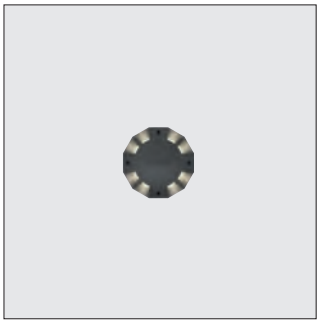
IP65/**IP**67 IK10



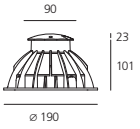
3 Beams

W	CRI	Flux	CCT	Code
3 W	80	15 lm	3000 K	T415100W00
		16 lm	4000 K	T415100N00

220/240Vac 50/60Hz electronic ballast included



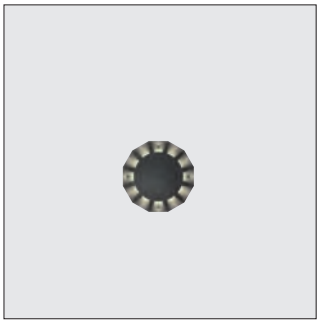
IP65/**IP**67 IK10



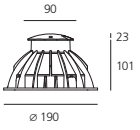
4 Beams

W	CRI	Flux	CCT	Code
3 W	80	22 lm	3000 K	T415000W00
		23 lm	4000 K	T415000N00

220/240Vac 50/60Hz electronic ballast included



IP65/**IP**67 IK10



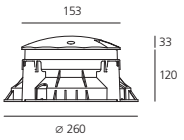
Recessing box	Code
	T409907

1 Beam

W	CRI	Flux	CCT	Code
4 W	80	7 lm	3000 K	T415700W00
		8 lm	4000 K	T415700N00

220/240Vac 50/60Hz electronic ballast included

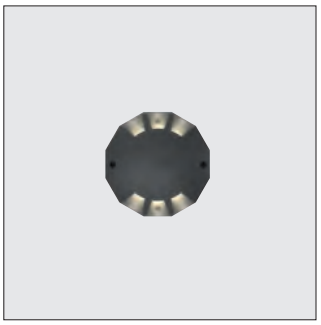
IP65/**IP**67 IK10



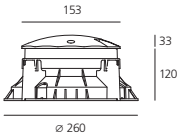
2 Beams

W	CRI	Flux	CCT	Code
4 W	80	14 lm	3000 K	T415600W00
		15 lm	4000 K	T415600N00

220/240Vac 50/60Hz electronic ballast included



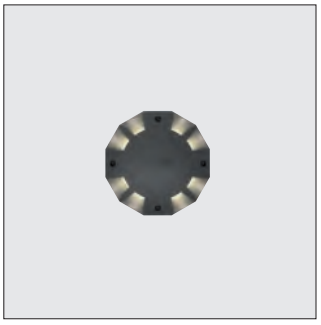
IP65/**IP**67 IK10



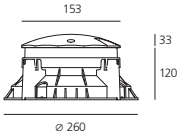
3 Beams

W	CRI	Flux	CCT	Code
4 W	80	18 lm	3000 K	T415500W00
		19 lm	4000 K	T415500N00

220/240Vac 50/60Hz electronic ballast included



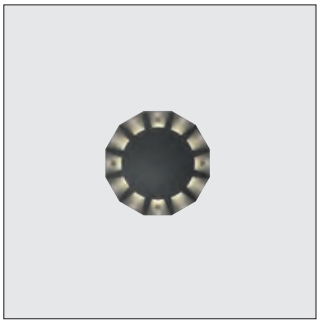
IP65/**IP**67 IK10



4 Beams

W	CRI	Flux	CCT	Code
4 W	80	26 lm	3000 K	T415400W00
		28 lm	4000 K	T415400N00

220/240Vac 50/60Hz electronic ballast included



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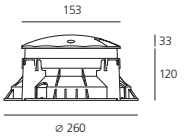


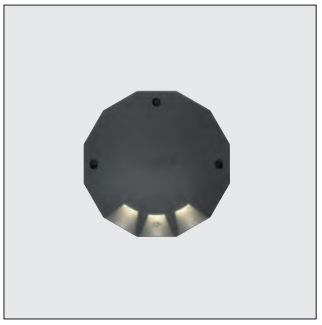
Recessing box	Code
	T409905

Megara 220

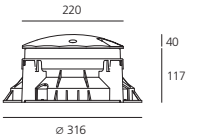
1 Beam

W	CRI	Flux	CCT	Code
9 W	80	8 lm	3000 K	T416100W00
		9 lm	4000 K	T416100N00

220/240Vac 50/60Hz electronic ballast included

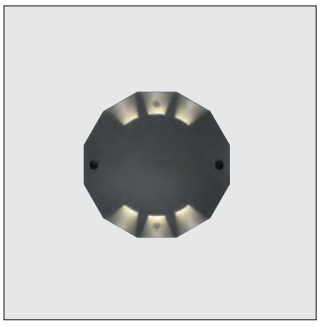


IP65/IP67 IK10

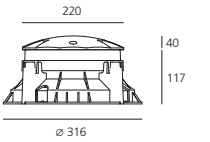


2 Beams

W	CRI	Flux	CCT	Code
9 W	80	13 lm	3000 K	T416000W00
		15 lm	4000 K	T416000N00

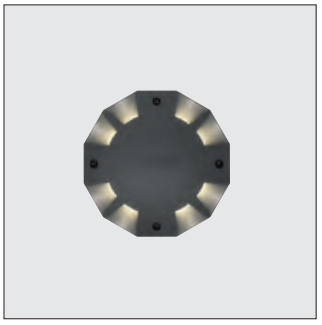


IP65/IP67 IK10

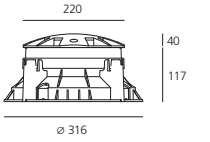


3 Beams

W	CRI	Flux	CCT	Code
9 W	80	17 lm	3000 K	T415900W00
		20 lm	4000 K	T415900N00



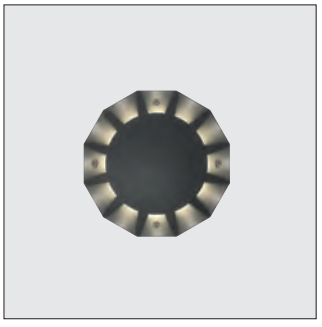
IP65/IP67 IK10



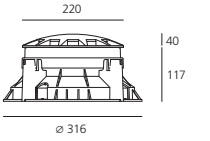
4 Beams

W	CRI	Flux	CCT	Code
9 W	80	26 lm	3000 K	T415800W00
		30 lm	4000 K	T415800N00

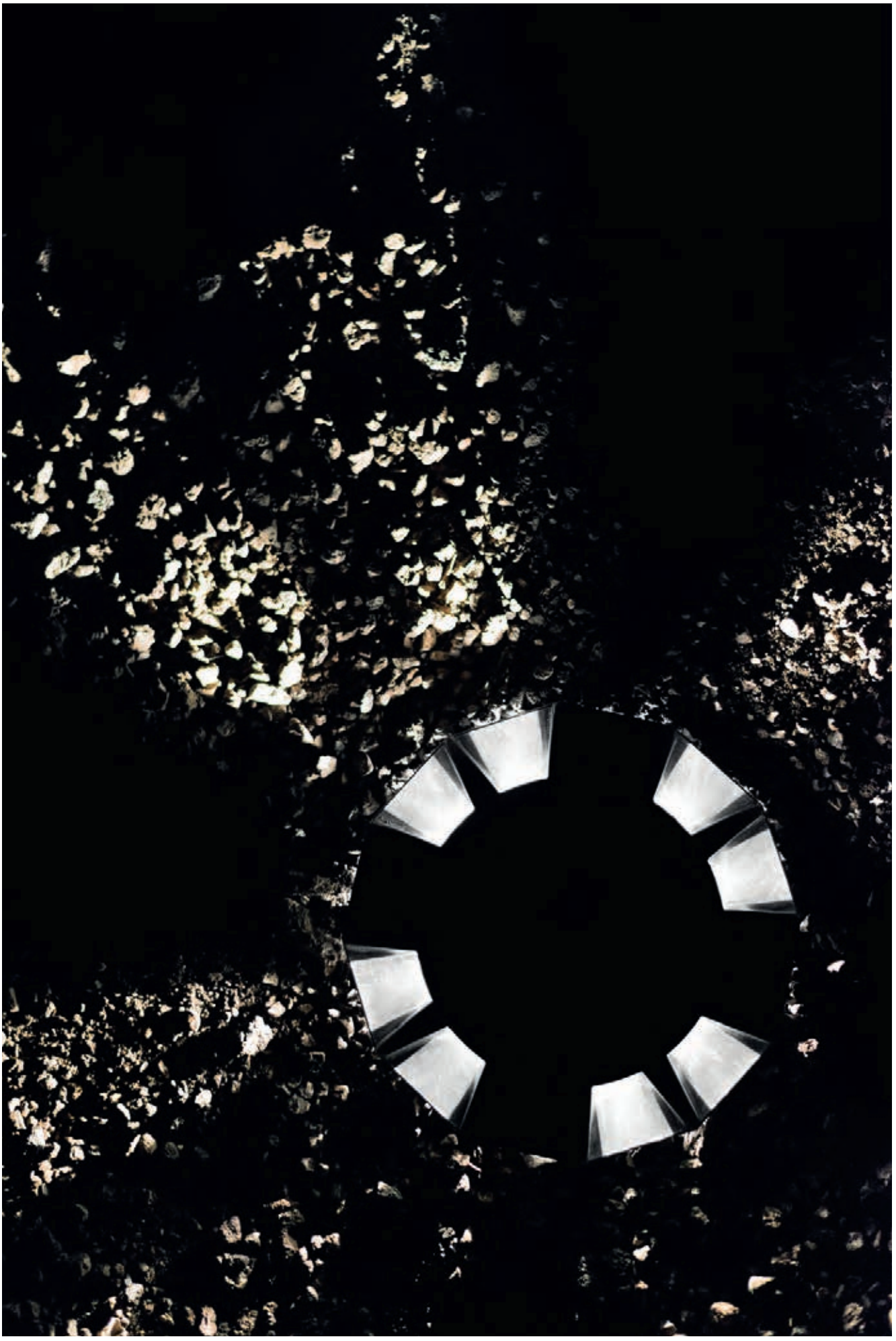
220/240Vac 50/60Hz electronic ballast included



IP65/IP67 IK10



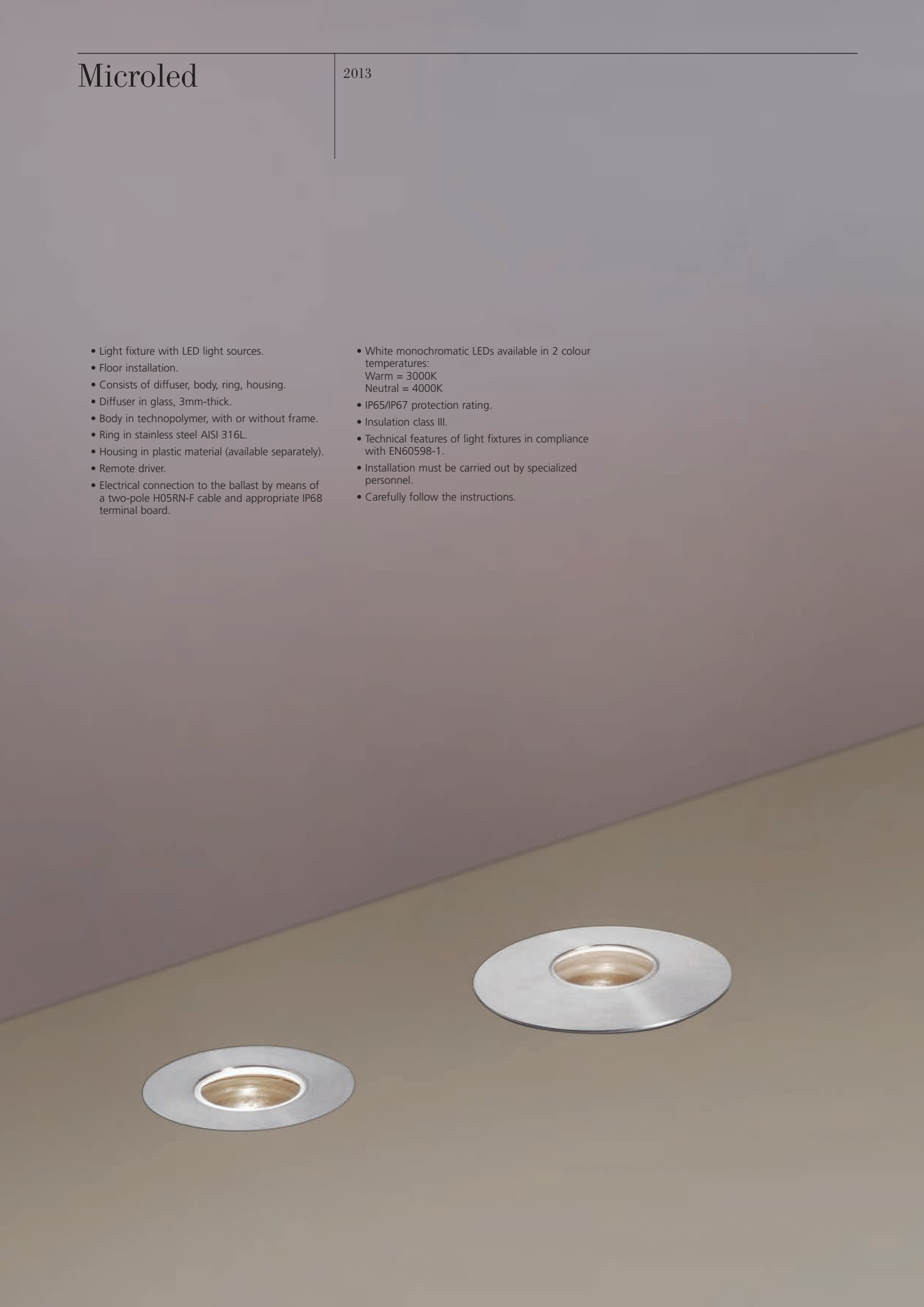
Recessing box	Code
	T409903



Microled

2013

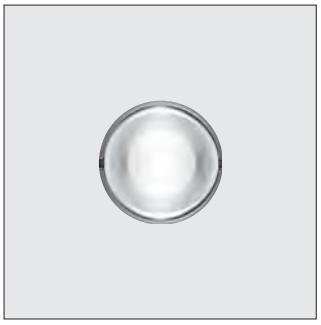
- Light fixture with LED light sources.
- Floor installation.
- Consists of diffuser, body, ring, housing.
- Diffuser in glass, 3mm-thick.
- Body in technopolymer, with or without frame.
- Ring in stainless steel AISI 316L.
- Housing in plastic material (available separately).
- Remote driver.
- Electrical connection to the ballast by means of a two-pole H05RN-F cable and appropriate IP68 terminal board.
- White monochromatic LEDs available in 2 colour temperatures:
  Warm = 3000K
  Neutral = 4000K
- IP65/IP67 protection rating.
- Insulation class III.
- Technical features of light fixtures in compliance with EN60598-1.
- Installation must be carried out by specialized personnel.
- Carefully follow the instructions.



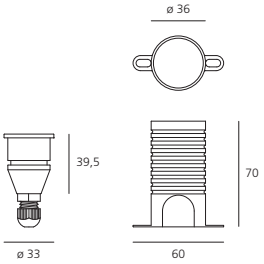
W	Weight	Beam	Flux	CCT	Code
0,5 W	0,20 kg	140°	6,9 lm	3000K	NL42036VSK0
				4000K	NL42036VSW0

Driver 12Vdc SELV supplied separately

Driver	V(ac)	Lmm	Wmm	Hmm	IP		Code
cc 12W 12Vdc	220-240	145	65	55	67	10max	NL19027
cc 40W 12Vdc	220-240	145	65	55	67	32max	NL6203
Recessing box							NL42040H0



IP65/**IP**67 ø 36

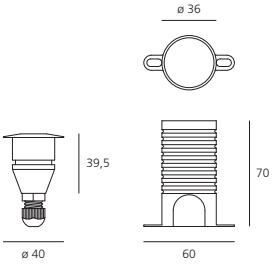


W	Weight	Beam	Flux	CCT	Code
0,5 W	0,20 kg	140°	6,9	3000K	NL42037VSK0
				4000K	NL42037VSW0

Driver 12Vdc SELV supplied separately

Driver	V(ac)	Lmm	Wmm	Hmm	IP		Code
cc 12W 12Vdc	220-240	145	65	55	67	10max	NL19027
cc 40W 12Vdc	220-240	145	65	55	67	32max	NL6203
Recessing box							NL42040H0

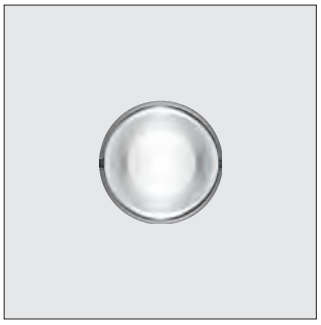
IP65/**IP**67 ø 36



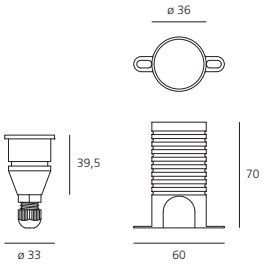
W	Weight	Beam	Code
0,5 W	0,20 kg	140°	NL42038

Driver 24Vdc SELV supplied separately

Driver NLX 2-70	70 W	24Vdc	PWM	IP65	100 max	NL81260
Driver NLX 2-100	100 W	24Vdc	PWM	IP65	150 max	NL84100
DSC 30 USB interface DMX stand alone						NL19030
9V/350mA ballast with mini USB connector for DSC30						NL19031
50cm cable with HE10 connector for keyboard (optional)						NL7833
Recessing box						NL42040H0



IP67 ø 36

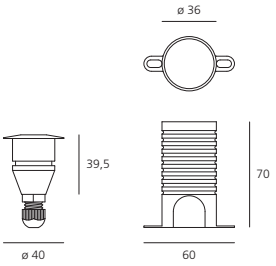


W	Weight	Beam	Code
0,5 W	0,20 kg	140°	NL42039

Driver 24Vdc SELV supplied separately

Driver NLX 2-70	70 W	24Vdc	PWM	IP65	100 max	NL81260
Driver NLX 2-100	100 W	24Vdc	PWM	IP65	150 max	NL84100
DSC 30 USB interface DMX stand alone						NL19030
9V/350mA ballast with mini USB connector for DSC30						NL19031
50cm cable with HE10 connector for keyboard (optional)						NL7833
Recessing box						NL42040H0

IP67 ø 36



Aria

Massimo Sacconi
2012

- Light fixture with high-performance LED light sources.
- Wall or ceiling installation.
- Composed by: frame, body, asymmetrical reflector, fixing springs or housing.
- Body in injection mould of aluminium.
- Frame in aluminium.
- Body and frame are painted with outdoor treatment three stages: nanotechnologies, antioxidant primer, polyester paint.
- Metalized polycarbonate reflector.
- Silicone gasket.
- Protection screen in tempered glass, 3mm-thick.
- Housing in bend metal.
- Electrical connection to the ballast by means of a cable with appropriate terminal board supplied with the fixture.
- White monochromatic LEDs available in 2 colour temperatures:
  Warm = 3000K
  Neutral = 4000K
- IP Rating IP65 or IP40.
- Insulation class III.
- Technical features of light fixtures in compliance with EN60598-1.
- Installation must be carried out by specialized personnel.
- Carefully follow the instructions.

Aria

White ○ Black ● Silver ●

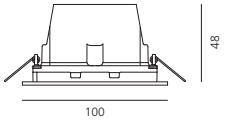
Aria Mini

W LED	Weight	Flux	CCT	Color	IP65 Code	IP40 Code
3 W	0,60 kg	102 lm	3000 K	○	NL31013VTK006	NL31016VTK006
				●	NL31013VTK004	NL31016VTK004
				●	NL31013VTK002	NL31016VTK002
		107 lm	4000 K	○	NL31013VTW006	NL31016VTW006
				●	NL31013VTW004	NL31016VTW004
				●	NL31013VTW002	NL31016VTW002
Electronic ballast 350 mA supplied separately						
8 W		262 lm	3000 K	○	NL31015VTK006	NL31017VTK006
				●	NL31015VTK004	NL31017VTK004
				●	NL31015VTK002	NL31017VTK002
		282 lm	4000 K	○	NL31015VTW006	NL31017VTW006
				●	NL31015VTW004	NL31017VTW004
				●	NL31015VTW002	NL31017VTW002

Electronic ballast 700 mA supplied separately

IP65/ **IP**40

72 x 52 ±2

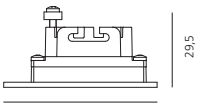


Aria Micro

W LED	Flux	CCT	Color	IP65 Code	IP40 Code
2,5 W	57 lm	3000 K	○	NL31019VTK006	NL31018VTK006
			●	NL31019VTK004	NL31018VTK004
			●	NL31019VTK002	NL31018VTK002
	61 lm	4000 K	○	NL31019VTW006	NL31018VTW006
			●	NL31019VTW004	NL31018VTW004
			●	NL31019VTW002	NL31018VTW002

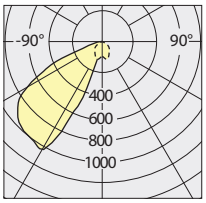
IP65/ **IP**40

49 x 46 ±2



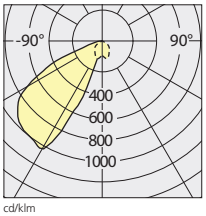
Driver	V(ac)	L_{mm}	W_{mm}	H_{mm}	IP	3 W	8 W	2,5 W	Code
cc 6W 350mA	220-240	140	65	50	67	1 max			NL11022
cc 11W 700mA	220-240	140	65	50	67		1max	2 - 4max	NL19024
cc 35W 700mA	220-240	210	70	50	67		3max	7-14max	NL19029
cc 9W 350mA	220-240	75	38	22		2max			NL19032
cc 10W 700mA	220-240	75	38	22			1max	2 - 3max	NL19035
cc 20W 700mA	220-240	125	38	23			2max	2-7max	NL19036
Recessing box	Aria Mini								NL31014H0
	Aria Micro								NL31020H0

Aria Mini	LED		luminaire		3 W
Power	3 W	3 W	3 W	3 W	
Flux	290 lm	305 lm	102 lm	107 lm	
CCT	3000 K	4000 K	3000 K	4000 K	
CRI	=85 (min.)				
Color tolerance	MacAdam 3SDCM				
Service life	L70(6K) > 36000h				
Beam					
Efficiency			35%	35%	
Efficacy	93 lm/W	98 lm/W	33 lm/W	34 lm/W	



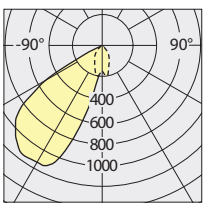
cd/klm

Aria Mini	LED		luminaire		8 W
Power	8 W	8 W	8 W	8 W	
Flux	810 lm	874 lm	262 lm	282 lm	
CCT	3000 K	4000 K	3000 K	4000 K	
CRI	=80 (min.)				
Color tolerance	MacAdam 2SDCM				
Service life	L70(6K) > 36000h				
Beam					
Efficiency			32%	32%	
Efficacy	99 lm/W	107 lm/W	32 lm/W	35 lm/W	



cd/klm

Aria Micro	LED		luminaire		2,5 W
Power	2,5 W	2,5 W	2,5 W	2,5 W	
Flux	165 lm	177 lm	57 lm	61 lm	
CCT	3000 K	4000 K	3000 K	4000 K	
CRI	=80 (min.)				
Color tolerance	MacAdam 4SDCM				
Service life	L70(10K) > 60500h				
Beam					
Efficiency			34%	34%	
Efficacy	72 lm/W	77 lm/W	21 lm/W	23 lm/W	

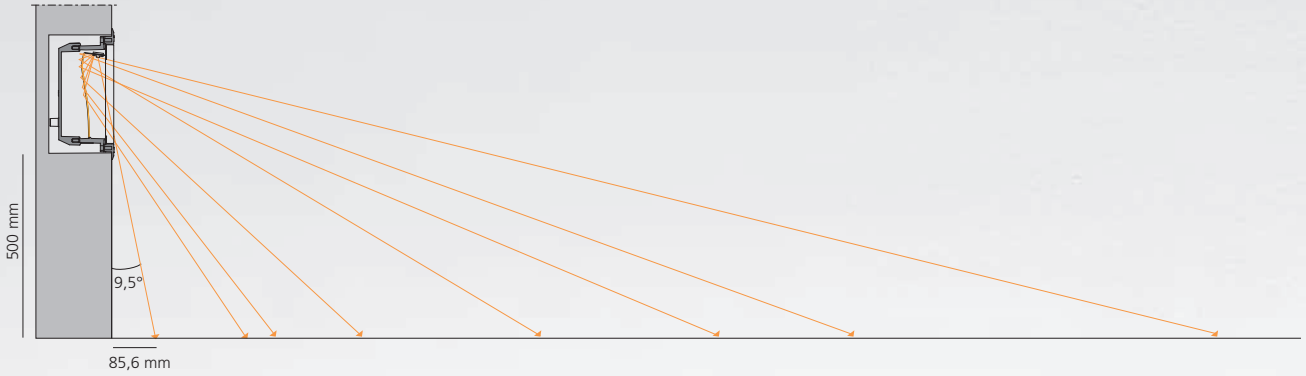


cd/klm

Artemide Showroom, Frankfurt a/M - DE

Faci

Ernesto Gismondi
2012

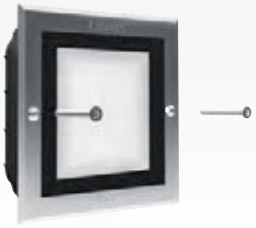


Recessed hole
Faci 12
160 x 160 x 80 mm
Faci 24
280 x 160 x 80 mm
Faci 36
400 x 160 x 80 mm

Recessing box
Faci 12
135 x 137 x 75 mm
Faci 24
256 x 137 x 75 mm
Faci 36
376 x 137 x 75 mm

Body in nylon reinforced with fibre glass

Reflector in optic aluminium with high coefficient of reflection + strip LED



Tempered glass and cromed zamak frame

- Light fixture with high-performance LED light sources.
- Recessed wall installation.
- 3 sizes (120, 240 and 360 mm length).
- Consist of by lamp body and recessing box.
- Body in high-resistance reinforced polymer. The lamp body is snap-fitted into the recessing box, then it is fixed by means of two anti-vandal screws Torx. This product is suitable for areas at risk of vandalism.
- Aluminium reflector conveying and diffusing the light flow downwards to ensure an even floor lighting and visual comfort without glare.
- Diffuser in 8mm-thick silkscreened tempered glass to ensure higher vandal-proof resistance.
- Front frame in chromed zamac.
- Recessing box for laying in reinforced polymer, with low depth, can be ordered separately.
- Wiring inside the lamp body with IP65 grommet suitable for cables with a diameter of 8-12 mm for the connection to the mains.
- AISI 316 setscrews and silicone seal gaskets.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.
- Installation must be carried out by specialized personnel. Carefully follow the instructions.

Polished

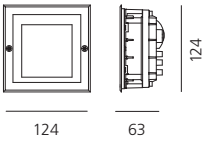
Faci 12

W	Flux	CCT	CRI	Color	Code
3 W	62 lm	3000 K	85		T417400W00
	71 lm	4000 K	80		T417400N00

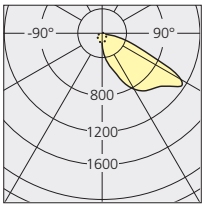
220/240Vac 50/60Hz electronic ballast 50/60Hz included

Recessing box 135x137x75 mm — T409921

IP65 **IK**10



3 W 4000 K



C = 0°-180°
C = 90°-270°
Cd/Klm

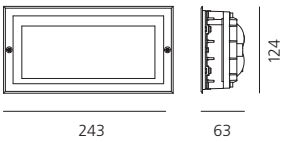
Faci 24

W	Flux	CCT	CRI	Color	Code
5 W	189 lm	3000 K	85		T417600W00
	215 lm	4000 K	80		T417600N00

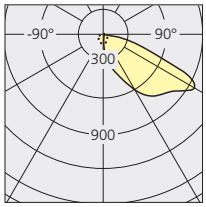
220/240Vac 50/60Hz electronic ballast 50/60Hz included

Recessing box 256x137x75 mm — T409922

IP65 **IK**10



5 W 4000 K



C = 0°-180°
C = 90°-270°
Cd/Klm

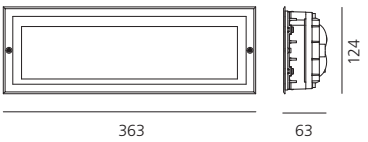
Faci 36

W	Flux	CCT	CRI	Color	Code
9 W	265 lm	3000 K	85		T417800W00
	302 lm	4000 K	80		T417800N00

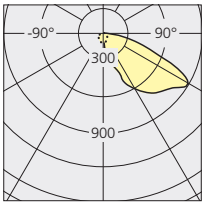
220/240Vac 50/60Hz electronic ballast 50/60Hz included

Recessing box 376x137x75 mm — T409923

IP65 **IK**10



9 W 4000 K

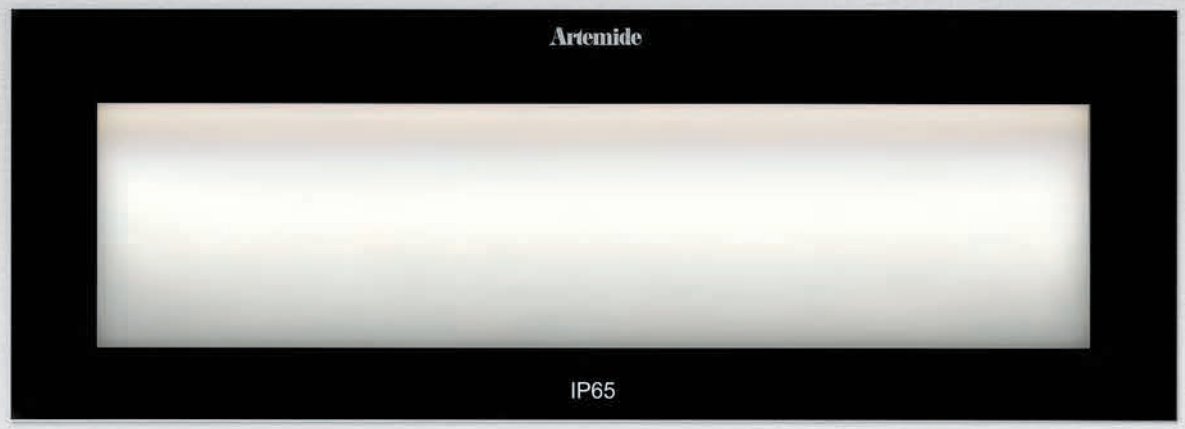


C = 0°-180°
C = 90°-270°
Cd/Klm

Centro Servizi dello Studentato Universitario, Trento - IT
Progect: Studio Palerm and Tabares de Nava s.L. Arquitectos + CLA SdS Engeneering, ing Luca Masini

Faci vetro

Ernesto Gismondi
2012



- Light fixture with high-performance LED light sources.
- Recessed wall installation.
- Consist of 3 sizes (120, 240 and 360mm length).
- Composed by lamp body and recessing box.
- Body in high-resistance reinforced polymer. The lamp body is snap-fitted into the recessing box, so the final product has no visible screws and the glass is flush with the wall.
- Aluminium reflector conveying and diffusing the light flow downwards to ensure an even floor lighting and visual comfort without glare.
- Diffuser in 6mm-thick silkscreened tempered glass.
- Recessing box for laying in reinforced polymer, with low depth, can be ordered separately.
- Wiring inside the lamp body with IP65 grommet suitable for cables with a diameter of 8-12mm for the connection to the mains.
- AISI 316 setscrews and silicone seal gaskets.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.
- Installation must be carried out by specialized personnel. Carefully follow the instructions.

Faci vetro

Recessed hole
Faci 12
160 x 160 x 80 mm
Faci 24
280 x 160 x 80 mm
Faci 36
400 x 160 x 80 mm

Recessing box
Faci 12
135 x 137 x 75 mm
Faci 24
256 x 137 x 75 mm
Faci 36
376 x 137 x 75 mm

Lighting unit

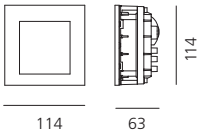
Faci vetro 12

W	Flux	CCT	CRI	Color	Code
3 W	62 lm	3000 K	85		T417500W00
	71 lm	4000 K	80		T417500N00

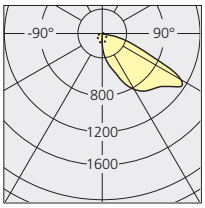
220/240Vac 50/60Hz electronic ballast 50/60Hz included

Recessing box 135x137x75 mm	T409921

IP65 **IK**10



3 W 4000 K



C = 0°-180° Cd/Klm
C = 90°-270°

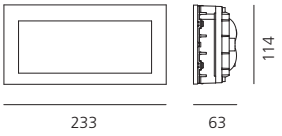
Faci vetro 24

W	Flux	CCT	CRI	Color	Code
5 W	189 lm	3000 K	85		T417700W00
	215 lm	4000 K	80		T417700N00

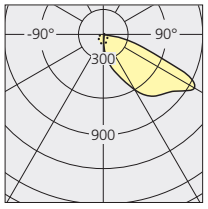
220/240Vac 50/60Hz electronic ballast 50/60Hz included

Recessing box 256x137x75 mm	T409922

IP65 **IK**10



5 W 4000 K



C = 0°-180° Cd/Klm
C = 90°-270°

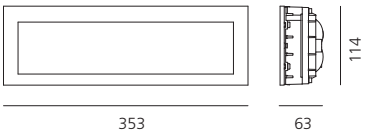
Faci vetro 36

W	Flux	CCT	CRI	Color	Code
9 W	265 lm	3000 K	85		T417900W00
	302 lm	4000 K	80		T417900N00

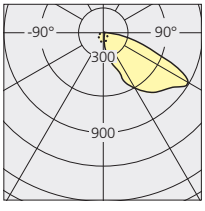
220/240Vac 50/60Hz electronic ballast 50/60Hz included

Recessing box 376x137x75 mm	T409923

IP65 **IK**10



9 W 4000 K



C = 0°-180° Cd/Klm
C = 90°-270°

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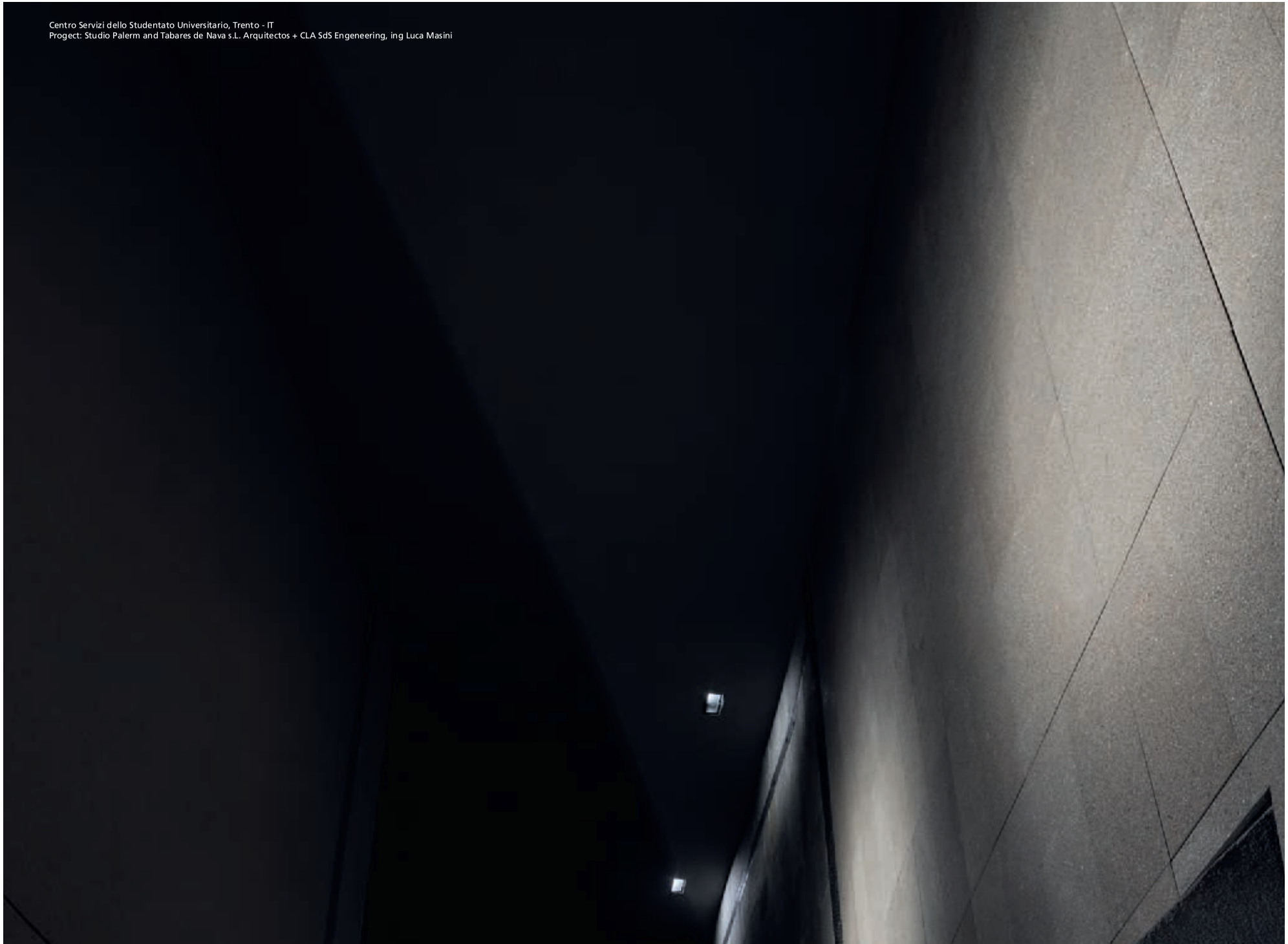
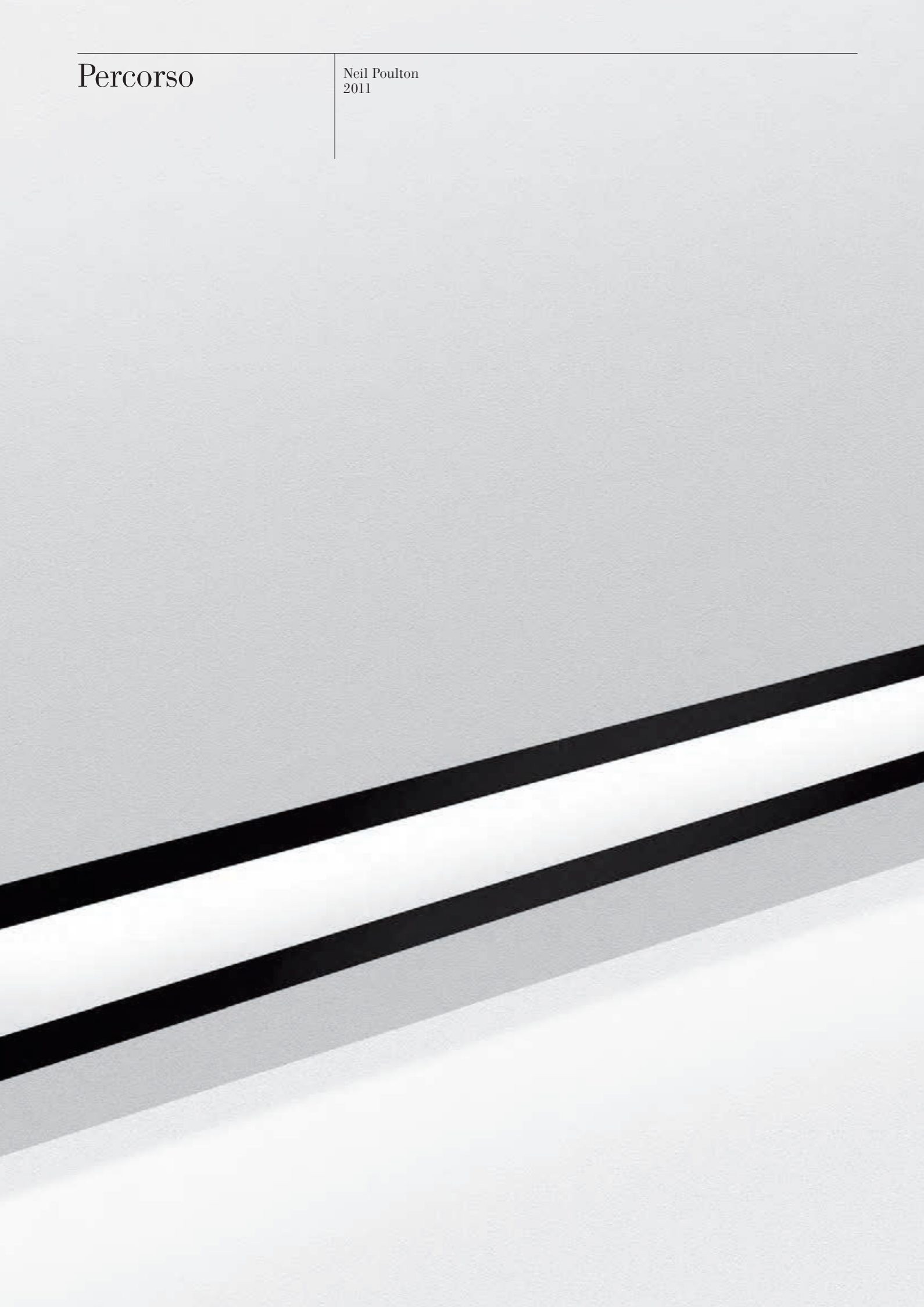
Progect: Studio Palerm and Tabares de Nava s.L. Arquitectos + CLA SdS Engeneering, ing Luca Masini



Percorso

Neil Poulton
2011



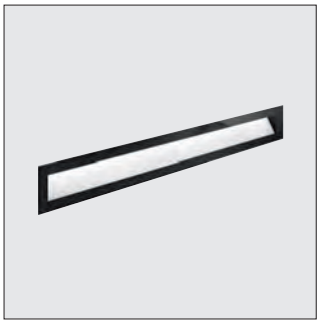
- Light fixture with high-performance LED light sources.
- Recessed wall installation.
- Consist of body in extruded aluminium, protection glass (IP65) or polycarbonate diffuser (IP40); provided with junction box for input/ output connection, housing, end caps.
- Body in extruded EN AW6060 T5 aluminum.
- 4mm-thick transparent tempered glass, IP65.
- Glass surface temperature lower than 35°C.
- 1mm-thick transparent polycarbonate, IP40.
- End caps in extruded aluminium with silicone gasket.
- Concrete recessing box in extruded aluminium for laying in, with end caps and accessories for series connection (to be ordered separately).
- Recessing box for panels or plasterboard in painted metal (to be ordered separately).
- Installation of both version in panels (wood, plasterboard) or in concrete/bricks with appropriate housings.
- 24Vdc remote ballast.
- Electrical connection to the ballast by means of H05RN-F cable, with IP68 terminal block supplied with the fixture.
- Painted profile with 2-stage outdoor treatment: primer, outdoor paint.
- White monochromatic LEDs available in 2 colour temperatures:
  Warm = 3000K
  Neutral = 4000K
- IP Rating IP40 or IP65.
- Insulation class III.
- Technical features of light fixtures in compliance with EN60598-1.
- Installation must be carried out by specialized personnel.
- Carefully follow the instructions.

Percorso IP65

White ○ Black ●

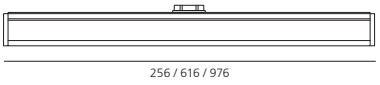
CRI = 80(min)

W	L	Weight	Flux	Efficacy	CCT	Color	Code
2 W	256	0,60kg	108 lm	54 lm/W	3000K	●	NL50026VSK004
						○	NL50026VSK006
			120 lm	60 lm/W	4000K	●	NL50026VSW004
						○	NL50026VSW006
5 W	616	1,00kg	270 lm	54 lm/W	3000K	●	NL50014VSK004
						○	NL50014VSK006
			300 lm	60 lm/W	4000K	●	NL50014VSW004
						○	NL50014VSW006
8 W	976	1,50kg	432 lm	54 lm/W	3000K	●	NL50015VSK004
						○	NL50015VSK006
			480 lm	60 lm/W	4000K	●	NL50015VSW004
						○	NL50015VSW006



L x 130 x 70h

Driver 24Vdc SELV supplied separately
Dimmable fixture, dimming devices available upon request.

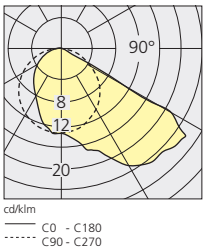


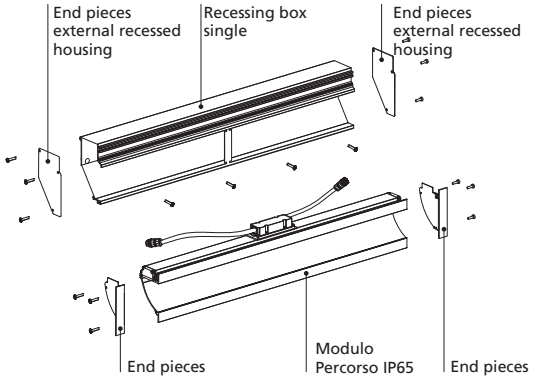
				2 W	5 W	8 W	
Driver	IP67	40 W	24Vdc	16 max	6 max	4 max	NL62040
Driver	IP67	70 W	24Vdc	30 max	12 max	7 max	NL89080
Driver	IP67	150 W	24Vdc	40 max	16 max	10 max	NL62880

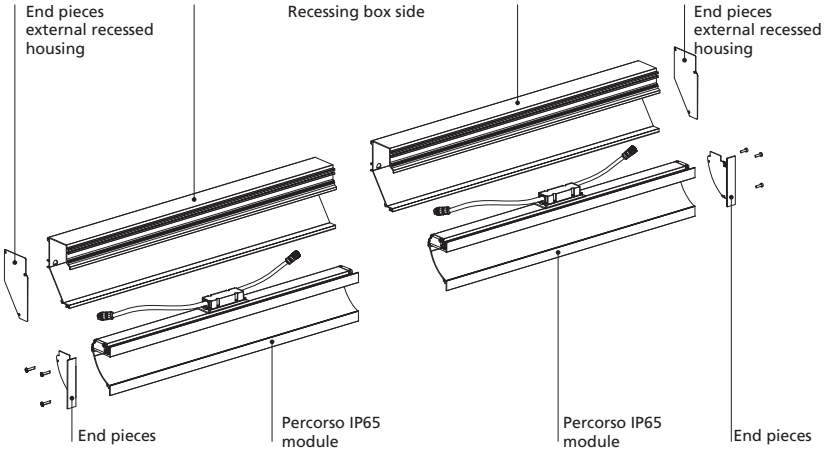
Maximum linear length of a series of products with one supply line:
6m. For lines exceeding 6m, provide multiple supply lines.

	L mm	Code
Recessing box Single / Side for module 256	268	NL50028H0
Recessing box Central for module 256	256	NL50029H0
Recessing box Single / Side for module 616	628	NL50018H0
Recessing box Central for module 616	616	NL50019H0
Recessing box Single / Side for module 976	988	NL50020H0
Recessing box Central for module 976	976	NL50021H0
End pieces (Dx Sx)	●	NL50025004
	○	NL50025006
Pair of end pieces for external recessed housing		NL50024
Power supply connector & connector end cap		NL19052
Extracting tool		NL50054

1000 mm 4000 K





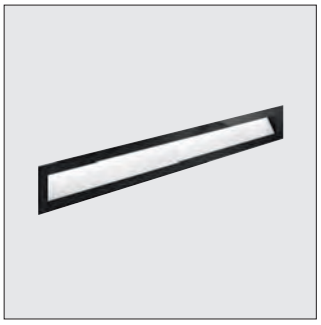


Percorso IP40

White ○ Black ●

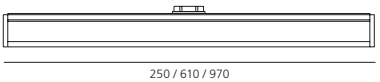
CRI = 80(min)

W	L	Weight	Flux	Efficacy	CCT	Color	Code
2 W	250	0,60kg	108 lm	54 lm/W	3000K	●	NL50027VSK004
						○	NL50027VSK006
			120 lm	60 lm/W	4000K	●	NL50027VSW004
						○	NL50027VSW006
5 W	610	1,00kg	270 lm	54 lm/W	3000K	●	NL50016VSK004
						○	NL50016VSK006
			300 lm	60 lm/W	4000K	●	NL50016VSW004
						○	NL50016VSW006
8 W	970	1,50kg	432 lm	54 lm/W	3000K	●	NL50017VSK004
						○	NL50017VSK006
			480 lm	60 lm/W	4000K	●	NL50017VSW004
						○	NL50017VSW006



L x 100

Driver 24Vdc SELV supplied separately
Dimmable fixture, dimming devices available upon request.

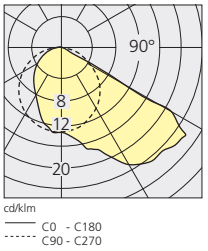


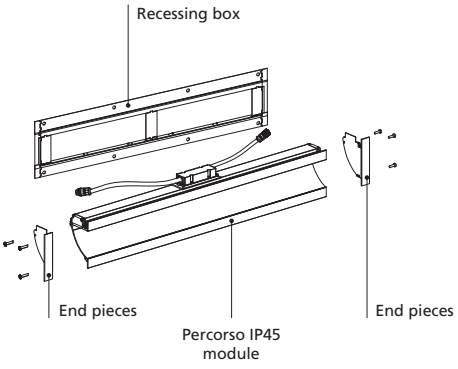
			2 W	5 W	8 W	
Driver	10 W	24Vdc	4 max	1 max	1 max	NL10964
Driver	19 W	24Vdc	8 max	3 max	2 max	NL19040
Driver	70 W	24Vdc	30 max	12 max	7 max	NL8711

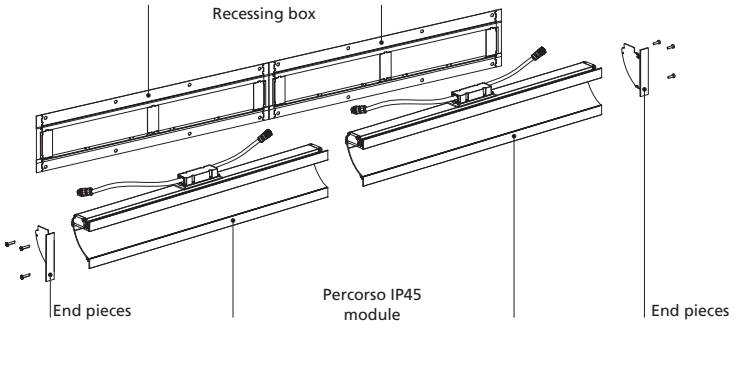
Maximum linear length of a series of products with one supply line:
6m. For lines exceeding 6m, provide multiple supply lines.

	L mm	Code
Recessing box for panels for module 250	268	NL50030H0
Recessing box for panels for module 610	628	NL50022H0
Recessing box for panels for module 970	988	NL50023H0
End pieces (Dx Sx)	●	NL50025004
	○	NL50025006
Power supply connector & connector end cap		NL19052
Extracting tool		NL50054

1000 mm 4000 K





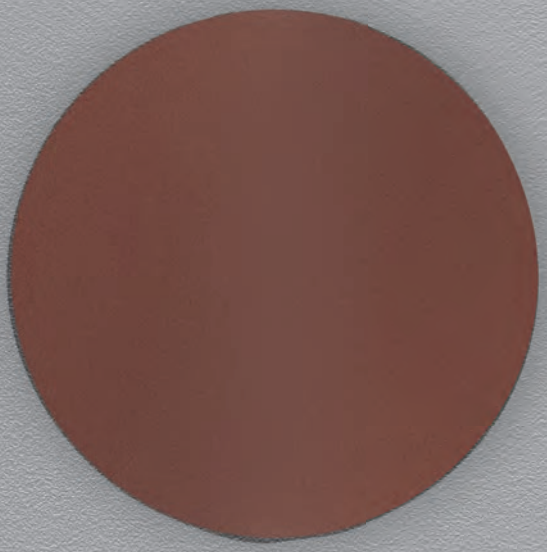


Graphic Lighting
General Lighting
Path Lighting

758 Effetto
764 Calumet
768 Molla
770 Pantarei
774 Niki
778 Dioscuri
782 Mitasi
784 Cuneo
788 Basolo
790 Illo Cantilina Aglaia
792 Nuda
798 Ciclope
804 Chilone
810 Tetragono
814 Eraclea
816 Ippolito
818 Logico Garden
822 Piroscafo
824 Granito
828 Reeds

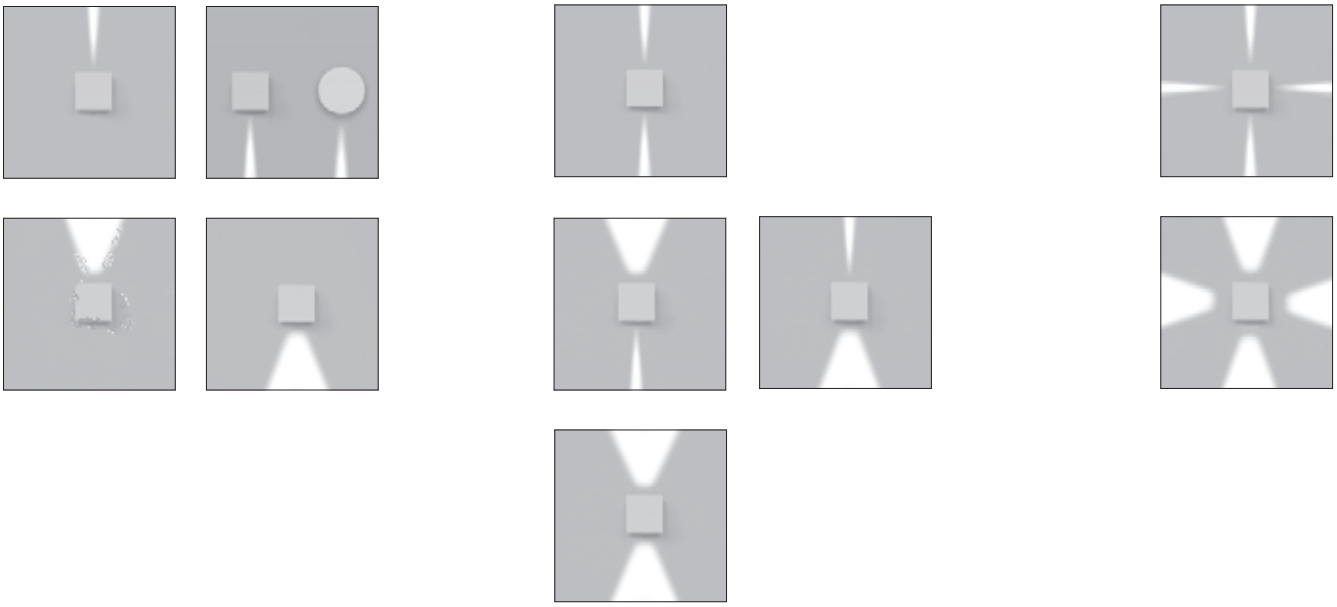
Effetto

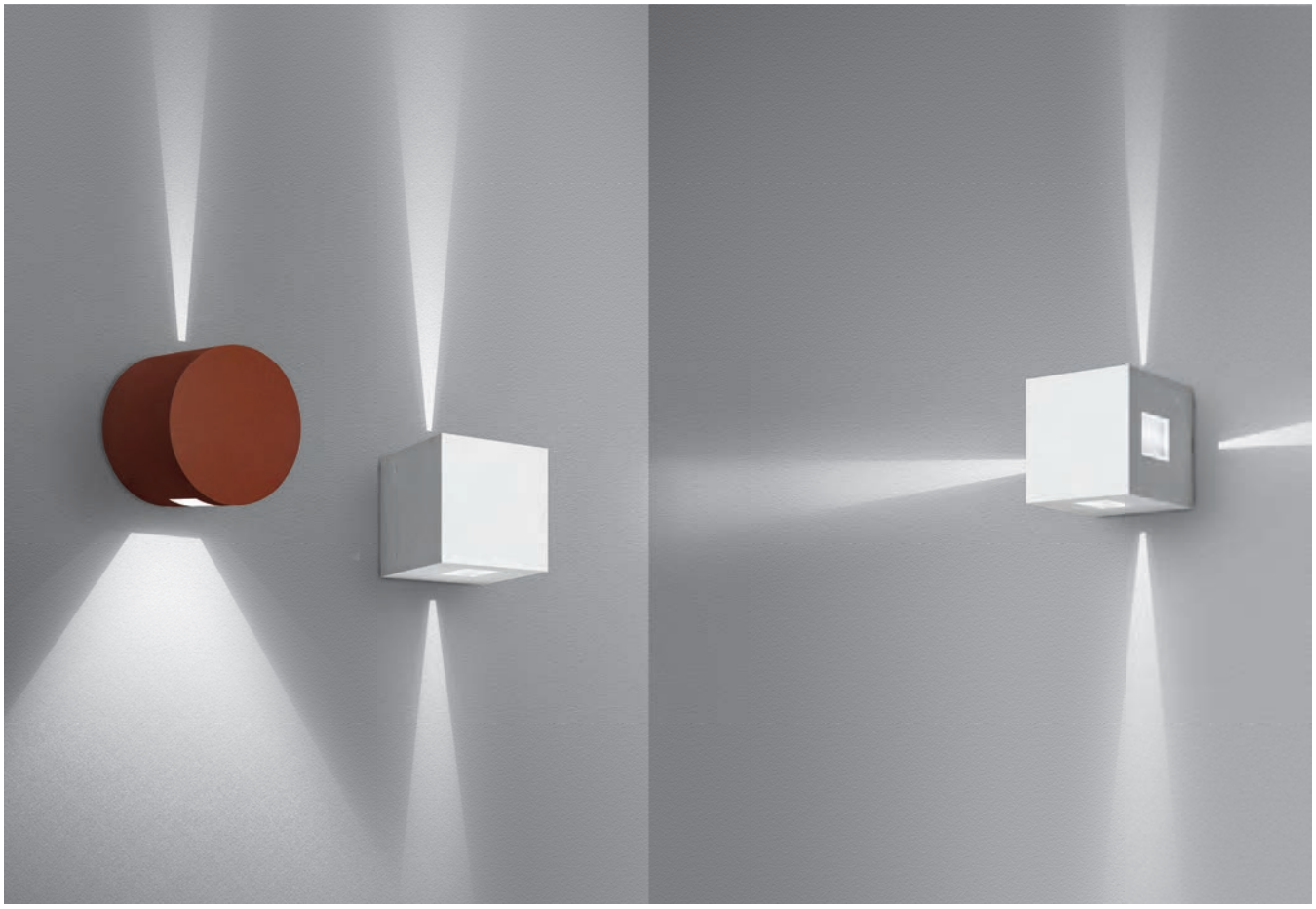
Ernesto Gismondi
2011



- Light fixture with 1, 2 or 4 light beams using monochromatic LED light sources together with light-diffusing lenses which optimize the optical performance of the beams and establish their width. Designed to create geometric lights of scenic effect, it is available with beams of the same spread or with combined beams.
- Beam spread 15° and 90°.
- Wall installation.
- Available in two shapes: square and round and in two finishes: grey-white painted and rust painted.
- Consists of lighting cap unit and terminal board fixed together by means of locking dowels.
- Cap in die-cast EN AB-47100 aluminium.
- Terminal board in reinforced polymer.
- Watertight gasket in silicone rubber.
- Electronic ballast integrated in the fixture.
- PMMA lenses siliconed flush with the cap to obtain two different beam angle opening (narrow and wide).
- White monochromatic LEDs available in 2 colour temperatures:
  Warm = 3000K
  Neutral = 4000K
- Wiring to be carried out inside the terminal board by piercing an IP65 membrane grommet suitable for cables with a diameter of 6-13 mm.
- Locking dowels used outside the fixture in AISI 316 stainless steel.
- Painted die-cast aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.

Effetto





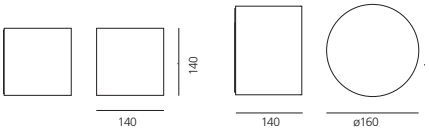
Effetto

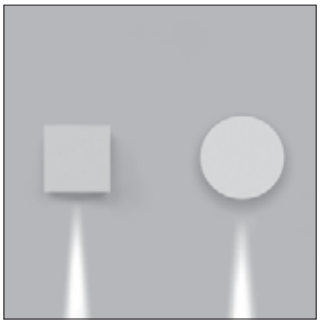
Grey-white RAL9002 ○ Rust ●

1 narrow beam

W (LED)	Beam Square	Beam Round	Flux Square	Flux Round	CCT	Color	Square Code	Round Code
4,5 W	1x4°	1x2°	19 lm	23,47 lm	3000 K	○	T42021NW00	T42121NW00
						●	T42021NW10	T42121NW10
			19 lm	23,47 lm	4000 K	○	T42021NN00	T42121NN00
						●	T42021NN10	T42121NN10

220/240Vac 50/60Hz electronic ballast included.



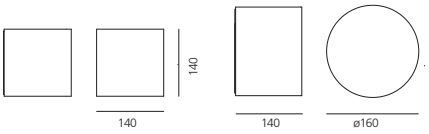


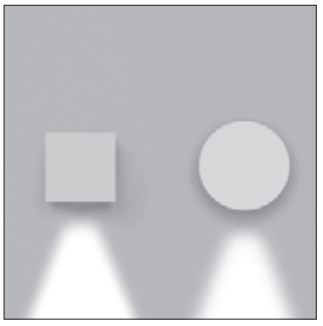
IP65 IK10

1 large beam

W (LED)	Beam Square	Beam Round	Flux Square	Flux Round	CCT	Color	Square Code	Round Code
4,5 W	1x46°	1x38°	54,50 lm	49,90 lm	3000 K	○	T42021LW00	T42121LW00
						●	T42021LW10	T42121LW10
			54,50 lm	49,90 lm	4000 K	○	T42021LN00	T42121LN00
						●	T42021LN10	T42121LN10

220/240Vac 50/60Hz electronic ballast included.



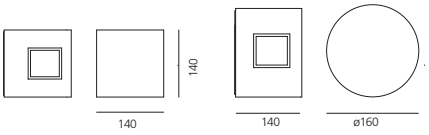


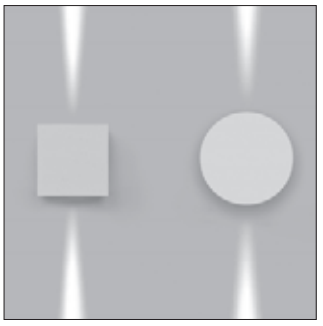
IP65 IK10

2 narrow beams

W (LED)	Beam Square	Beam Round	Flux Square	Flux Round	CCT	Color	Square Code	Round Code
7 W	2x4°	2x2°	37,62 lm	49,34 lm	3000 K	○	T42012NW00	T42112NW00
						●	T42012NW10	T42112NW10
			37,62 lm	49,34 lm	4000 K	○	T42012NN00	T42112NN00
						●	T42012NN10	T42112NN10

220/240Vac 50/60Hz electronic ballast included.



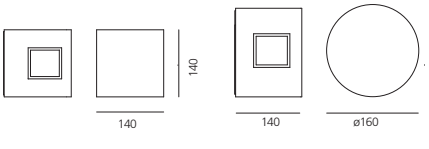


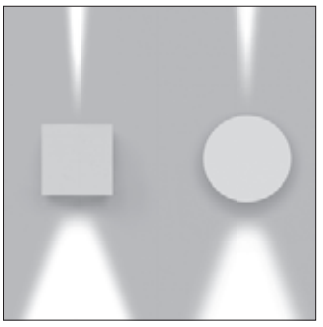
IP65 IK10

1 narrow beam 1 large beam

W (LED)	Beam Square	Beam Round	Flux Square	Flux Round	CCT	Color	Square Code	Round Code
7 W	1x4°+1x46°	1x2°+1x38°	73,32 lm	73,36 lm	3000 K	○	T4201NLW00	T4211NLW00
						●	T4201NLW10	T4211NLW10
			73,32 lm	73,36 lm	4000 K	○	T4201NLN00	T4211NLN00
						●	T4201NLN10	T4211NLN10

220/240Vac 50/60Hz electronic ballast included.





IP65 IK10

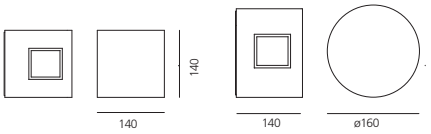
Effetto

Grey-white RAL9002 ○ Rust ●

2 large beams

W (LED)	Beam Square	Beam Round	Flux Square	Flux Round	CCT	Color	Square Code	Round Code
7 W	2x46°	2x38°	109 lm	99,82 lm	3000 K	○	T42012LW00	T42112LW00
						●	T42012LW10	T42112LW10
			109 lm	99,82 lm	4000 K	○	T42012LN00	T42112LN00
						●	T42012LN10	T42112LN10

220/240Vac 50/60Hz electronic ballast included.

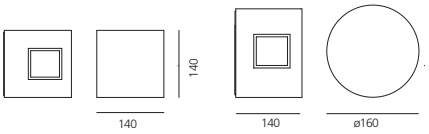


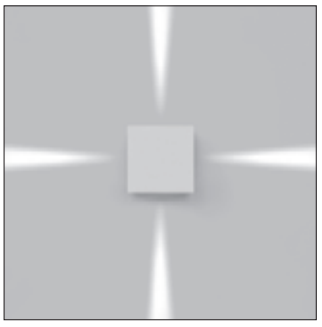
IP65 IK10

4 narrow beams

W (LED)	Beam Square	Beam Round	Flux Square	Flux Round	CCT	Color	Square Code	Round Code
11 W	4x4°	4x2°	76,10 lm	102,36 lm	3000 K	○	T42004NW00	T42104NW00
					4000 K	●	T42004NW10	T42104NW10
			76,10 lm	102,36 lm	3000 K	○	T42004NN00	T42104NN00
					4000 K	●	T42004NN10	T42104NN10

220/240Vac 50/60Hz electronic ballast included.



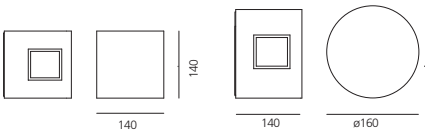


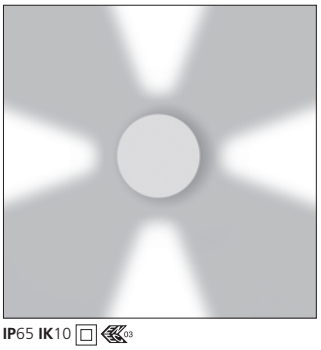
IP65 IK10

4 large beams

W (LED)	Beam Square	Beam Round	Flux Square	Flux Round	CCT	Color	Square Code	Round Code
11 W	4x46°	4x38°	218,59 lm	102,36 lm	3000 K	○	T42004LW00	T42104LW00
						●	T42004LW10	T42104LW10
			218,59 lm	102,36 lm	4000 K	○	T42004LN00	T42104LN00
						●	T42004LN10	T42104LN10

220/240Vac 50/60Hz electronic ballast included.





IP65 IK10

Calumet

Ernesto Gismondi
2012

- Lighting system with single or double emission, with high-performance LED light sources combined with lenses which optimize the light emitting efficiency of the beams and determine their spread.
- Available in two sizes: ø 8 e ø 13 cm.
- Ceiling and wall installation.
- Available in two finishes: light grey and anthracite grey painted.

Calumet wall

- Single or double emission version.
- Consist of lighting body, lighting cap and wall fixing bracket.
- Cylindrical body in EN AW-6060 aluminium containing the electronic power supply components.
- Optical lighting body in EN AW-6060 aluminium.
- Led and collimator lenses which swing by means of an aluminium bracket.
- Diffuser in toughened glass.
- Wall fixing bracket in bent steel.
- Water tight silicone gaskets.
- Electronic ballast integrated in the body.
- PMMA lenses with narrow beam (8,5° and 5,6°)
- White monochromatic LEDs available in 2 colour temperatures:
  Warm = 3000K
  Neutral = 4000K
- IP65 electrical connection device suitable for cables with a diameter between 6 and 13 mm and allowing the electrical interfacing with the external mains without need of opening the fixture.
- All fixing dowels used outside the fixture are in AISI 304 stainless steel.
- The components in die-cast aluminium and the steel bracket for wall fixing are painted by means of 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- Insulation class II.

Calumet ceiling

- Made up of cylindrical body, lighting cap and ceiling fixing flange.
- Cylindrical body in EN AW-6060 aluminium containing the electronic power supply components.
- Optical lighting body in EN AW-6060 aluminium
- Led and collimator lenses which swing by means of an aluminium bracket.
- Diffuser in toughened glass
- Water tight silicone gaskets.
- EN AW-6060 aluminium flange to fix the light fixture to the ceiling.
- Electronic ballast integrated in the body.
- PMMA lenses with narrow beam (8° and 38,2°)
- White monochromatic LEDs available in 2 colour temperatures:
  Warm = 3000K
  Neutral = 4000K
- IP65 electrical connection device suitable for cables with a diameter between 6 and 13 mm and allowing the electrical interfacing with the external mains without need of opening the fixture.
- All fixing dowels used outside the fixture are in AISI 304 stainless steel.
- The components in die-cast aluminium and the steel bracket for wall fixing are painted by means of 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- Insulation class II.

Calumet 8 wall

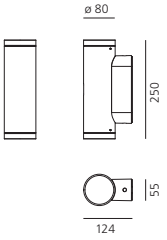
Grey-white RAL9002 ○ Anthracite grey ●

W	Beam	CCT	CRI	Flux	Color	One emission Code
4 W	7,8°	3000 K	80	184 lm	○	T41911NW00
					●	T41911NW10
		4000 K	80	253 lm	○	T41911NN00
					●	T41911NN10

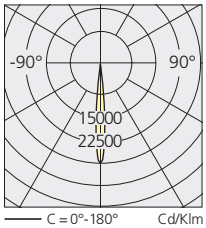
W	Beam	CCT	CRI	Flux	Color	Double emission Code
8 W	2x7,8°	3000 K	80	369 lm	○	T41922NW00
					●	T41922NW10
		4000 K	80	506 lm	○	T41922NN00
					●	T41922NN10

220/240Vac 50/60Hz electronic ballast included

IP65 **IK**06



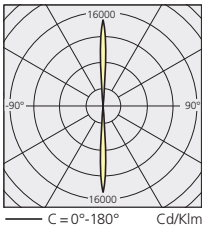
4 W 4000 K α=7,8°



C = 0°-180° Cd/Klm
C = 90°-270°

H m	Ø m	EMax lux	EM lux
1	0,14	7525	4929
2	0,28	1881	1232
3	0,41	836	548
4	0,55	470	308
5	0,69	301	197

8 W 4000 K α=2X7,8°



C = 0°-180° Cd/Klm
C = 90°-270°

H m	Ø m	EMax lux	EM lux
1	0,14	7525	4929
2	0,28	1881	1232
3	0,41	836	548
4	0,55	470	308
5	0,69	301	197

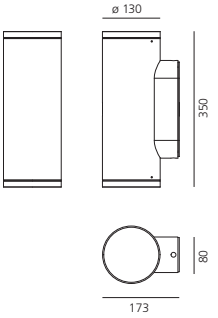
Calumet 13 wall

W	Beam	CCT	CRI	Flux	Color	One emission Code
8 W	6°	3000 K	80	366 lm	○	T41941NW00
					●	T41941NW10
		4000 K	80	392 lm	○	T41941NN00
					●	T41941NN10

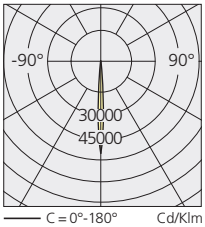
W	Beam	CCT	CRI	Flux	Color	Double emission Code
16 W	2x6°	3000 K	80	732 lm	○	T41952NW00
					●	T41952NW10
		4000 K	80	784 lm	○	T41952NN00
					●	T41952NN10

220/240Vac 50/60Hz electronic ballast included

IP65 **IK**09



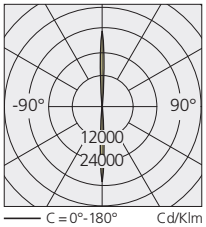
8 W 4000 K α=6°



C = 0°-180° Cd/Klm
C = 90°-270°

H m	Ø m	EMax lux	EM lux
1	0,10	21441	13555
2	0,19	5360	3389
3	0,29	2382	1506
4	0,39	1340	847
5	0,49	858	542

16 W 4000 K α=2x6°



C = 0°-180° Cd/Klm
C = 90°-270°

H m	Ø m	EMax lux	EM lux
1	0,10	21441	13555
2	0,19	5360	3389
3	0,29	2382	1506
4	0,39	1340	847
5	0,49	858	542

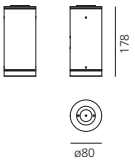
Calumet 8 ceiling

Grey-white RAL9002 ○ Anthracite grey ●

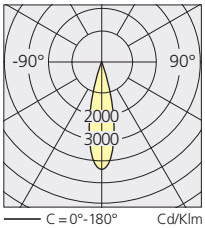
W	Beam	CCT	CRI	Flux	Color	Code
4 W	25°	3000 K	80	189 lm	○	T41931LW00
					●	T41931LW10
		4000 K	80	260 lm	○	T41931LN00
					●	T41931LN10

220/240Vac 50/60Hz electronic ballast included

IP65 IK06



4 W 4000 K α=25°



C = 0°-180° Cd/Klm
C = 90°-270°

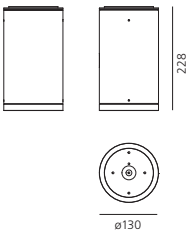
H m	Ø m	EMax lux	EM lux
1	0,44	1132	729
2	0,89	283	182
3	1,33	126	81
4	1,78	71	46
5	2,22	45	29

Calumet 13 ceiling

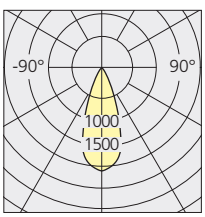
W	Beam	CCT	CRI	Flux	Color	Code
8 W	38°	3000 K	80	321 lm	○	T41961LW00
					●	T41961LW10
		4000 K	80	344 lm	○	T41961LN00
					●	T41961LN10

220/240Vac 50/60Hz electronic ballast included

IP65 IK09



8 W 4000 K α=38°



C = 0°-180° Cd/Klm
C = 90°-270°

H m	Ø m	EMax lux	EM lux
1	0,69	721	447
2	1,39	180	112
3	2,08	80	50
4	2,77	45	28
5	3,47	29	18

Molla

Ernesto Gismondi
2011

- Light fixture with 2 combined light beams: the large one with lighting function and the narrow one with decorative function.
- Wall installation. The fixture can be installed with the main beam pointed either downwards or upwards according to the kind of lighting desired (direct or indirect).
- The large beam is obtained by the combination of a monochromatic LED light source with a reflector. The narrow beam is obtained by the combination of a monochromatic LED light source with a high-performance projector.
- Available in two finishes: light grey and anthracite grey painted.
- Consists of lighting cap unit and terminal board fixed together by means of locking screws.
- Cap and terminal board in die-cast EN AB-47100 aluminium.
- Watertight gasket in silicone rubber.
- Electronic ballast integrated in the fixture.
- Projector consists of a body in reinforced polymer and PMMA lenses.
- Tempered and silkscreened light-diffusing glasses, siliconed flush with the lighting cap.
- Power connection to the mains to be carried out outside the fixture, without the need to open it, by means of a pre-installed IP65 connection device suitable for cables with a diameter between 6 and 13 mm.
- Wall fixing by means of a bracket in folded steel sheet to which the fixture is fastened with two screws.
- Locking screws used outside the fixture in AISI 316 stainless steel.
- Die-cast aluminium and bracket painted with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.

Molla

Grey-white RAL9002

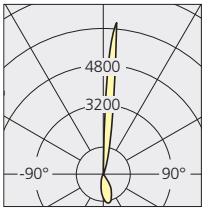
Anthracite grey

W	CCT	Flux	CRI	Beam	Color	Code
10 W - 3 W	3000 K	350 lm - 55 lm	82 - 80	90°- 8°		T4190NLW00
						T4190NLW10
	4000 K	400 lm - 63 lm	80 - 75	90°- 8°		T4190NLN00
						T4190NLN10

220/240Vac 50/60Hz electronic ballast included

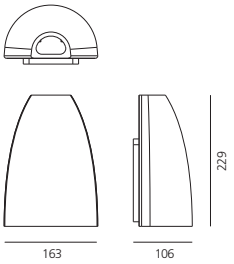
IP65

13 W 4000 K **α=90°-8°**



C = 0°-180°
C = 90°-270°
Cd/Klm

H m	Ø m	EMax lux	EMed lux
5	0,56	107	67
4	0,45	166	104
3	0,34	296	185
2	0,22	666	416
1	0,11	2664	1664



Pantarei

Ernesto Gismondi
1993, 2012

- Series of light fixtures with diffuse emission, with LED sources.
- Wall and ceiling installation.
- 3 sizes (190, 300 e 390mm).
- Available in two finishes: silver grey and black painted.
- Available with two types of diffusers:
- Honeycomb moulded diffuser in internally sanded sodium-calcium glass;
- Honeycomb moulded prismatic shock resistant diffuser in opal polycarbonate.
- Pantarei 190 can be provided with half-light screen.
- Pantarei 300 LED available with microwaves movement detector adjustable from 2 to 10 m and from 10 to 30 minutes, and with daylight sensor adjustable from 10 to 500 lux.
- Lamp unit in die-cast EN-AB 46100 aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- AISI 316 stainless steel screws and silicone seal gaskets.
- Suitable for watertight connection.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class I.

Pantarei 190

Black ● Silver grey ●

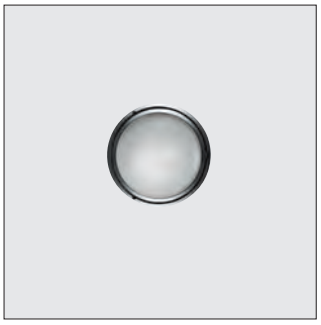
Sanded glass IK06

W	Flux	CCT	CRI	Color	Code
10 W	381 lm	3000 K	80	●	T277630
				●	T277690

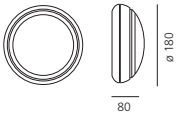
Opal polycarbonate IK10

W	Flux	CCT	CRI	Color	Code
10 W	243 lm	3000 K	80	●	T277730
				●	T277790

220/240Vac 50/60Hz electronic ballast included

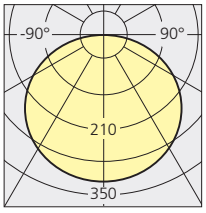


IP65 **IK**06/ **IK**10 ⏚

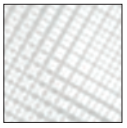


Opal polycarbonate

10 W 3000 K



C = 0°-180° Cd/Klm
C = 90°-270°



Sanded glass diffuser

Opal polycarbonate diffuser

Pantarei 300

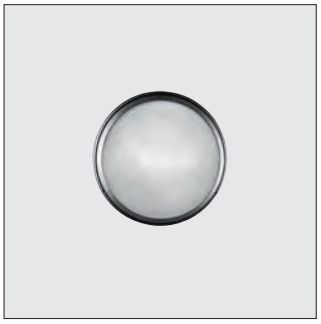
Sanded glass IK06

W	Flux	CCT	CRI		Color	Code
13 W	497 lm	3000K	85		●	T2778130
					●	T2778190
				sens.pres + daylight	●	T2780130
					●	T2780190
	532lm	4000K	80		●	T277830
					●	T277890
				sens.pres + daylight	●	T278030
					●	T278090

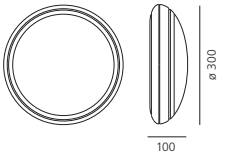
Opal polycarbonate IK10

W	Flux	CCT	CRI		Color	Code
13 W	544 lm	3000K	85		●	T2779130
					●	T2779190
				sens.pres + daylight	●	T2781130
					●	T2781190
	582lm	4000K	80		●	T277930
					●	T277990
				sens.pres + daylight	●	T278130
					●	T278190

220/240Vac 50/60Hz electronic ballast included

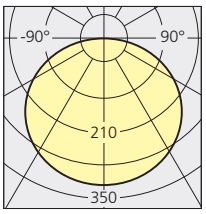


IP65 **IK**06/ **IK**10 ⏚

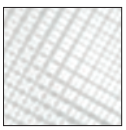


Opal polycarbonate

13 W 3000 K



C = 0°-180° Cd/Klm
C = 90°-270°



Sanded glass diffuser

Opal polycarbonate diffuser

Pantarei 390

Black ● Silver grey ●

Sanded glass IK06

W	Flux	CCT	CRI	Color	Code
30 W	960 lm	3000 K	80	●	T278230
				●	T278290

Opal polycarbonate IK10

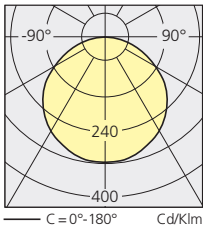
W	Flux	CCT	CRI	Color	Code
30 W	1000 lm	3000 K	80	●	T278330
				●	T278390

220/240Vac 50/60Hz electronic ballast included

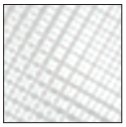
IP65 **IK**06/ **IK**10

Opal polycarbonate

30 W 3000 K

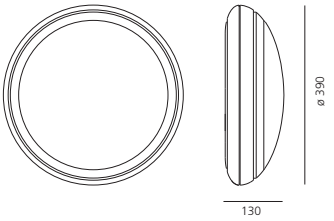


C = 0°-180° Cd/Klm
C = 90°-270°



Sanded glass diffuser

Opal polycarbonate diffuser



Niki

Ernesto Gismondi
1999, 2012

- Light fixture with diffuse emission, with LED sources.
- Wall and ceiling installation.
- LED version available with microwaves movement detector adjustable from 2 to 10 m and from 10 to 30 minutes, and with daylight sensor adjustable from 10 to 500 lux.
- Lamp unit in AISI316 stainless steel.
- Moulded covering frame in AISI316 stainless steel, satiny or polished finish.
- Available with two types of diffusers:
  Moulded prismatic diffuser in sodium-calcium glass with internal satin finish;
  Moulded prismatic shock resistant diffuser in opal UV-stabilized thermoplastic material.
- AISI 316 stainless steel screws and polyurethane seal gaskets.
- Suitable for watertight connection.
- Electronic ballast.
- IP Rating IP65.
- ENEC approved.
- Insulation class I.

Niki glass

Satiny ○ Polished ◍

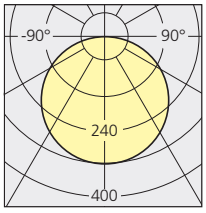
LED

W	Flux	CCT	CRI		Color	Code
13 W	483 lm	3000 K	85		○	L2280180
					◍	L2280190
				detector + daylight	○	L2282180
					◍	L2282190
	517 lm	4000 K	80		○	L228080
					◍	L228090
				detector + daylight	○	L228280
					◍	L228290

220/240Vac 50/60Hz electronic ballast included

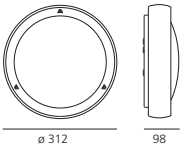
IP65 **IK**06

13 W 4000 K



C = 0°-180° Cd/Klm
C = 90°-270°

Prismatic glass diffuser



Niki polycarbonate

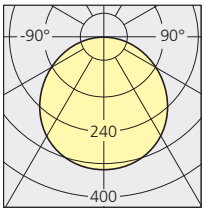
LED

W	Flux	CCT	CRI		Color	Code
13 W	443 lm	3000 K	85		○	L2281180
					◍	L2281190
				detector + daylight	○	L2283180
					◍	L2283190
	580 lm	4000 K	80		○	L228180
					◍	L228190
				detector + daylight	○	L228380
					◍	L228390

220/240Vac 50/60Hz electronic ballast included

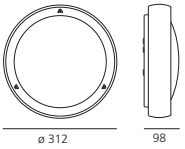
IP65 **IK**10

13 W 4000 K



C = 0°-180° Cd/Klm
C = 90°-270°

Opal polycarbonate diffuser



Niki glass

Satiny ○ Polished ◐

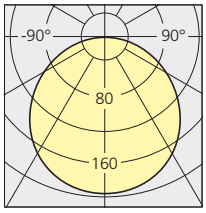
HALO/FLUO

W		Color	Code
HALO max 1x52W (E27) - ECO		○	L221180
		◐	L221190
FLUO 2x18W (G24d-2) - TC-DEL		○	L220480
		◐	L220490
FLUO 1x18W (G24d-2) - TC-DEL	emergency	○	L222180
		◐	L222190

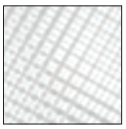
220/240Vac 50/60Hz electronic ballast included

IP65 **IK**06

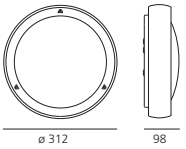
52 W HALO



C = 0°-180° Cd/Klm
C = 90°-270°



Prismatic glass diffuser



Niki polycarbonate

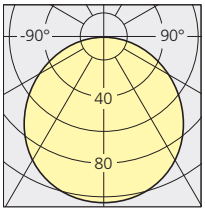
FLUO

W		Color	Code
FLUO 2x18W (G24d-2) - TC-DEL		○	L225480
		◐	L225490
FLUO 2x18W (G24d-2) - TC-DEL	emergency	○	L227180
		◐	L227190

220/240Vac 50/60Hz electronic ballast included

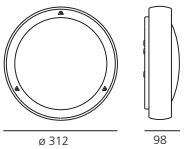
IP65 **IK**10

2x18 W FLUO



C = 0°-180° Cd/Klm
C = 90°-270°

Opal polycarbonate diffuser



Dioscuri

Michele De Lucchi
1999

reddot design award
2000

DESIGN PLUS
powered by light+building

- Wall and ceiling light fixture with diffuse emission, with fluorescent or halogen sources.
- Available in 4 sizes (ø14, ø25, ø35 e ø42 cm).
- Wall support in thermoplastic resin.
- Acid-etched blown glass diffuser, milk white colour.
- Silicone seal gaskets.
- Suitable for watertight connection.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.

Dioscuri 14

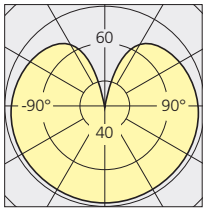
White
○

HALO

	Color	Code
HALO max 1x60W (G9) - ECO	○	1039010A

Voltage 220/240Vdc 50/60Hz

IP65

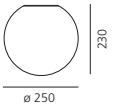


Dioscuri 25

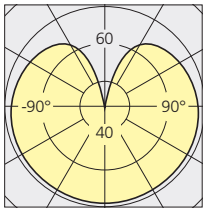
HALO/FLUO/LED

	Color	Code
HALO max 1x70W (E27) - ECO FLUO 1x20W (E27) - TC-TSE LED max 17W (E27)	○	0112010A

Voltage 220/240Vdc 50/60Hz



IP65



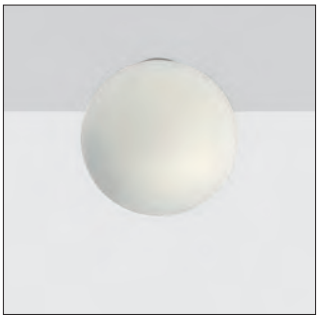
Dioscuri 35

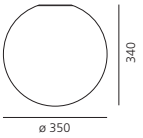
White
○

HALO/FLUO/LED

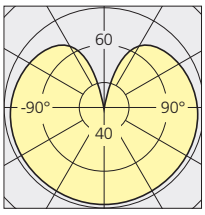
	Color	Code
HALO max 1x105W (E27) - ECO FLUO 1x23W (E27) - TC-TSE LED max 17W (E27)	○	0116010A

Voltage 220/240Vdc 50/60Hz





IP65



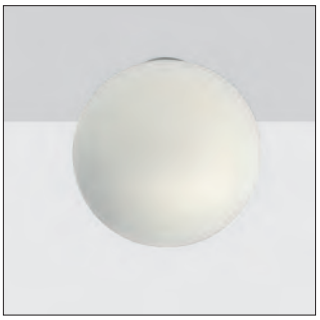
C = 0°-180° Cd/Klm
C = 90°-270°

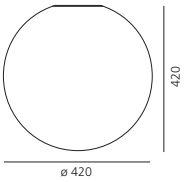
Dioscuri 42

HALO/FLUO/LED

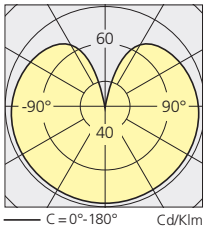
	Color	Code
HALO max 1x105W (E27) - ECO FLUO 1x23W (E27) - TC-TSE LED max 17W (E27)	○	0117010A

Voltage 220/240Vdc 50/60Hz





IP65



C = 0°-180° Cd/Klm
C = 90°-270°

Mitasi

Ernesto Gismondi
1991

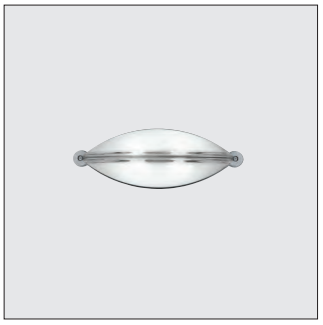
- Wall/ceiling light fixture with diffuse emission, with fluorescent or halogen light sources.
- Horizontal or vertical installation.
- Available in two finishes: silver grey painted and black painted.
- Lamp unit in die-cast EN-AB 46100 aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Reflector in bright anodized aluminium.
- Moulded diffuser in internally sanded sodium-calcium glass with transparent profile.
- The fixture can be provided with directional screen in bright anodized aluminium.
- Stainless steel screws and silicone seal gaskets.
- Suitable for watertight connection.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.

Mitasi

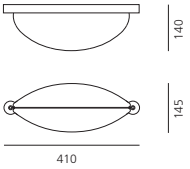
Black ● Silver grey ●

HALO/FLUO

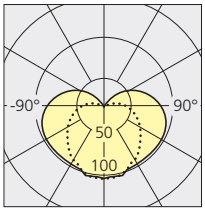
W	Color	Code
HALO max 2x28W (E14) - ECO	●	T052310
	●	T052390
220/240Vac 50/60Hz main voltage		
.		
	●	T052210
FLUO 1x26W (G24d-3) - TC-D	●	T052290
220/240Vac 50/60Hz main voltage.		
Directional screen.		T087100



IP65

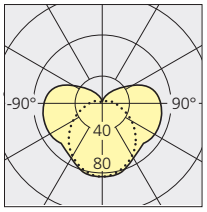


28 W 4000 K



C = 0°-180° Cd/Klm
C = 90°-270°

26 W 4000 K



C = 0°-180° Cd/Klm
C = 90°-270°

Cuneo
Cuneo Mini

Klaus Begasse
2010, 2015

- Light fixture with direct side emission, with high-performance LED light sources. Six monochromatic LEDs are used together with six collimators and a light-diffusing prismatic screen to obtain an optimum lighting beam.
- Floor or wall installation. In the wall installation, the light can be pointed either upwards or downwards.
- Available in two finishes: light grey and rust painted.
- Consists of lighting cap and terminal board fixed together by means of locking screws.
- Cap and terminal board in die-cast EN AB-47100 aluminium, gaskets in silicone rubber. Electronic ballast integrated in the fixture.
- Cuneo: PMMA collimators installed on the LED light sources. Light-diffusing prismatic screen in PMMA siliconed flush with the lighting cap.
- Cuneo Mini: High-yield COB LED source with high-reflection anodized aluminium body. Etched tempered glass screen glued flush to the lighting body with silicon.
- Power connection to the mains to be carried out outside the fixture, without the need to open, by means of a pre-installed IP65 connection device suitable for cables with a diameter between 6 and 13 mm.
- Wall installation by means of a bracket in folded steel sheet to which the fixture is fastened with two screws.
- Screws in AISI 316 stainless steel.
- All the components in die-cast aluminium and the steel bracket for wall or floor fixing are painted by means of 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.

Cuneo

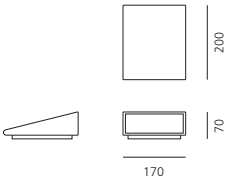
Grey-white RAL9002 ○

Rust ●

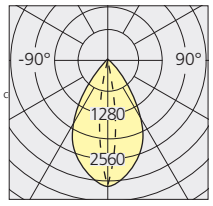
W	Flux	CCT	CRI	Beam	Color	Code
17 W	668 lm	4000 K	75	14,6°x63,4°	○	T082900
					●	T082910

Electronic power supply 220 / 240Vac 50 / 60Hz included.

IP65



11 W 4000 K **α=14,6°x63,4°**



C = 0°-180°
C = 90°-270°
Cd/Klm

H m	Ø m	EMax lux	EM lux
1	1,24	2190	1194
2	2,47	547	298
3	3,71	243	133
4	4,94	137	75
5	6,18	88	48

The elliptical light emission and the flat shape of the fixture make it particularly suitable for floors or spacious areas in gardens to provide a side lighting.

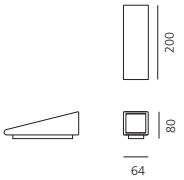
Cuneo mini

Grey-white RAL9002 ○ Rust ●

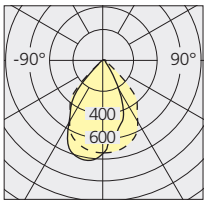
W	Flux	CCT	CRI	Beam	Color	Code
11W	650 lm	3000 K	80	55,2°x79,4°	○	T082800
					●	T082810

Electronic power supply 220 / 240Vac 50 / 60Hz included.

IP65



17 W 3000 K **α=55,2°x79,4°**



C = 0°-180°
C = 90°-270°
Cd/Klm

H m	Ø m	EMax lux	EM lux
1	1,69	542	257
2	3,37	135	64
3	5,06	60	29
4	6,74	34	16
5	8,43	22	10

Basolo

Ernesto Gismondi
2014

- Floor and ceiling asymmetrical wallwasher light fixture with a roto-symmetrical option, only available for the ceiling version. The ceiling version is also available with downlight optics with high visual comfort (UGR<19).
- Fixture consisting of cubic body and floor / ceiling fixing plate. Ceiling version includes a security cable.
- Body made in die-cast aluminium EN-AB 44100 with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Wallwasher version also available in a movable version with 4 solid support legs.
- Includes a metal-finish polycarbonate reflector.
- Diffuser in tempered silk-screened glass.
- AISI 316 fixing screws and silicon gaskets.
- IP rating: IP67. Class I
- Supplied with H05RN-F 3X1 cable and IP67 network connector using 5-13.5 diameter cables, housed in a compartment in the lower part of the fixture.
- Technical features in compliance to EN60598-1.
- EC Certificate.

Basolo

Anthracite grey

Basolo wall washer

W	Flux	CCT	CRI	Color
27 W	2067 lm	3000 K	80	

Fixed

Code
T419700W00

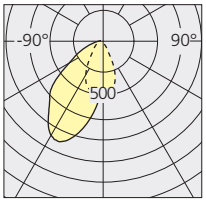
Mobile

Code
T440000W00

220/240Vac 50/60Hz electronic ballast included

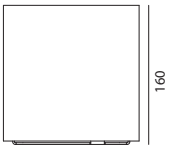
IP67 **IK**06

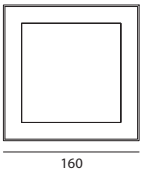
17 W 3000 K α=54°x57,4°



cd/klm

H m	Ø m	EMax lux	EM lux
1	1,19	1920	893
2	2,38	480	223
3	3,57	213	99
4	4,77	120	56
5	5,96	77	36

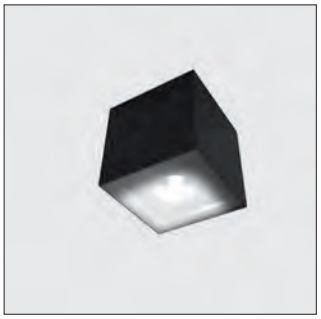




Basolo soffitto

W	Flux	CCT	CRI	Color
28 W	2089 lm	3000 K	80	

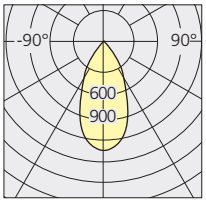
Code
T440100W00

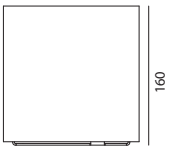


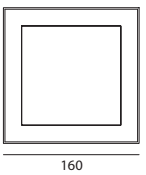
220/240Vac 50/60Hz electronic ballast included

IP67 **IK**06

28 W 3000 K







Illo
Catilina
Aglaia

Sergio Mazza

Series of light fixtures with diffuse emission,
with halogen or fluorescent sources.
Floor, wall and ceiling installation.

Illo

- Ceiling installation.
- Lamp unit in die-cast EN-AB 46100 aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Reflector in bright anodised aluminium.
- Diffuser in opal blown glass.
- Stainless steel screws and silicone seal gaskets.
- Suitable for watertight connection.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP44.
- ENEC approved.
- Insulation class I.

Catilina

- Wall or floor installation.
- Lamp unit in die-cast EN-AB 46100 aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Reflector in bright anodised aluminium.
- Diffuser in opal blown glass.
- Stainless steel screws and silicone seal gaskets.
- Suitable for watertight connection.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP44.
- ENEC approved.
- Insulation class I.

Aglaia

- Floor installation.
- Lamp unit in die-cast EN-AB 46100 aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Reflector in bright anodised aluminium.
- Diffuser in opal blown glass.
- Pole in painted aluminium.
- Stainless steel screws and silicone seal gaskets.
- Suitable for watertight connection.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP44.
- ENEC approved.
- Insulation class I.

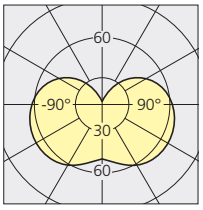
Illo

Dark grey

HALO/FLUO/LED

W	Color	Code
HALO max 1x70 W (E27) - ECO FLUO 1x20 W (E27) - TC-TSE LED max 17 W (E27)		T053110

220/240Vac 50/60Hz electronic ballast included



C = 0°-180° Cd/Klm
C = 90°-270°

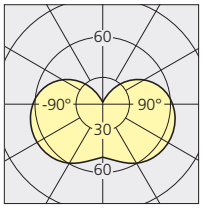
IP44

Catilina

HALO/FLUO/LED

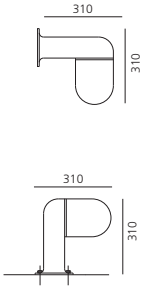
W	Color	Code
HALO max 1x70 W (E27) - ECO FLUO 1x20 W (E27) - TC-TSE LED max 17 W (E27)		T053010

220/240Vac 50/60Hz electronic ballast included



C = 0°-180° Cd/Klm
C = 90°-270°

IP44



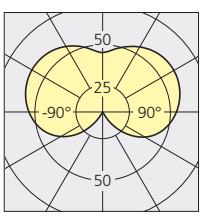
Aglaia

HALO/FLUO/LED

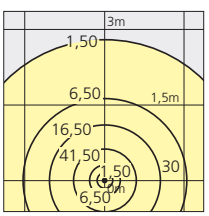
W	Color	Code
HALO max 1x70 W (E27) - ECO FLUO 1x20 W (E27) - TC-TSE LED max 17 W (E27)		T052010

220/240Vac 50/60Hz electronic ballast included

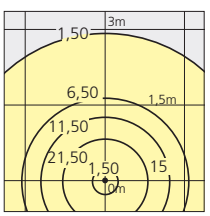
Pole H 50 cm	T053710
Pole H 100 cm	T053810
Floor mounting plate	T053900



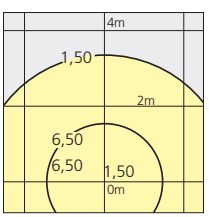
C = 0°-180° Cd/Klm
C = 90°-270°



h = 56 Lux

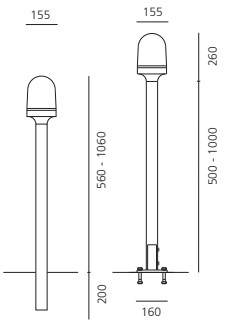


h = 76 Lux



h = 126 Lux

IP44



Nuda

Ernesto Gismondi
2010

Series of light fixtures with direct unilateral or bilateral emission, with high-performance LED light sources.

Floor and recessed installation.

Available in two finishes: grey-white painted and rust painted.

Nuda floor

- Available in unilateral and bilateral emission version and in two heights (h 50cm and h 100cm).
- Consist of lamp, support pole and ground mounting plate.
- Lamp unit in die-cast EN-AB 47100 aluminium.
- UV resistant diffuser in shock resistant polycarbonate with satin finish.
- Specular reflector in aluminium. It conveys and diffuses the luminous flow downwards to ensure visual comfort.
- Support pole in extruded EN-AW-6060 aluminium, chromate treated and painted.
- Mounting plate in folded, welded and painted steel, with holes for ground fixing by means of log bolts or dowels.
- Painting is obtained by means of 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- AISI 316 stainless steel screws and silicone seal gasket.
- Provided with IP67 cable and connector for the mains connection.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.

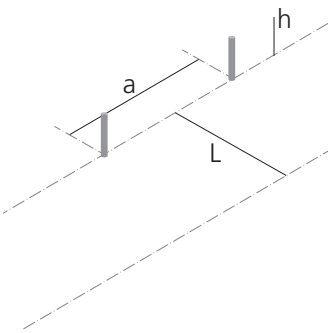
Nuda recessed

- Consist of lamp and recessing box for recessed wall installation.
- Lamp unit in painted die-cast EN-AB 44100 aluminium, complete with holding plate for electrical components.
- Specular reflector in aluminium. It conveys and diffuses the luminous flow downwards to ensure visual comfort.
- UV resistant diffuser in shock resistant polycarbonate with satin finish.
- Aesthetic cover in painted aluminium.
- Painting is obtained by means of 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- AISI 316 stainless steel screws and silicone seal gasket.
- Provided with IP67 cable and connector suitable for H07RN-F cables with a diameter from 5 to 13.5 mm for the mains connection.
- Recessing box in reinforced polymer, can be ordered separately.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.

Nuda

Nuda floor 50 unilateral

LED 8,5 W			Lighting application		
h	L	a	Em	Emax	Emin
0.5 m	0.5 m	1.8 m	52 lux	178 lux	0.5 lux

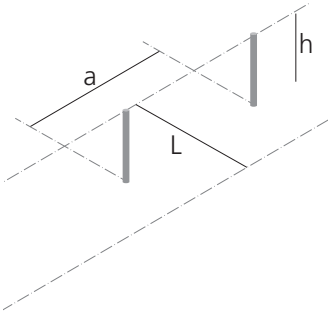


Nuda floor 100 unilateral

LED 17 W			Lighting application		
h	L	a	Em	Emax	Emin
1.0 m	1.0 m	2.5 m	24 lux	66 lux	0.5 lux

Nuda floor 50 bilateral

LED 8,5 W			Lighting application		
h	L	a	Em	Emax	Emin
0.5 m	0.5 m	1.8 m	16 lux	72 lux	0.5 lux



Nuda floor 100 bilateral

LED 17 W			Lighting application		
h	L	a	Em	Emax	Emin
1.0 m	1.0 m	2.5 m	7 lux	26 lux	0.5 lux

Recessed hole
200 x 260 x 60 mm

Recessing box
190 x 250 x 55 mm

Lighting unit

Aesthetic cover

Nuda

Grey-white RAL9002 ○ Rust ●

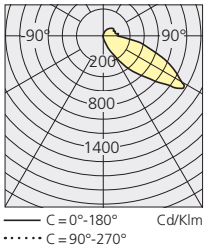
Nuda recessed

W	Flux	CCT	CRI	Color	Code
8,5 W	180lm	3000K	80	○	T083500
				●	T083510

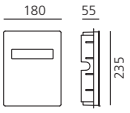
220/240Vac 50/60Hz electronic ballast included

Recessing box T083400

8,5 W 3000 K



IP65 **IK**06

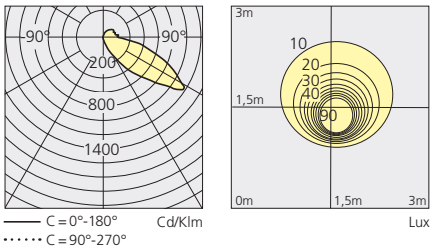


Nuda floor 50 unilateral

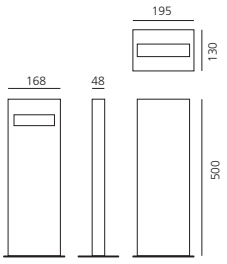
W	Flux	CCT	CRI	Color	Code
8,5 W	180 lm	3000K	80	○	T083600
				●	T083610

220/240Vac 50/60Hz electronic ballast included

8,5 W 3000 K



IP65 **IK**06

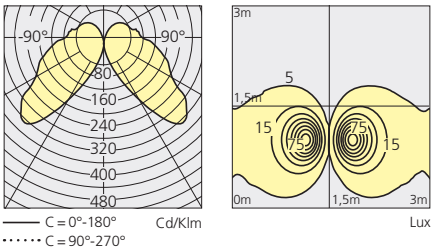


Nuda floor 50 bilateral

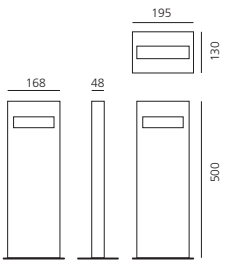
W	Flux	CCT	CRI	Color	Code
8,5 W	147 lm	3000 K	80	○	T083700
				●	T083710

220/240Vac 50/60Hz electronic ballast included

8,5 W 3000 K



IP65 **IK**06



Grey-white RAL9002 ○ Rust ●

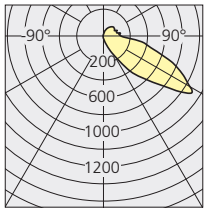
Nuda floor 100 unilateral

W	Flux	CCT	CRI	Color
17 W	306 lm	3000 K	80	○ ●

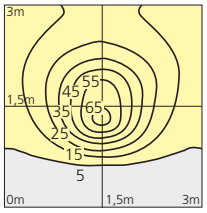
Code
T083800
T083810

220/240Vac 50/60Hz electronic ballast included

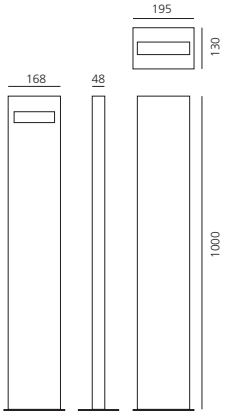
17 W 3000 K



C = 0°-180° Cd/Klm
C = 90°-270°



Lux



IP65 **IK**06

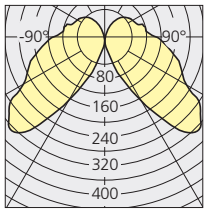
Nuda floor 100 bilateral

W	Flux	CCT	CRI	Color
17 W	250 lm	3000 K	80	○ ●

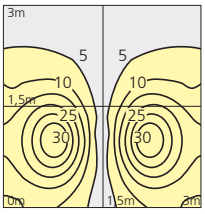
Code
T083900
T083910

220/240Vac 50/60Hz electronic ballast included

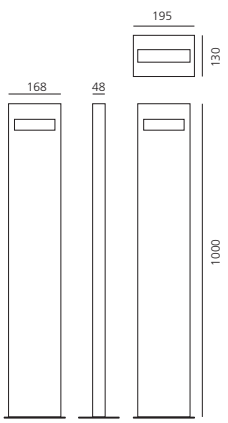
17 W 3000 K



C = 0°-180° Cd/Klm
C = 90°-270°



Lux



IP65 **IK**06

Ciclope

Alessandro Pedretti
(Studio Rota & Partners)
2009

Lighting system with diffuse unilateral or bilateral emission, with high-performance LED light sources.

Light emission is obtained by the combination of six monochromatic LED light sources, a reflector and an opaline diffuser.

Floor, wall or recessed installation.

Available in two finishes: light grey and rust painted.

Ciclope floor

- Available in unilateral and bilateral emission version and in two heights (h 50cm and h 90cm).
- Stem in extruded EN AW-6060 aluminium.
- Lighting unit consists of: frame in reinforced polymer; diffuser in light-diffusing polycarbonate; plate in pickled, machined and galvanised steel; watertight gasket in silicone rubber; LED circuit; electronic ballast; reflector in painted spun aluminium; PG13.5 cable gland, H05RN-F cable and IP65 electrical connection device suitable for cables with a diameter between 6 and 13 mm to allow electrical interfacing with the external mains without the need to open the fixture.
- The lighting unit houses the electrical components and sources.
- Aesthetic cover in die-cast EN AB-47100 aluminium.
- Ground mounting plate in folded, welded and painted steel, with holes for ground fixing by means of log bolts or dowels.
- The elements are fixed together by means of screws. All the locking screws used outside the fixture and inside the stem are in AISI 304 stainless steel.
- The components in die-cast, extruded aluminium and steel are painted by means of 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.

Ciclope recessed

- Lighting unit consists of: frame in reinforced polymer;diffuser in light-diffusing polycarbonate; plate in pickled, machined galvanised steel; watertight gasket in silicone rubber; LED circuit; electronic ballast; reflector in painted, spun aluminium sheet PG13.5 cable gland, H05RN-F cable and IP65 electrical connection device suitable for cables with a diameter between 6 and 8.5 mm to allow electrical interfacing with the external mains without the need to open the fixture.
- The lighting unit houses the electrical components and sources.
- Aesthetic cover in die-cast EN AB-47100 aluminium painted by means of 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Recessing box in reinforced polymer, can be ordered separately.
- The elements are fixed together by means of screws. All the locking screws used outside the fixture and inside the stem are in AISI 304 stainless steel.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.

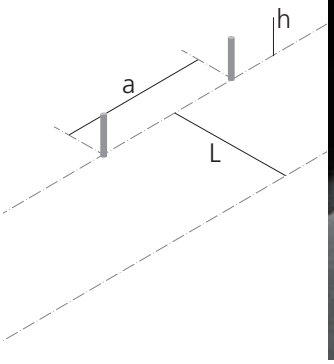
Ciclope wall

- Box in extruded EN AW-6060 aluminium.
- Lighting unit consists of: frame in reinforced polymer; diffuser in light-diffusing polycarbonate; plate in pickled, machined galvanised steel; watertight gasket in silicone rubber; LED circuit; electronic ballast; reflector in painted spun aluminium; PG13.5 cable gland, H05RN-F cable and IP65 electrical connection device suitable for cables with a diameter between 6 and 8.5 mm to allow electrical interfacing with the external mains without the need to open the fixture.
- The lighting unit houses the electrical components and sources.
- Aesthetic cover in die-cast EN AB-47100 aluminium.
- The elements are fixed together by means of screws. All the locking screws used outside the fixture and inside the stem are in AISI 304 stainless steel.
- The components in die-cast, extruded aluminium and steel are painted by means of 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.

Ciclope

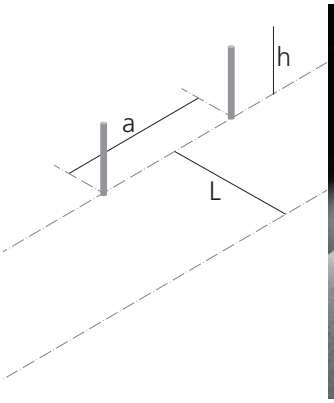
Ciclope floor 50 unilateral

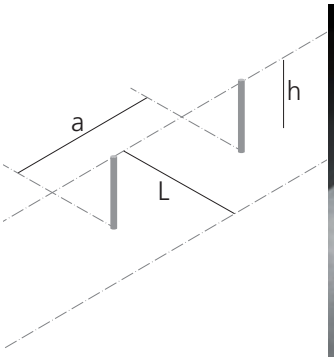
LED 6W			Lighting application		
h	L	a	Em	Emax	Emin
0.5 m	1.0 m	3 m	59 lux	378 lux	1 lux

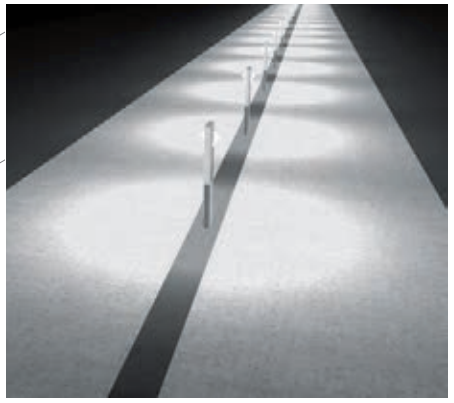


Ciclope floor 90 unilateral/bilateral

LED 6W			Lighting application		
h	L	a	Em	Emax	Emin
0.9 m	1.0 m	3.5 m	28 lux	87 lux	1 lux

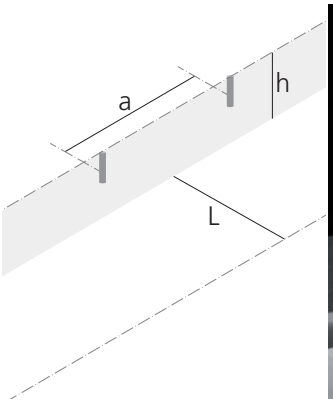






Ciclope wall/recessed

LED 6W			Lighting application		
h	L	a	Em	Emax	Emin
0.5 m	1.0 m	2.9 m	53 lux	401 lux	1 lux



Ciclope

Grey-white RAL9002

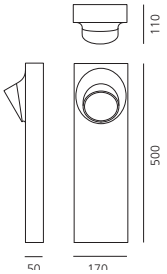
Rust

Ciclope floor 50 Unilateral

W	Flux	CCT	CRI	Color
6 W	284 lm	3000 K	80	○ ●

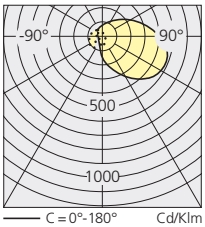
220/240Vac 50/60Hz electronic ballast included
Mounting plate included

Code
T081000
T081010

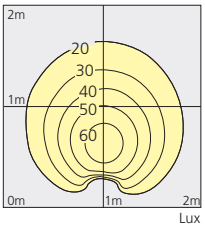


IP65 IK10

6 W 3000 K



C = 0°-180°
C = 90°-270°
Cd/Klm



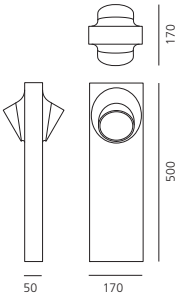
Lux

Ciclope floor 50 Bilateral

W	Flux	CCT	CRI	Color
13 W	568 lm	3000 K	80	○ ●

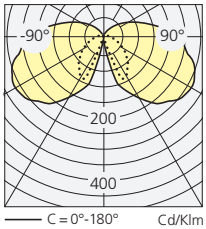
220/240Vac 50/60Hz electronic ballast included
Mounting plate included

Code
T081300
T081310

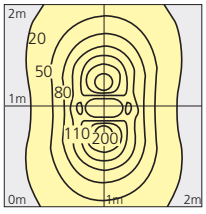


IP65 IK10

13 W 3000 K



C = 0°-180°
C = 90°-270°
Cd/Klm



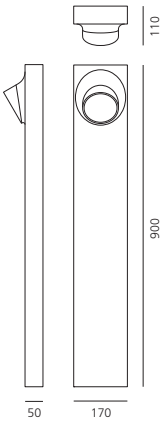
Lux

Ciclope floor 90 Unilateral

W	Flux	CCT	CRI	Color
6 W	284 lm	3000 K	80	○ ●

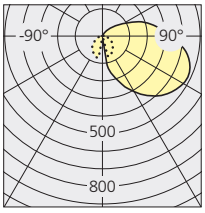
220/240Vac 50/60Hz electronic ballast included
Mounting plate included

Code
T081100
T081110

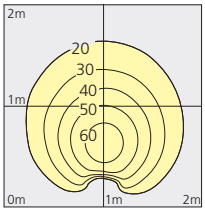


IP65 IK10

6 W 3000 K



C = 0°-180°
C = 90°-270°
Cd/Klm



Lux

Ciclope

Grey-white RAL9002 ○

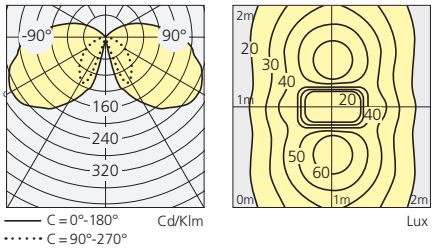
Rust ●

Ciclope floor 90 Bilateral

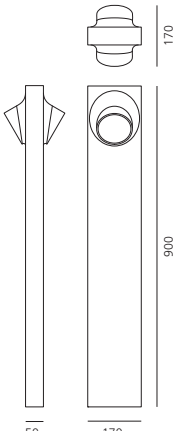
W	Flux	CCT	CRI	Color	Code
13 W	568 lm	3000 K	80	○	T081400
				●	T081410

220/240Vac 50/60Hz electronic ballast included
Mounting plate included

13 W 3000 K



C = 0°-180° Cd/Klm
C = 90°-270°
Lux



IP65 **IK**10

Ciclope recessed

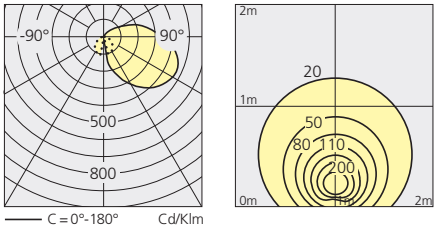
W	Flux	CCT	CRI	Color	Code
6 W	284lm	3000 K	80	○	T081500
				●	T081510

220/240Vac 50/60Hz electronic ballast included

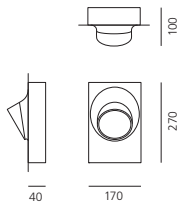
Recessing box supplied separately

Recessing box	T081600

6 W 3000 K



C = 0°-180° Cd/Klm
C = 90°-270°



IP65 **IK**10

Recessed hole
230 x 330 x 50 mm

Recessing box
201 x 300 x 48,5 mm

Lighting unit

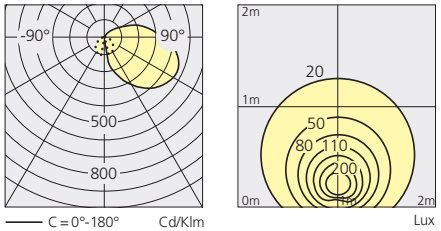
Aesthetic cover

Ciclope wall

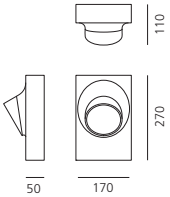
W	Flux	CCT	CRI	Color	Code
6 W	284lm	3000 K	80	○	T081200
				●	T081210

220/240Vac 50/60Hz electronic ballast included
Wall support included

6 W 3000 K



C = 0°-180° Cd/Klm
C = 90°-270°
Lux



IP65 **IK**10

Chilone

Ernesto Gismondi
2009

Series of light fixtures with direct emission, with high-performance LED light sources.

Floor, pole or wall installation.

Available in two finishes: light grey painted and rust painted.

Chilone wall

- It can be installed with the light pointed either downwards or upwards.
- Consists of lamp, lamp support and wall support.
- Lamp unit in die-cast EN-AB 47100 aluminium.
- UV resistant diffuser in shock resistant polycarbonate with satiny finish.
- Lamp support in extruded EN-AW-6060 aluminium.
- Wall support in steel.
- Painting is obtained by means of 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- AISI 316 stainless steel screws and silicone seal gasket.
- Provided with IP67 cable and connector for the mains connection.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.
- Wall support included

Chilone pole

- Height 250 cm
- Consists of lamp, lamp support and ground fixing pole.
- Lamp unit in die-cast EN-AB 47100 aluminium.
- UV resistant diffuser in shock resistant polycarbonate with satiny finish.
- Lamp support in extruded EN-AW-6060 aluminium.
- Ground fixing pole in painted extruded EN-AW-6060 aluminium. It must be installed by means of a proper foundation plinth.
- Painting is obtained by means of 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- AISI 316 stainless steel screws and silicone seal gasket.
- Provided with IP67 cable and connector for the mains connection.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.

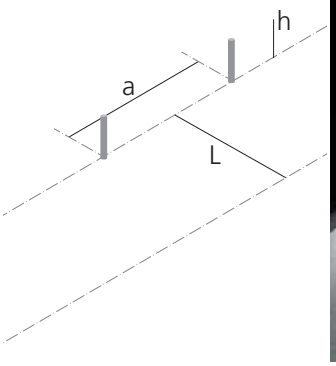
Chilone floor

- Available with downward emission in two heights (h4 5cm and h 90cm) and with upward emission (Chilone Up).
- Consists of lamp, support pole and ground mounting plate.
- Lamp unit in die-cast EN-AB 47100 aluminium.
- UV resistant diffuser in shock resistant polycarbonate with satiny finish.
- Support pole in extruded EN-AW-6060 aluminium, chromate treated and painted.
- Mounting plate in folded, welded and painted steel, with holes for ground fixing by means of log bolts or dowels.
- Painting is obtained by means of 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- AISI 316 stainless steel screws and silicone seal gasket.
- Provided with IP67 cable and connector for the mains connection.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.

Chilone

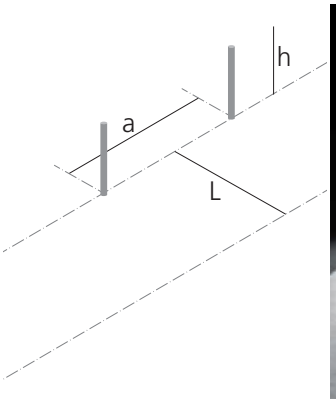
Chilone floor 45

LED 8 W			Lighting application		
h	L	a	Em	Emax	Emin
0.45 m	1.0 m	3.0 m	43 lux	842 lux	1 lux



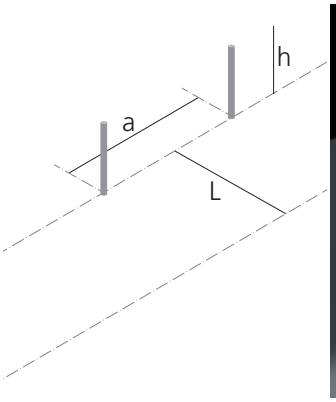
Chilone floor 90

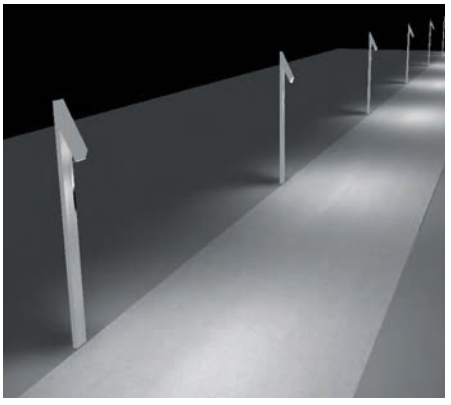
LED 8 W			Lighting application		
h	L	a	Em	Emax	Emin
0.90 m	1.0 m	4.0 m	16 lux	96 lux	1 lux



Chilone pole

LED 16 W			Lighting application		
h	L	a	Em	Emax	Emin
2.50 m	2.5 m	9 m	4 lux	9 lux	0.6 lux





Ranco (Varese) - IT

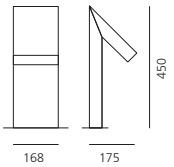
Chilone

Grey-white RAL9002 ○ Rust ●

Chilone floor 45

W	Flux	CCT	CRI	Color
8 W	194 lm	3000 K	80	○
				●

Code
T082200
T082210

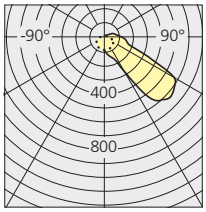


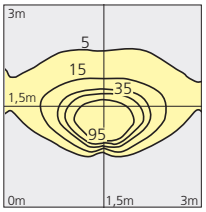
220/240Vac 50/60Hz electronic ballast included

Mounting plate included

IP65

8 W 3000 K



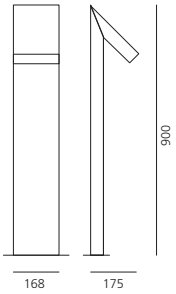


C = 0°-180° Cd/Klm
C = 90°-270°

Chilone floor 90

W	Flux	CCT	CRI	Color
8 W	194 lm	3000 K	80	○
				●

Code
T082100
T082110

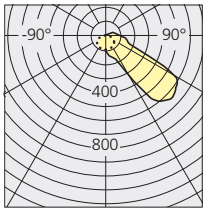


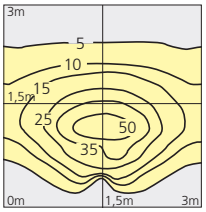
220/240Vac 50/60Hz electronic ballast included

Mounting plate included

IP65

8 W 3000 K



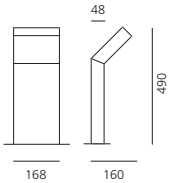


C = 0°-180° Cd/Klm
C = 90°-270°

Chilone up

W	Flux	CCT	CRI	Color
17 W	515 lm	3000 K	80	○
				●

Code
T082300
T082310

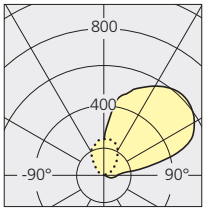


220/240Vac 50/60Hz electronic ballast included

Mounting plate included

IP65

17 W 3000 K



C = 0°-180° Cd/Klm
C = 90°-270°

Chilone

Grey-white RAL9002 ○ Rust ●

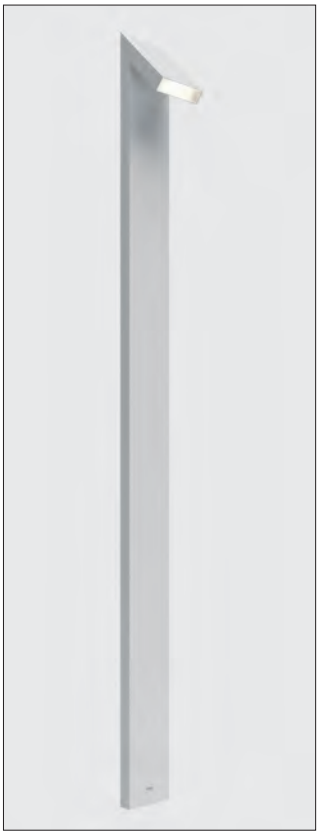
Chilone pole

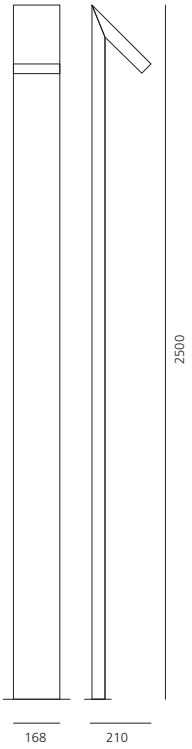
W	Flux	CCT	CRI	Color
17 W	515 lm	3000 K	80	○ ●

Code
T082000
T082010

220/240Vac 50/60Hz electronic ballast included

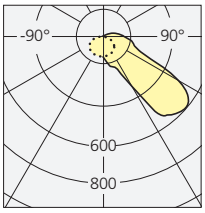
Ground pole included



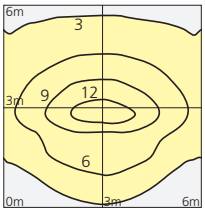


IP65

17 W 3000 K



C = 0°-180° Cd/Klm
C = 90°-270°



Lux

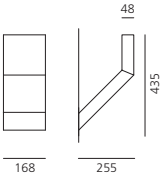
Chilone wall

W	Flux	CCT	CRI	Color
17 W	515 lm	3000 K	80	○ ●

Code
T082400
T082410

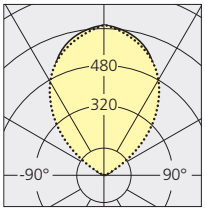
220/240Vac 50/60Hz electronic ballast included

Wall support included



IP65

17 W 3000 K



C = 0°-180° Cd/Klm
C = 90°-270°

Tetragono

Ernesto Gismondi
2013

Tetragono floor

- Consists of lamp and supporting pole.
- Lamp support in extruded EN-AW-6060 aluminium, subjected to chromate treatment and painted, height 900mm, with painted steel base flange, with holes for floor installation by means of log bolts or dowels.
- Lighting unit in die-cast EN-AB 47100 aluminium painted with 3-stage outdoor treatment: nanotechnologies, anti-oxidising primer, polyester paint.
- Provided with metalised polycarbonate reflectors.
- UV resistant diffuser in shock resistant polycarbonate with bright finish.
- AISI 316 fixing screws and silicone gaskets.
- Provided with cable and IP67 connector for the connection to the mains suitable for 5-13.5mm diameter cables.
- IP Rating IP65.
- Insulation class I.
- Technical features in compliance with EN60598-1.

Tetragono wall

- Light fixture with radial light emission.
- Consists of body and wall fixing plate.
- Lamp support in extruded EN-AW-6060 aluminium, subjected to chromate treatment and painted, height 50 mm, with painted steel base flange, with holes for wall installation.
- Lighting unit in die-cast EN-AB 47100 aluminium painted with 3-stage outdoor treatment: nanotechnologies, anti-oxidising primer, polyester paint.
- Provided with metalised polycarbonate reflectors.
- UV resistant diffuser in shock resistant polycarbonate with bright finish.
- AISI 316 fixing screws and silicone gaskets.
- Provided with cable and IP67 connector for the connection to the mains suitable for 5-13.5mm diameter cables.
- IP Rating IP65.
- Insulation class I.
- Technical features in compliance with EN60598-1.

Anthracite grey

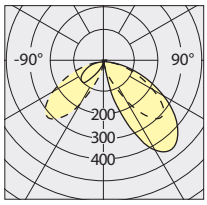
Tetragono floor 45

W	Flux	CCT	CRI	Color
15 W LED COB	437 lm	3000 K	80	●

Code: T417100W00

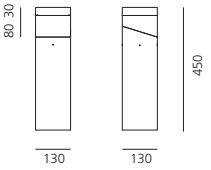
220/240Vac 50/60Hz electronic ballast included

15 W 3000 K



C = 0°-180° Cd/Klm
C = 90°-270°

IP65 **IK**10



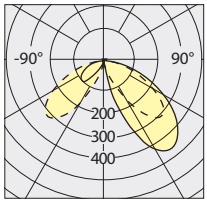
Tetragono floor 90

W	Flux	CCT	CRI	Color
15 W LED COB	437 lm	3000 K	80	●

Code: T417200W00

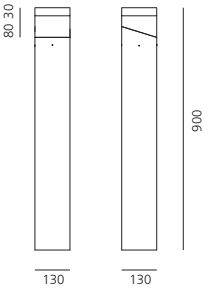
220/240Vac 50/60Hz electronic ballast included

15 W 3000 K



C = 0°-180° Cd/Klm
C = 90°-270°

IP65 **IK**10



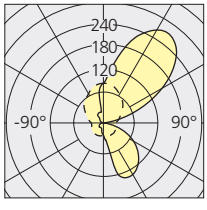
Tetragono wall

W	Flux	CCT	CRI	Color
15 W LED COB	437 lm	3000 K	80	●

Code: T417300W00

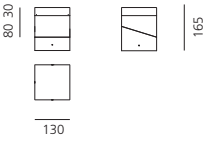
220/240Vac 50/60Hz electronic ballast included

15 W 3000 K



C = 0°-180° Cd/Klm
C = 90°-270°

IP65 **IK**10



Eraclea

Neil Poulton
2011

- Light fixture with direct emission, with high-performance monochromatic LED light sources.
- Floor installation.
- Grey-white RAL9002 finish.
- Consists of support with lamp compartment, lamp and accessory compartment.
- Lamp unit in die-cast EN-AB 47100 aluminium, painted with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- UV resistant diffuser in transparent shock resistant polycarbonate.
- Painted trapezoidal lamp support in vibrated concrete, with galvanized reinforcing ring for fixing to the base.
- Accessory compartment in polymers with closure cover in AISI 316.
- Hot galvanised steel mounting plate, with holes for ground fixing by means of log bolts or dowels.
- AISI 316 stainless steel screws and silicone seal gasket.
- Provided with IP67 cable and connector for the mains connection.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.

Eraclea

Grey-white RAL9002

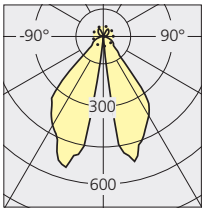
W	Flux	CCT	CRI	Color
8 W	320 lm	3000 K	80	

Code
T085300

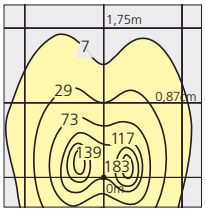
220/240Vac 50/60Hz electronic ballast included

IP65

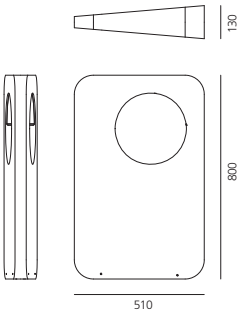
8 W 4000 K



C = 0°-180° Cd/Klm
C = 90°-270°



Lux



Ippolito

Alessandro Pedretti
(Studio Rota & Partners)
2011

- Light fixture with direct emission, with a unique high-performance monochromatic COB LED.
- Floor installation.
- Available in two heights (h 45cm and h 90cm).
- Consists of support with lamp compartment, lamp and ballast compartment.
- Cylindrical lamp support in engineering polymer (compact polyurethane), with co-moulded galvanised steel reinforcing elements. Painted with polyurethane resistant to atmospheric and chemical agents.
- Fixture head in die-cast EN-AB 47100 aluminium, painted with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- UV resistant diffuser in transparent shock resistant polycarbonate.
- Accessory compartment in polymers with closure cover in AISI 316.
- Hot galvanised steel mounting plate, with holes for ground fixing by means of log bolts or dowels.
- AISI 316 stainless steel screws and silicone seal gasket.
- Provided with IP67 cable and connector for the mains connection.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- Insulation class II.

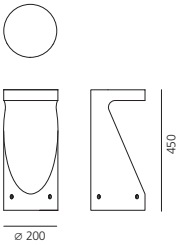
Anthracite grey/light grey

Ippolito 45

W **LED** COB	Flux	CCT	CRI	Color	Code
15 W	1060 lm	3000 K	80		T085100

220/240Vac 50/60Hz electronic ballast included

IP65 **IK**10

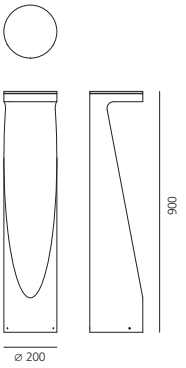


Ippolito 90

W **LED** COB	Flux	CCT	CRI	Color	Code
15 W	1130 lm	3000 K	80		T085000

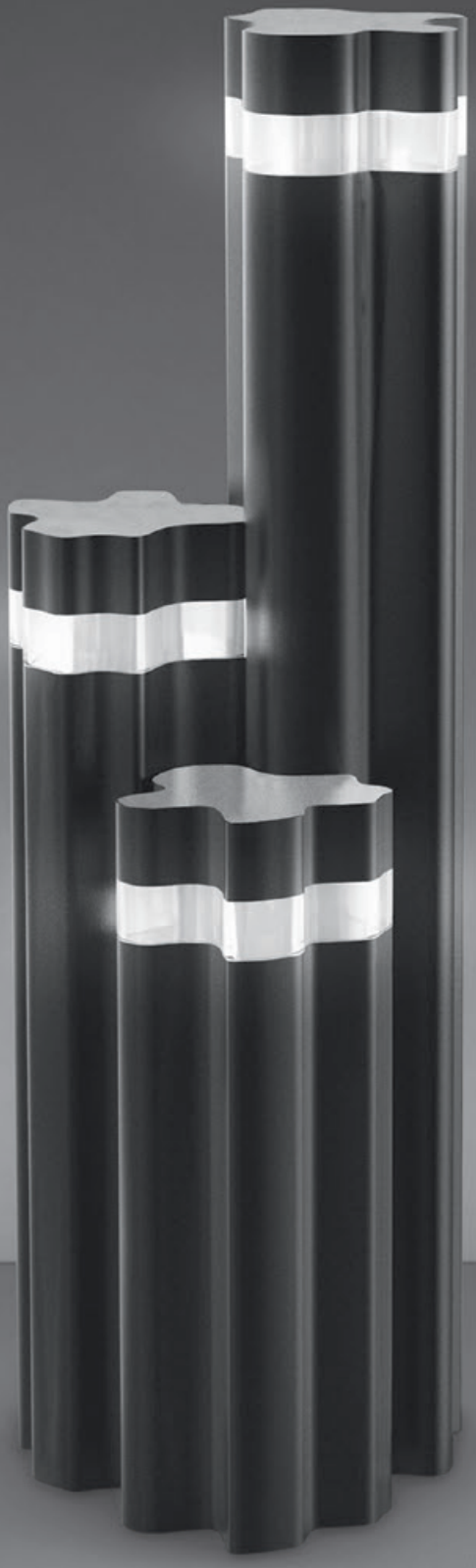
220/240Vac 50/60Hz electronic ballast included

IP65 **IK**10



Logico Garden

Michele De Lucchi, Daniele Moioli
2014



- Floor fitting.
- Designed for garden or pedestrian path lighting.
- The appliance consists of a lamp and a supporting pole. The lamp support -450, 600, or 900 mm high - is made of chromed and painted EN-AW-6060 extruded aluminium. The base flange is made of painted electro galvanized iron, with holes for ground fixing by means of screws or plugs.
- The lamp body is made of EN-AB 47100 die-cast aluminiumwith 3-stage outdoor treatment: nanotechnologies, anti-oxidising primer, polyester painting.
- Metallised polycarbonate reflectors.Highly transparent methacrylate screen, with shiny shock-resistant and anti-UV finish. AISI 316 fixing screws and silicon seals.
- Sealing rating IP65.
- Class I.
- Provided with cable and IP68 connector for connection to the mains cables with 5 to 13.5 mm diameters.
- Technical specifications comply with EN60598-1.
- EC certification.

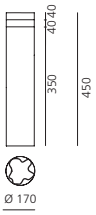
reddot design award
2015

Anthracite grey

Logico Garden 45

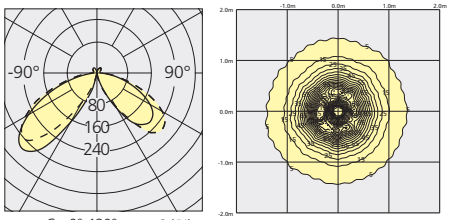
W	CCT	CRI	Flux	Color
15 W	3000 K	80	294 lm	●

Code
T416800W00



IP65 **IK**10

15 W 3000 K

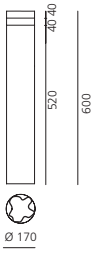


C = 0°-180° Cd/Klm
C = 90°-270°

Logico Garden 60

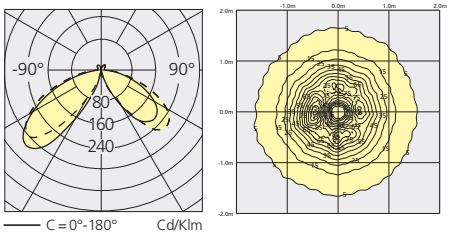
W	CCT	CRI	Flux	Color
15 W	3000 K	80	294 lm	●

Code
T416900W00



IP65 **IK**10

15 W 3000 K



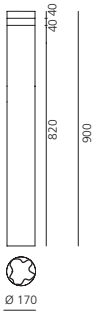
C = 0°-180° Cd/Klm
C = 90°-270°

Anthracite grey

Logico Garden 90

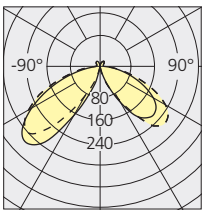
W	CCT	CRI	Flux	Color
15 W	3000 K	80	294 lm	●

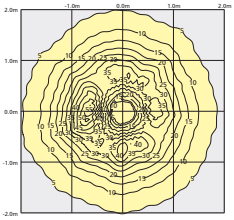
Code
T417000W00



IP65 **IK**10

15 W 3000 K



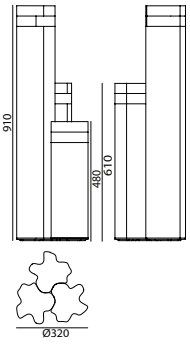


C = 0°-180° Cd/Klm
C = 90°-270°

Logico Garden 3x120

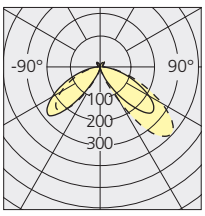
W	CCT	CRI	Flux	Color
45 W	3000 K	80	899 lm	●

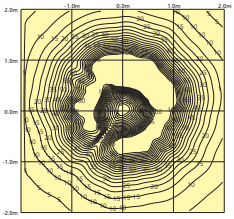
Code
T416700W00



IP65 **IK**10

45 W 3000 K





C = 0°-180° Cd/Klm
C = 90°-270°

Piroscafo

Ernesto Gismondi
2014

- Lighting appliance for ground fixing with directional light emission, using monochrome LED light sources.
- The appliance consists of a body and a fixing base of EN-AB 47100 die-cast aluminium finished with a 3-stage outdoor treatment: nanotechnologies, anti-oxidising primer, polyester painting.
- Shock-resistant tempered glass screen.
- Sealing rating IP65.
- Class II
- Provided with cable and IP67 connector for connection to the mains. Supports cables with 7 to 12 mm diameters.
- Technical specifications comply with the EN60598-1 norm.

Piroscafo

Grey Green Rust

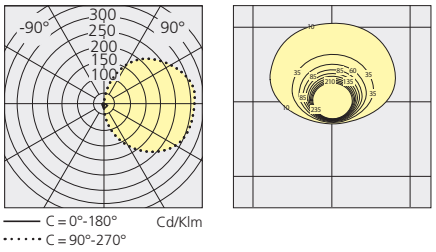
W	CCT	CRI	Flux	Color
15 W	3000 K	80	1290 lm	

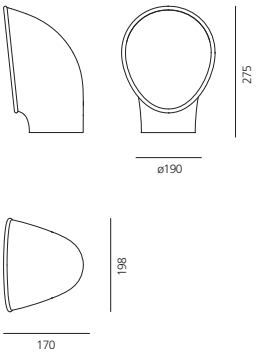
Code
T081910
T081900
T081920

220/240Vac 50/60Hz electronic ballast included

IP65

15 W 3000 K





Granito

Ernesto Gismondi
2010

- Light fixture with metal halide sources.
- The four light beams projected through the fissures on the sides make it particularly suitable for lighting drives or creating light effects in parks and gardens.
- Available in two heights (h 30cm and h 60cm).
- Lamp unit in Cor-ten (weathering steel).
- Transparent sodium-calcium bulb protection glass.
- Ground mounting plate in steel with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- AISI 316 stainless steel screws and silicone seal gaskets.
- Electronic ballast.
- Suitable for watertight connection.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.

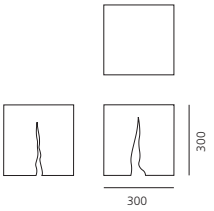
Rust Cor-ten

Granito 30

W	Color	Code
METAL HALIDE 1x35W (G12) – HIT		T083000

220/240Vac 50/60Hz electronic ballast included

IP55 **IK**10

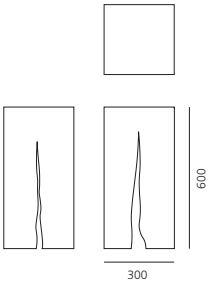


Granito 60

W	Color	Code
METAL HALIDE 1x35W (G12) – HIT		T083100

220/240Vac 50/60Hz electronic ballast included

IP55 **IK**10



The colour of Cor-ten steel may change in time depending on weather conditions. Before stabilization, Cor-ten steel may release rust powder that may stain the surface where it is placed.

Artemide recommends not to position it on sensitive surfaces, such as clear stones, marbles, etc.

Reeds

Klaus Begasse
2013

- Floor light fixture with diffuse emission, with monochromatic LED light sources.
- Available with IP20 protection rating for indoors, IP67 and IP68 for outdoors.
- Light is diffused through 7 PMMA rods with different heights to give the impression of a reed bed and which can be screwed to the base by means of AISI 316 stainless steel bushes. Part of the light is also diffused on the floor around the base.
- The base has an irregular shape, which has been designed to allow a «mosaic» connection with other light fixtures so as to create an elaborate composition as needed.
- IP67 and IP68 versions are available in Single or Triple shape.

Reeds IP20

- Consists of a base made up of a transparent polycarbonate casing
- Installed between 2 aluminium plates and anti-scratch support feet.
- Technopolymer aesthetic cover.
- Complete with integrated ballast and plug with transparent cable. Switching on and off are performed by means of the pedal push button located on the cable.
- Technical features in compliance with EN60598-1
- Insulation class II.

Reeds IP67

- Consists of a base made up of a transparent polycarbonate casing installed between 2 AISI316 stainless steel plates fixed by means of AISI316 stainless steel screws. Water sealing is assured by a silicone gasket. The light fixture can be fastened to the floor by means of the holes in the lower plate. Technopolymer aesthetic cover.
- Complete with integrated ballast and supplied with a 1.5 m-long H05RN-F 2x1 cable provided with IP67 connector for the electrical connection to the mains suitable for 5-13.5mm diameter cables.
- Technical features in compliance with EN60598-1
- Insulation class II.

Reeds IP68

- Consists of a base made up of a transparent polycarbonate casing installed between 2 AISI316 stainless steel plates fixed by means of AISI316 stainless steel screws. Water sealing is assured by a silicone gasket. The light fixture can be fastened to the floor by means of the holes in the lower plate. Technopolymer aesthetic cover.
- The light fixture is supplied with 24V DC power and is provided with a 5 m-long H05RN-F 2x1 cable with IP68 connector for the electrical connection to the mains suitable for 5-13.5mm diameter cables.
- Technical features in compliance with EN60598-1 and section 2-18.
- Insulation class III.

Danese Miano, Milan - (IT)

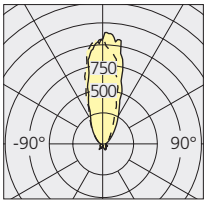
Anthracite grey

IP20

W	Flux	CCT	CRI	Color	Code
9,5 W	79 lm	3000 K	80	●	T087300

220/240Vac 50/60Hz electronic ballast included

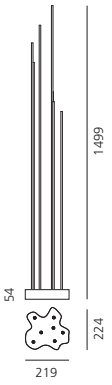
9,5 W 3000 K



C = 0°-180° Cd/Klm
C = 90°-270°

H m	Ø m	EMax lux	EMed lux
5	3,19	4	2
4	2,55	8	3
3	1,92	10	6
2	1,28	22	13
1	0,64	89	51

IP20 **IK**10 ☐

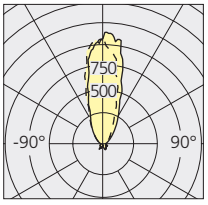


IP67

W	Flux	CCT	CRI	Color	Code
9,5 W	79 lm	3000 K	80	●	T087400

220/240Vac 50/60Hz electronic ballast included

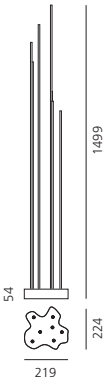
9,5 W 3000 K



C = 0°-180° Cd/Klm
C = 90°-270°

H m	Ø m	EMax lux	EMed lux
5	3,19	4	2
4	2,55	8	3
3	1,92	10	6
2	1,28	22	13
1	0,64	89	51

IP67 **IK**10 ☐

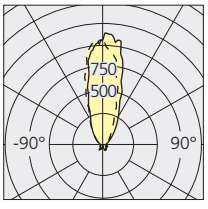


IP667 triple

W	Flux	CCT	CRI	Color	Code
28 W	237 lm	3000 K	80	●	T087700

220/240Vac 50/60Hz electronic ballast included

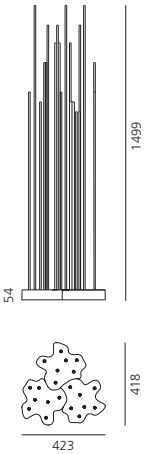
28 W 3000 K



C = 0°-180° Cd/Klm
C = 90°-270°

H m	Ø m	EMax lux	EMed lux
5	3,19	4	2
4	2,55	8	3
3	1,92	10	6
2	1,28	22	13
1	0,64	89	51

IP67 **IK**10 ☐



Anthracite grey

IP68

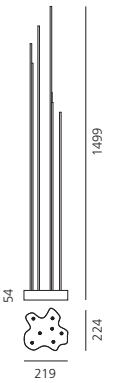
W	Flux	CCT	CRI	Color	Code
9,5 W	79 lm	3000 K	80	●	T087500

Electronic ballast 24Vdc supplied separately

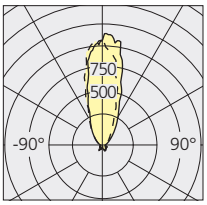
Driver	Vac in	Vac out	Lmm	Wmm	Hmm	IP	Code
25 W 24Vdc	110-277	24	150	40	32	67	T409996
60 W 24Vdc	110-277	24	165	43	32	67	T409998
90 W 24Vdc	110-277	24	165	61	36	67	T409999

Please see page 875 for drivers installation details.

IP68 **IK**10 ☐



9,5 W 3000 K



C = 0°-180°
C = 90°-270°
Cd/Klm

H m	Ø m	EMax lux	EMed lux
5	3,19	4	2
4	2,55	8	3
3	1,92	10	6
2	1,28	22	13
1	0,64	89	51

IP68 triple

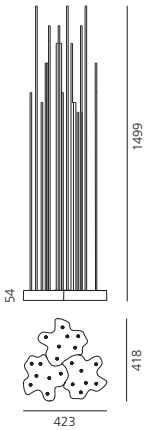
W	Flux	CCT	CRI	Color	Code
28 W	237 lm	3000 K	80	●	T087800

Electronic ballast 24Vdc supplied separately

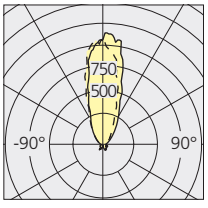
Driver	Vac in	Vac out	Lmm	Wmm	Hmm	IP	Code
60 W 24Vdc	110-277	24	165	43	32	67	T409998
90 W 24Vdc	110-277	24	165	61	36	67	T409999

Please see page 875 for drivers installation details.

IP68 **IK**10 ☐



28 W 3000 K



C = 0°-180°
C = 90°-270°
Cd/Klm

H m	Ø m	EMax lux	EMed lux
5	3,19	4	2
4	2,55	8	3
3	1,92	10	6
2	1,28	22	13
1	0,64	89	51

Places and Street Lighting

834 Tolomeo XXL
838 Poto
840 Hila
844 Indicta
848 Sostituto Pole
850 Cefiso Pole
854 Cariddi Pole
856 Provoca
860 Solar Tree

Tolomeo XXL

Michele De Lucchi
Giancarlo Fassina
2009

- Light fixture with direct emission, with fluorescent or metal halide sources.
- Available with base or fixed support (pivot) made of mass-coloured concrete.
- Diffuser in mass-pigmented polypropylene, screen in light-diffusing silkscreened methacrylate, reflector in painted aluminium.
- Mobile-arm structure in extruded EN-AW-6060 aluminium with bright anodizing treatment.
- Polished-painted articulations in die-cast EN-AB 46100 aluminium.
- Adjustment system in AISI 316 stainless steel.
- Silicone seal gaskets.
- Suitable for watertight connection.
- Electronic ballast.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class I.

Meet Design 2011, Rome - (IT)

Tolomeo XXL

Silver grey

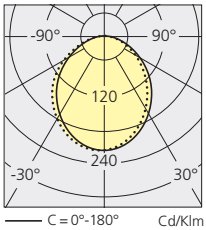
Tolomeo XXL with base

W	Color	Code
FLUO: 2x57W (GX24q-5)		1532010A
METAL HALIDE: 1x100W (E27) - HCI		1534010A

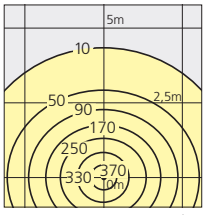
220/240Vac 50/60Hz electronic ballast included

IP55

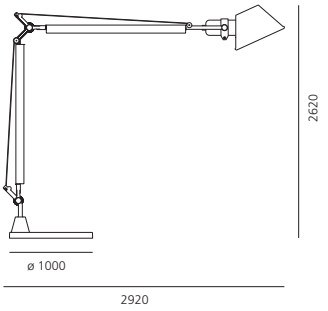
42 W



C = 0°-180° Cd/Klm
C = 90°-270°



Lux



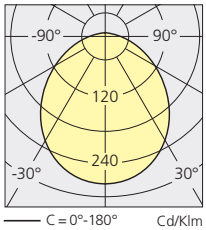
Tolomeo XXL with fixed support

W	Color	Code
FLUO: 2x57W (GX24q-5)		1535010A
METAL HALIDE: 1x100W (E27) - HCI		1536010A

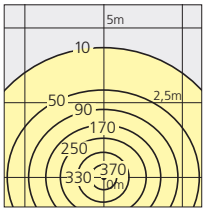
220/240Vac 50/60Hz electronic ballast included

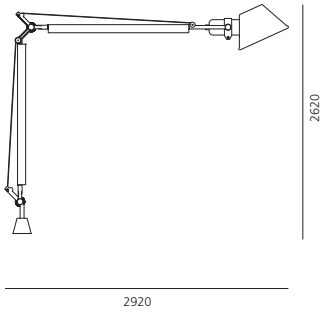
IP55

100 W



C = 0°-180° Cd/Klm
C = 90°-270°





Poto

Ernesto Gismondi
2014

- Pole appliance for direct lighting.
- Consists of a pole head attached to the pole with grub screws.
- The provided EN AW6060 aluminium pole should be bathed in concrete for 0.5m and rise 2.5m up from the ground.
- The lighting body is fitted with an IP67 connector supporting cables with 5 to 13.5 mm diameters, to be fitted inside the pole.
- The head has a transparent diffuser and a matt white top cap both in impact resistant PMMA. The body fitted inside the pole is made of EN AW6060 aluminium. Silicon seals.
- Electronic power pack fitted inside the body suited for 4kV surges.
- Internal reflector of metallised zamac fiited by sanded glass filter.
- All the screws used for the outside of the product are made of AISI 316 INOX steel.
- All the aluminium parts are finished with a 3-stage outdoor treatment: nanotechnologies, anti-oxidant primer, polyester paint.
- EC certification.
- Insulation class II

Poto

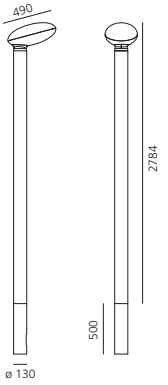
White

W	Flux	CCT	CRI	Color
45 W	2586 lm	3000 K	80	○

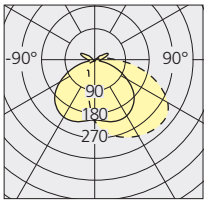
Code
T082600

220/240Vac 50/60Hz electronic ballast included

IP67 **IK**08 ⊡



45 W 3000 K



C = 0°-180° Cd/Klm
C = 90°-270°

Hila

Carlo Colombo
2011

Series of light fixtures with direct emission, with high-performance LED light sources.

Floor, pole and wall installation.

Grey-white finish.

Hila wall

- Consists of lamp and wall support.
- Lamp unit in die-cast EN-AB 47100 aluminium.
- UV resistant diffuser in shock resistant polycarbonate with satiny finish, provided with high-efficiency light-diffusing lenses.
- Wall support in painted steel.
- Painting is obtained by means of 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- AISI 316 stainless steel screws and silicone seal gasket.
- Provided with IP67 cable and connector for the mains connection.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.

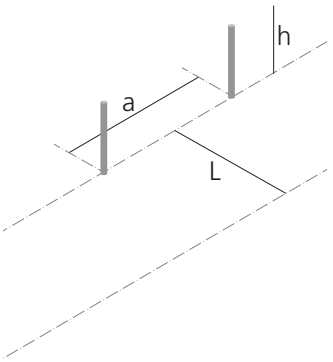
Hila floor

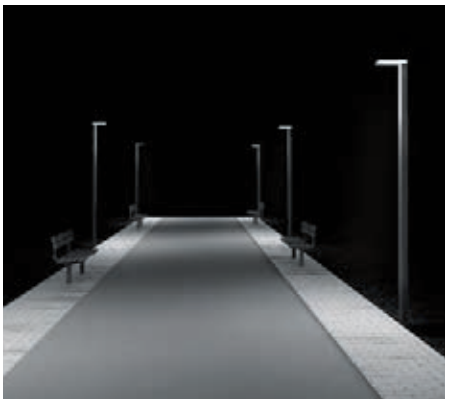
- Consists of lamp, support pole and ground mounting plate.
- Lamp unit in die-cast EN-AB 47100 aluminium.
- UV resistant diffuser in shock resistant polycarbonate with satiny finish, provided with high-efficiency light-diffusing lenses.
- Support pole h=90cm in extruded EN-AW-6060 aluminium, chromate treated and painted.
- Mounting plate in painted steel, with holes for ground fixing by means of log bolts or dowels.
- Painting is obtained by means of 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- AISI 316 stainless steel screws and silicone seal gasket.
- Provided with IP67 cable and connector for the mains connection.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.

Hila floor/pole

HILA 12 W			Lighting application		
h	L	a	Em	Emax	Emin
0.9 m	1.0 m	3.2 m	50 lux	180 lux	2 lux

HALO 24W			Lighting application		
h	L	a	Em	Emax	Emin
3.5 m	3.5 m	13 m	8 lux	20 lux	2 lux





Hila

Grey-white RAL9002

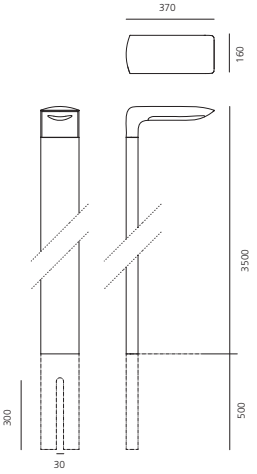
Hila Pole

W	Flux	CCT	CRI	Color
24 W	1311 lm	4000 K	75	

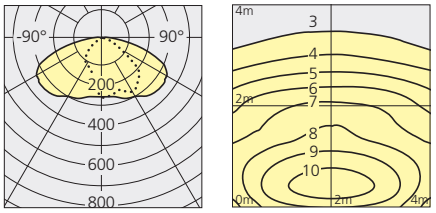
Code: T085900

220/240Vac 50/60Hz electronic ballast included

IP65 **IK**10



24 W 4000 K



C = 0°-180° Cd/Klm
C = 90°-270° Lux

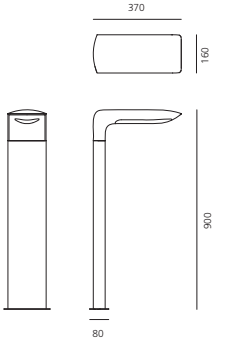
Hila Floor

W	Flux	CCT	CRI	Color
12 W	786 lm	4000 K	75	

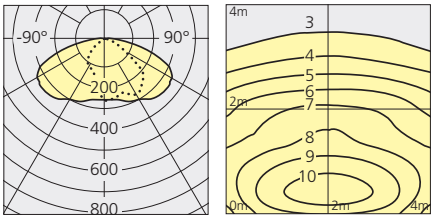
Code: T085700

220/240Vac 50/60Hz electronic ballast included

IP65 **IK**10



12 W 4000 K



C = 0°-180° Cd/Klm
C = 90°-270° Lux

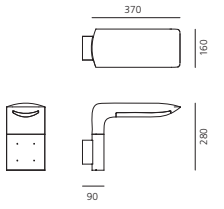
Hila Wall

W	Flux	CCT	CRI	Color
24 W	1311 lm	4000 K	75	

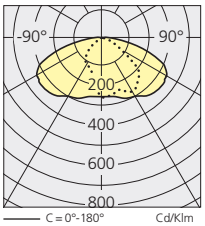
Code: T085800

220/240Vac 50/60Hz electronic ballast included

IP65 **IK**10



24 W 4000 K



C = 0°-180° Cd/Klm
C = 90°-270°

Indicta

Ernesto Gismondi
2010

- Light fixture with direct emission, with high-performance LED light sources.
- ø60mm pole installation with ø35x110mm shank (not supplied).
- Anthracite grey finish.
- Consists of optical housing and support for pole installation.
- Optical housing in extruded EN-AW-6060 aluminium, chromate treated and painted with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- UV resistant diffuser in shock resistant polycarbonate.
- High-efficiency asymmetrical optics in metalised polycarbonate.
- Optical housing support in high-resistance mass-coloured reinforced polymers.
- AISI 316 stainless steel screws and silicone seal gaskets.
- Provided with IP67 cable and connector for the mains connection.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.

Indicta

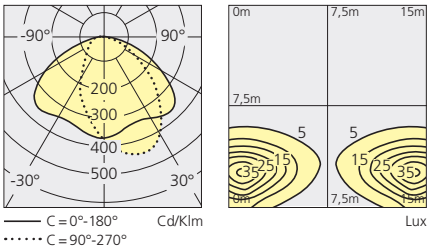
Anthracite grey

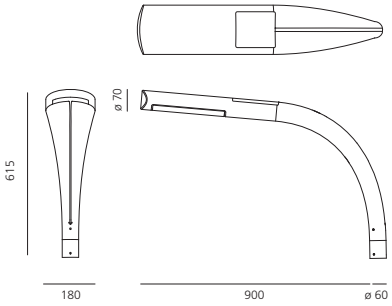
W	Flux	CCT	CRI	Color
23 W	1341 lm	4000 K	80	

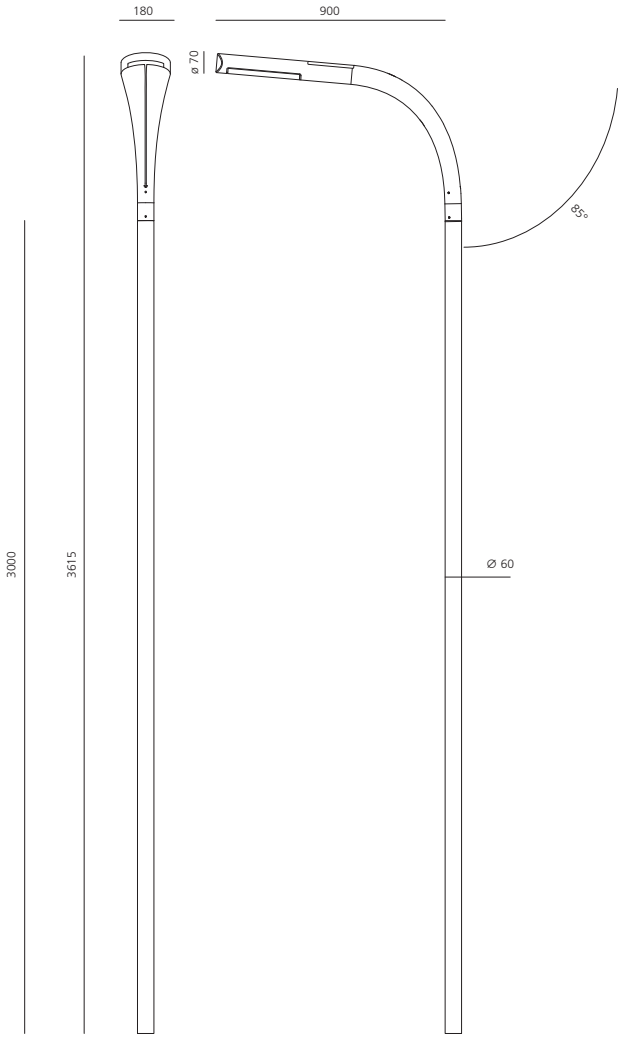
Code
T084800

IP65

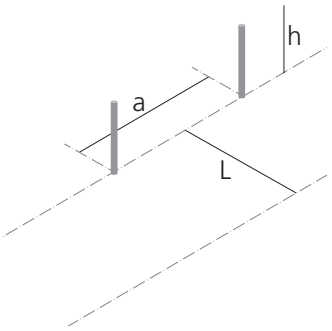
23 W 4000 K







LED 23 W			Lighting application		
h	L	a	Em	Emax	Emin
3.5 m	4.0 m	13 m	12 lux	33 lux	2.8 lux



Danese Miano, Milan - (IT)

Sostituto Palo

Ernesto Gismondi
2013

- Light fixture with direct emission, with monochromatic LED light sources.
- Pole installation (pole not supplied).
- Consists of lighting unit and 90° adjustable pole joint.
- Die-cast EN-AB 47100 aluminium lighting unit with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Asymmetrical high-efficiency PMMA optical units.
- High-transparency shock-resistant polycarbonate screens.
- Consists of 3 interchangeable optical units. AISI 316 fixing screws and silicone gaskets.
- Suitable for ME3a and ME4a road lighting.
- Technical features in compliance with EN60598-1-2-3.
- Protection level from 4KV impulse overvoltage.
- IP Rating IP66.
- ENEC approved.
- Insulation class II.

Sostituto Palo

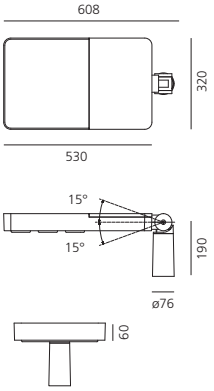
Anthracite grey

W	Flux	CCT	CRI	Color
105 W	7609 lm	4000 K	80	

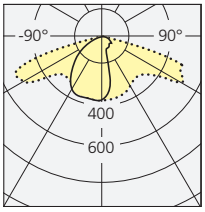
Code
T4183ELN00

220/240Vac 50/60Hz electronic ballast included

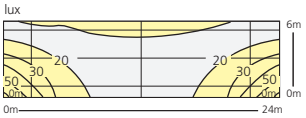
IP65 **IK**10



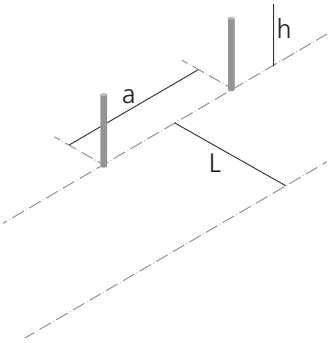
105 W 4000 K

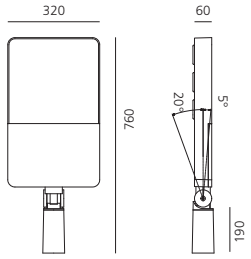


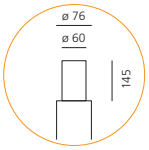
C = 0°-180° Cd/Klm
C = 90°-270°

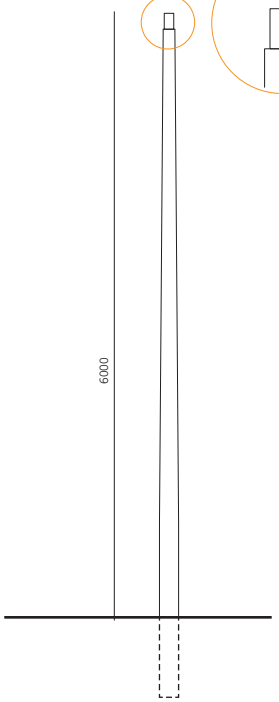


LED 105 W			Lighting application		
h	L	a	Em	Emax	Emin
6.0 m	6.0 m	24 m	23 lux	55 lux	13 lux









Cefiso Palo

Alessandro Pedretti
(Studio Rota & Partners)
2011

- Light fixture with adjustable direct emission, with high-performance LED light sources.
- Pole installation.
- Available in two finishes: light grey painted and anthracite grey painted.
- Consists of lighting unit and pole support. Fixing is maintained by means of locking dowels.
- The pole, not supplied, must have a ø 60mm and h90mm shank to correctly fix the head- pole. The pole height must be 4m from the ground to provide a correct surface lighting. In this way, the poles can be installed at a distance of 15m, suitable to light a 4m carriageway in compliance with S3 class for cycle tracks.
- Body in EN AB44100 aluminium, pole support in galvanized iron, silicone gaskets. Electronic ballast integrated in the body.
- The light fixture is protected from impulse overvoltage up to 4KV both in differential and common mode.
- Silicone-sealed silk-screened tempered glass.
- IP67 connector for electric connection to the mains, it can be housed in the pole compartment and is suitable for cables with a diameter of 5-13.5mm.
- LED circuits with PMMA lenses with road emission beam.
- White monochromatic LEDs available in 2 colour temperatures:
  Warm = 3000K
  Neutral = 4000K
- Screws in AISI 316 stainless steel.
- All parts in die-cast aluminium and galvaniSed iron are painted with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Technical features of light fixtures in compliance with EN60598-1 and part 2-5.
- IP Rating IP65.
- Insulation class II.

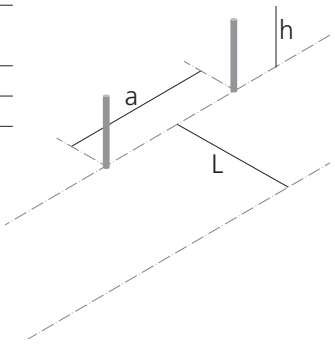
Cefiso Palo

LED 40W

Lighting application

h	L	a	Em	Emax	Emin
4.0 m	4.0 m	15 m	13 lux	27 lux	2.3 lux

Suitable for street lighting in the class S3 (bike paths).

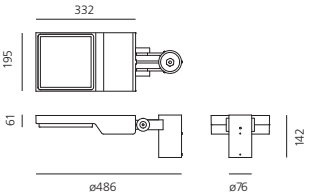


Grey-white RAL9002 ○ Anthracite grey ●

W	Flux	CCT	CRI	Color
40 W	1848 lm	3000 K	80	○
				●
	1968 lm	4000 K	80	○
				●

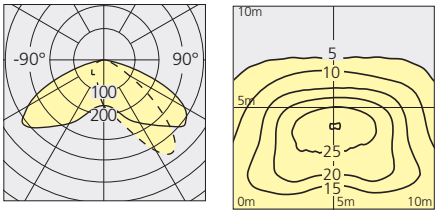
Code
T418200W00
T418200W10
T418200N00
T418200N10

220/240Vac 50/60Hz electronic ballast included

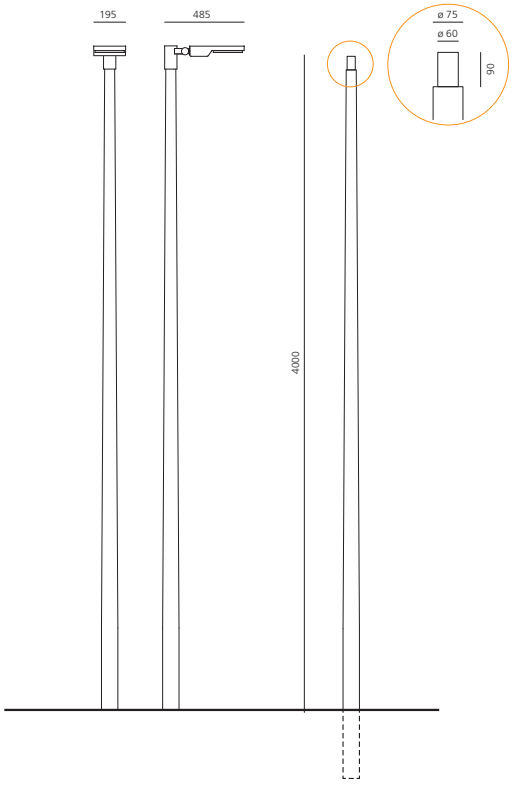


IP65 IK10

40 W 3000 K



—— C = 0°-180° Cd/Klm Lux
····· C = 90°-270°



Cariddi

Ernesto Gismondi
2014

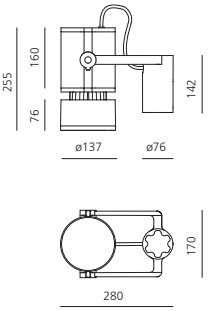
- An adjustable direct lighting appliance fitted with a high-yield LED COB source.
- Consists of a pole joint and a -0/+90° adjustable lighting body. Fixed into position with grub screws.
- Fixing to the pole is ensured by means of 6 grub screws.
- The pole, not included, should have a 60mm spigot to allow appropriate fixing of the pole head. The pole should be 4m high to ensure appropriate surface illumination. Under these conditions, poles can be installed 15m apart to illuminate a 4m lane, in order to ensure compliance with class S3 for cycling lanes.
- Cabling should be accommodated within the pole head, accessible through a lid, using an IP67 sealed connector fit for cables with 5 to 13.5mm diameters.
- The lighting body is powered through a H05RN-F 2x1 cable.
- Aluminium EN AB47100 head, pole joint, and sealing caps; aluminium EN AW6060 body and glass-holding ring, silicon gaskets. Electronic power unit inside the body.
- Suited for public use, protected for 4kV surges, both in the common and in the differential mode.
- Moulded silicon road lighting appliance. The tempered glass diffuser glued flush to the lighting body ensures the absence of lighting pollution.
- White monochrome LEDs available in 1 colour temperature: Neutral = 4000K
- INOX AISI 316 steel screws
- Die-cast aluminium elements painted with 3-stage outdoor treatment: nanotechnologies, anti-oxidizing primer, polyester paint.
- The technical features of the appliances comply with the EN60598-2-3 norm.
- Protection rating IP65.
- EC Certification.
- Insulation class II.

Cariddi

Anthracite grey

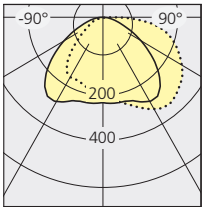
W	Flux	CCT	CRI	Color
23 W	1730 lm	3000 K	80	

Code
T419800N00

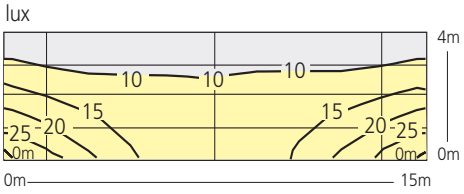


IP65 **IK07**

23 W 3000 K



C = 0°-180° Cd/Klm
C = 90°-270°



Provoca

Ernesto Gismondi
2011

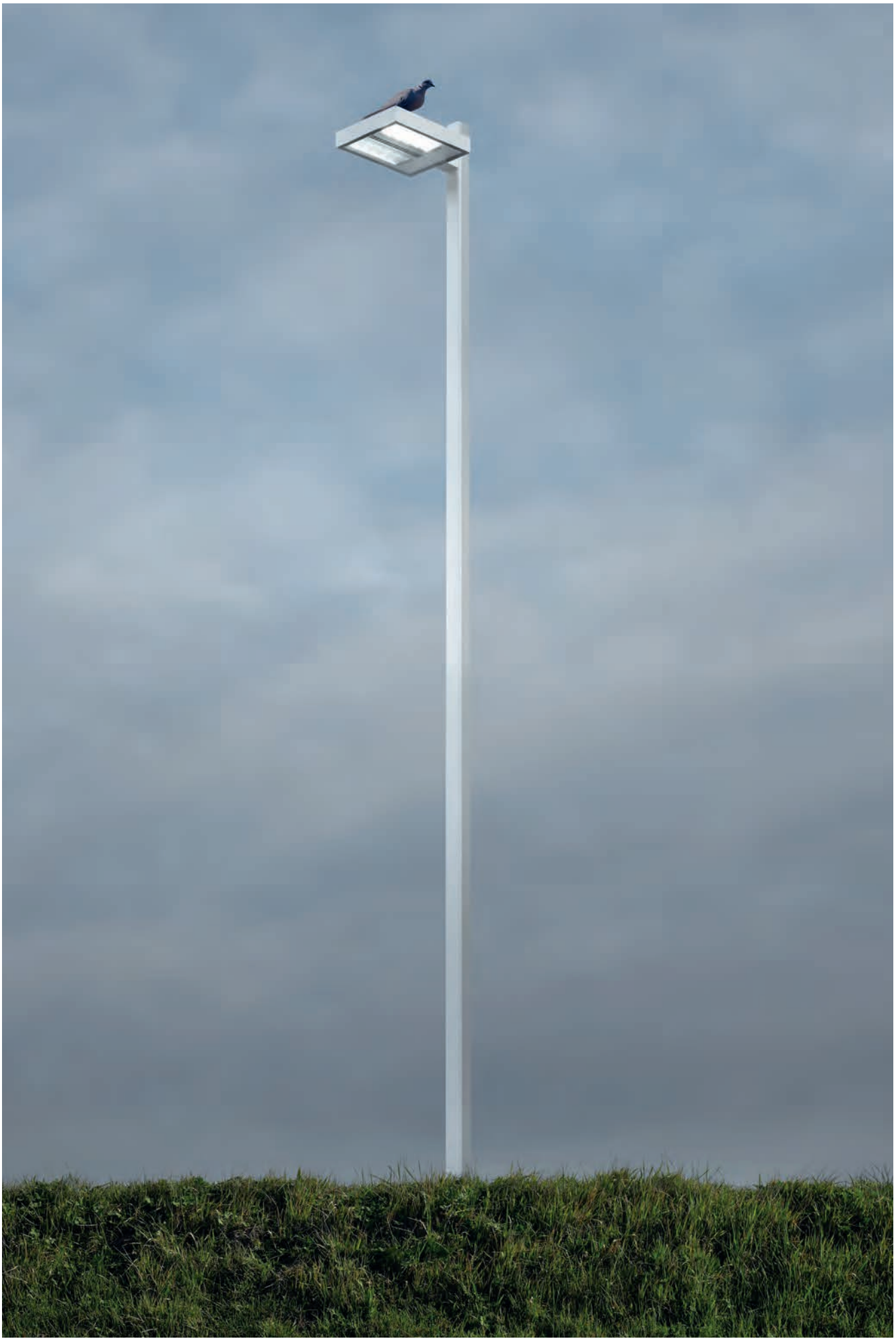
The LED circuits are directly anchored to the aluminium casing of the body in order to maximize heat dissipation. Moreover, some dissipation fins have been included in the product design to increase the heat exchange surface with external air.
The grid in the central part of the product allows natural air circulation, which cools the dissipation surface.
Due to a natural convective motion, cold air removes heat from the dissipation grid, it heats up and moves upwards, through the lighting unit, getting new fresh air from the lower part.
In this way, LEDs are maintained at a lower temperature and their life time and light efficiency increase.

Provoca wall

- Consists of lighting unit and wall support.
- Lighting unit in painted die-cast EN-AB 47100 aluminium.
- High-performance asymmetrical optics in metalised polycarbonate.
- Screens in shock resistant, high transparent tempered glass.
- Wall support in painted steel.
- Painting is obtained with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- AISI 316 stainless steel screws and silicone seal gaskets.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class I.

Provoca pole

- Head-pole fixture consists of lighting unit and pole connection.
- 50x50mm square pole installation with 40x120mm square shank (not supplied).
- Lighting unit in painted die-cast EN-AB 47100 aluminium.
- High-performance asymmetrical optics in metalised polycarbonate.
- Screens in shock resistant, high transparent tempered glass.
- Head-pole fitting in painted steel.
- Painting is obtained with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- AISI 316 stainless steel screws and silicone seal gaskets.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class I.

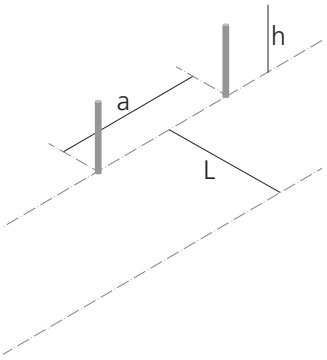


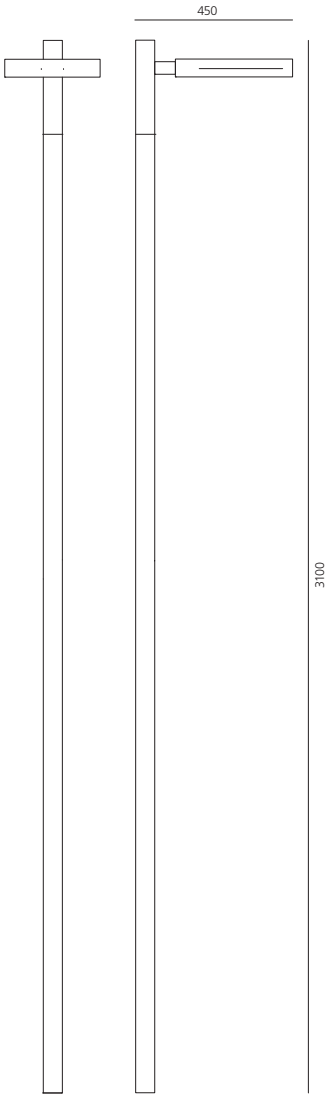
Provoca wall

LED 23 W

Lighting application

h	L	a	Em	Emax	Emin
3.1 m	4.0 m	12 m	15 lux	48 lux	1.5 lux





Provoca

Grey-white RAL9002

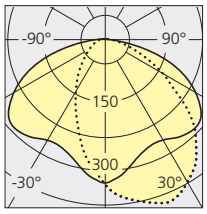
Provoca wall

W	Flux	CCT	CRI	Color	Code
23 W	1400 lm	4000 K	75	○	T085400
Wall support					T085600

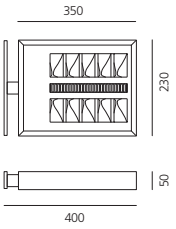
220/240Vac 50/60Hz electronic ballast included

IP65 **IK**06

23 W 4000 K



C = 0°-180° Cd/Klm
C = 90°-270°



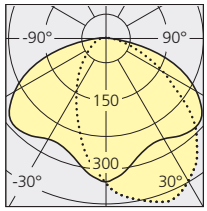
Provoca pole

W	Flux	CCT	CRI	Color	Code
23 W	1400 lm	4000 K	75	○	T085400
Pole connection					T085500
pole H. 300 cm					T085200

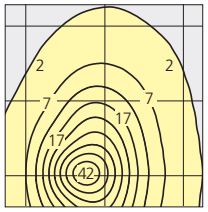
220/240Vac 50/60Hz electronic ballast included

IP65 **IK**06

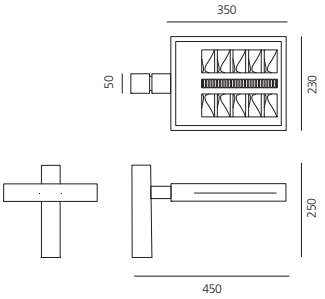
23 W 4000 K



C = 0°-180° Cd/Klm
C = 90°-270°



Lux



Solar Tree

Ross Lovegrove
2007

Solar Tree is conceived as a lighting appliance combining the LED-based lighting technique with the solar photovoltaic technology in a very peculiar and innovative design.

The project is aimed, on one hand, at minimizing the environmental impact of the product's use (deriving, in particular, from reduced consumption of energy obtained from fossil fuels), while ensuring that the appliance can provide service continuity and, therefore, the expected luminous performance, without being vulnerable to random weather agents or suffer design imbalance (number of panels, accumulator size) calculated for winter months. Such imbalance implies significant dimensions, weights, and costs and would not ensure continuous operation in off-average weather conditions.

The same logical principles implemented in the automotive sector on electric cars, with hybrid versions taking the lead over pure electric battery-based ones for a number of reasons, such as costs, performance, and state of the art of certain technologies, were used to develop the Solar Tree project by Artemide. With its mixed accumulator/solar and network configuration, it provides the best possible energy saving and functionality combination.

Solar Tree

- The structure consists of curved steel poles of different diameters and heights, reaching a maximum total 5.5m height above road level. The system includes 10 "grass blades" with 3mm-thick poles with a 40mm diameter, fitted with 1 1W terminal LED protected by a PMMA diffuser screen, and 10 4mm-thick poles with a 76mm diameter supporting the PETG heads with the solar panels. Emission is diffused.
- The poles are coated with pale green outdoor epoxy paint fading to white, and finished with a transparent layer.
- Four of the ten heads (all with photovoltaic cells on the top) are fitted with a LED unit (20 LEDs with a neutral white colour temperature, powered with up to 500mA) at the bottom for direct downward emission, sealed with a plastic screen to ensure protection from water and dust.
- The base is made of hot-zinc coated sheet steel designed for enclosure in a plinth of the appropriate size, not provided with the appliance, to be sunk into the ground. Alternatively a base is available, also made of zinc-coated steel with reinforced concrete stabilizing units forming a round seat. In this case the base can simply rest on the ground, even if ground fixing is always recommended.
- The connection/cabling elements, as well as the control and charging boards, are contained in multiple water-tight boxes with plug-and-socket connectors with protection rating IP65 or higher, and located either in appropriate spots at the foot of the base for easy inspection and maintenance, or inside the concrete stabilizing unit, as specified in detail for the Solar Tree version constituting the object of the supply.
- The airtight accumulators are contained in specific boxes that allow, on one hand, to protect the battery mechanically and from outer agents and, on the other to release any gas discharges, to be provided for by the law.

Configuration

The light fitting configuration includes an analysis of the potential incoming energy (geographical location of the light fitting) and a detailed analysis of the physical location of the light fitting (proximity of buildings or trees). Lastly, an analysis of the level of requested service and performance will be implemented (luminance levels, operation hours, potential discontinuity in the service, if any).

Technical data

- Total number of heads with solar panels: 10
- Number of heads with LEDs: 4
- Installed power for each light head: about 23.1 W at 350mA (base current drive), max current drive 500mA.
- 20 power LEDs for each head in neutral light tonality 4300K.
- Maximum luminous flux for each head: minimum 1250 Lm.
- Solar panel voltage in open circuit: about 10 V.
- Peak power for each panel: about 63 W.
- Total number of "stems": 10.
- LED power for each "stem": about 1 W with a power supply of 350mA.
- 2 Batteries
- Battery voltage: 12 V
- Single battery capacity: 240 Ah
- Box with USB connection for diagnostics/setting/servicing access.
- Technical features of the light fixture in compliance with EN60598-1.
- IP Rating IP65.
- Insulation class II.

$$E_{in} = \sum P_{peak\ power} \cdot h_{equivalent} \cdot \eta_{system} \cdot \eta_{noct} \cdot \eta_{tilt\ angle}$$

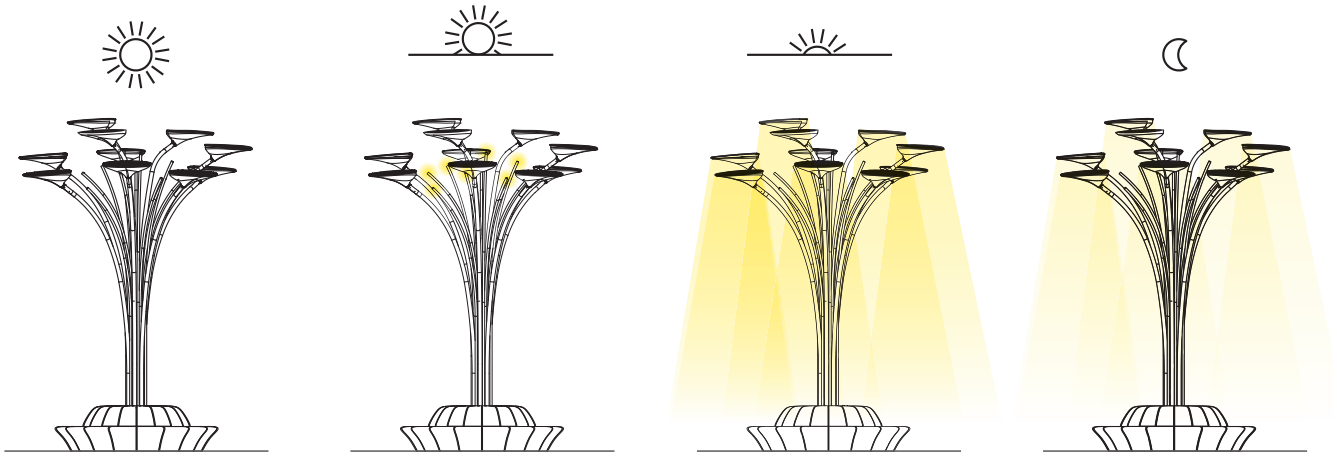
$P_{peak\ power}$ = Maximum power input

$h_{equivalen}$ = Average received solar radiation in hours

η_{system} = System conversion efficiency

η_{noct} = Nominal operating temperature

$\eta_{tilt\ angl}$ = Exposure factor



Working

Solar Tree was designed for operation in the HYBRID configuration: in addition to the batteries, generally of the appropriate capacity to contain energy for autonomous operation for up to 7-10 days (with an energy-saving operation cycle, better specified below) with full charge, connection with the mains is provided for energy supply to the appliances (via an appropriate DC power unit connected with the mains) when the batteries are depleted. This is to ensure full service availability even in case of persistent bad weather and/or reduced sun irradiation or 100% use of the luminous performance of the appliance, or anyway when the energy balance is negative.

At dusk (recognized by determination of the dawn and sunset time entered into the calculation routine of the management programme or otherwise), the LED sources are turned on until dawn according to the pre-set duty-cycle.

In "HYBRID" appliances, the system draws energy from the batteries until these fall to the lower charge limit, then switches automatically to the mains.

For appliances based on this configuration, if mains connections coincided with the desired switching time of the public lighting appliances to which the Solar Tree functionally refers, appropriate settings would ensure that the voltage available upon powering is interpreted as a start signal for the Solar Tree, and vice versa in case of disconnection from the mains.

Working programs

Two operating modes are available to satisfy individual needs – Manual and Automatic. The Automatic mode can, in turn, be configured in three different ways, according to the desired performance and energy saving attitude. More specifically: AUTO ECO: 100% operation at times of maximum attendance of the venue, limited operation of the LED heads only in the middle of the night (to ensure average 8 lux ground illumination, the LED sources are turned on and adjusted to approximately 25% of their nominal operating power from sunset to dawn. This mode is recommended to tend to full operation coverage even during the fall/winter in view of energy balance).

AUTO 100%: an operation mode that tends to ensure maximum operating performance of the appliance adjusting to the increased input of solar energy (if any).

CUSTOMIZED: the user can select the desired operating times and profiles.

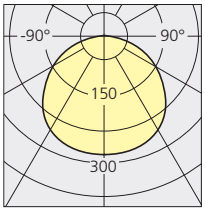
The above-described profiles can be associated with deadlines and, therefore, be selected alternatively.

MANUAL: can be enabled by the user in case of special events and/or needs. The user can access the "fine" adjustment menu for selection on a 0-100% scale of the flow emitted by the individual LED heads and by the bunch of stems. The sources then remain switched on and adjusted according to the user's settings until switching off or returning to the automatic mode under the user's control.

Piazza Gae Aulenti, Milan - IT, Project: Pelli Clarke Pelli Architects

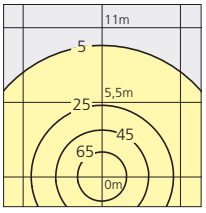
LED

W	CRI	Flux	CCT	Code
4 heads LED	23 W (92 W Tot.)	1932 lm (7728 lm Tot.)	4300 K	
+ 10 stems LED	1 W (10 W Tot.)		6000 K	
Lighting units, curved poles, “stems” and batteries				T080600
Pole support structure + 18 benches				T080400



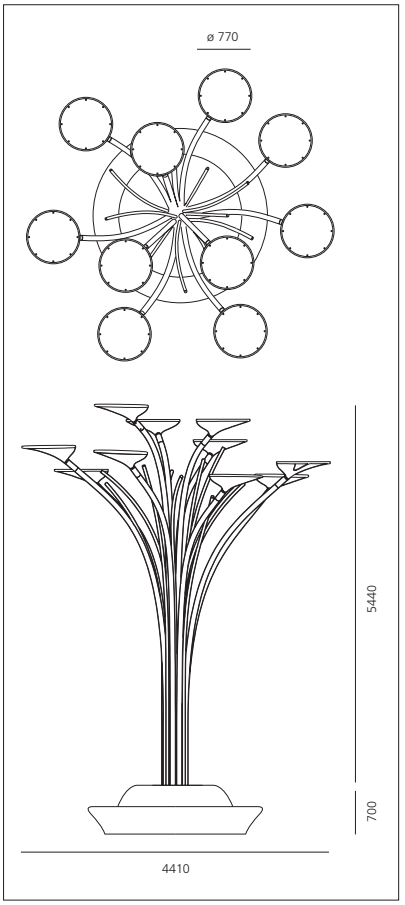
C = 0°-180° Cd/Klm
C = 90°-270°

Light intensity of one head.
Flow 1250 lm



Lux

Lighting of the whole fixture.



IP65 power box and pole heads
IP44 battery compartment

A.

Technical Data

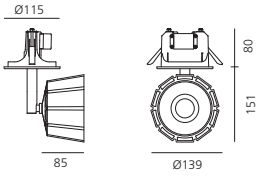
How to read the catalogue

Product table

POWER OF DEVICE	WEIGHT OF DEVICE	LUMINOUS BEAM OPENING	DEVICE LUMINOUS FLUX	LIGHT COLOR TEMPERATURE	DEVICE COLOR	PRODUCT CODE VERSION A	VAT EXCLUDED PRICES	PRODUCT CODE VERSION B	PRODUCT PHOTO IP DEGREE OF PROTECTION APPROVALS ORIENTATION AND ROTATION VALUES SILHOUETTE

LED						non dimmable*	Dali-SwitchDim**
W	Weight	Beam	Flux	CCT	Color	Code	Code
36 W	1,30 kg	2x8°	2768 lm	3000 K	○	M141420	M141421
					●	M141410	M141411
					◑	M141480	M141481
					●	M141450	M141451
			2962 lm	4000 K	○	M141620	M141621
					●	M141610	M141611
					◑	M141680	M141681
					●	M141650	M141651
		2x18°	2452 lm	3000 K	○	M141520	M141521
					●	M141510	M141511
					◑	M141580	M141581
					●	M141550	M141551
			2623 lm	4000 K	○	M141720	M141721
					●	M141710	M141711
					◑	M141780	M141781
					●	M141750	M141751

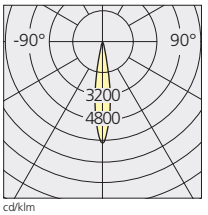
IP20 ⧈ 850°



Luminous data table

	PRODUCT NAME AND SPECIFIC SOURCE	LIGHT SOURCE DATA	LIGHT SOURCE DATA OUTPUT BY THE DEVICE	POLAR CURVE AND DEVICE W	LIGHT CONE LIGHT COLOUR TEMPERATURE AND LIGHT BEAM OPENING

Airlite 2x8°	LED		luminaire		36 W	3000 K	α=2x8°
Power	31 W	31 W	36 W	36 W			
Flux	3454 lm	3695 lm	2768 lm	2962 lm			
CCT	3000 K	4000 K	3000 K	4000 K			
CRI	=80 (min.)						
Color tolerance	MacAdam 3SDCM						
Serivce life	L70(6K)>36000h						
Beam			2x8°	2x8°			
Efficiency			80%	80%			
Efficacy	111 lm/W	119 lm/W	76 lm/W	81 lm/W			



H m	Ø m	EMax lux	EM lux
0,5	0,15	66306	32115
1,0	0,30	16576	8029
1,5	0,45	7367	3568
2,0	0,60	4144	2007
2,5	0,75	2652	1285
3,0	0,90	1842	892

IN A SPOTLIGHT OR, MORE GENERALLY, IN A DEVICE WITH ROTATIONAL OR X-Y TYPE SYMMETRY, DOUBLE THE ANGLE BETWEEN THE DIRECTION OF AXIAL LIGHT INTENSITY AND THE DIRECTION WHERE THE INTENSITY EQUALS ½ THE AXIAL INTENSITY. THE HUMAN EYE PERCEIVES THE LIGHTING VALUES IN THIS CONE AS CONSTANTS.

LIGHTING DEVICE EFFICIENCY
RATIO BETWEEN THE INSTALLED FLOW AND THE ABSORBED POWER MEASURED AT THE PLUG (WHICH THEREFORE INCLUDES POWER SUPPLY LOSSES). MEASURED IN LM/W.

LIGHTING DEVICE EFFICACY
RATIO, EXPRESSED IN %, BETWEEN THE INSTALLED FLOW AND THE OUTPUT FLOW.

Key

Classifications

Class I
Device in which electrical safety is provided by an additional protective conductor (earth) connected to the metal frame of the lamp.

Class II
Device in which protection against electric shocks is not provided solely by the basic insulation, but which has additional safety measures such as double or reinforced insulation.
These measures do not involve earthing devices and do not depend on the installation conditions.

Class III
Device in which protection against electric shocks is based on a safety extra-low voltage power source and in which no voltages greater than this can be generated.
A class III device does not need earth protection.

Approvals

ENEC certification of European conformity.

Feeding tension

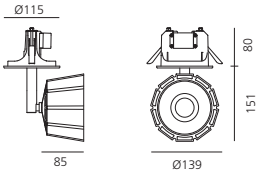
LV

Low Voltage
Components (electrified plates, optional extensions, cables and feeding kits) with 3-wire cables (+, -, signal) and 48VDC feeding tension. Feeding unit and control interfaces are needed in addition. Generally used for RGB LEDs, with the exception of Stand Alone versions.

MV

Medium Voltage
Components (electrified plates, optional extensions, cables and feeding kits) with 7-wire cables (Neutral, Direct Line, Indirect Line, Auxiliary Line, Earth, DALI 1 and DALI 2) and 230 VAC feeding tension. If dimming is required, an external DALI circuit complete with DALI power supply, group controller and scene controller is needed. Used for feeding and dimming fluorescent lamps, white LEDs, spot groups and RGB Stand Alone LED versions.

Rates



The diagrams shown in this catalogue are expressed in millimetres.

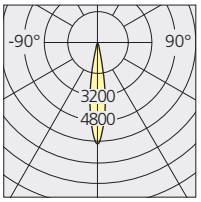
IP degree of protection

Electrical fittings are designed to prevent the intrusion and contact of solids and liquids with live parts.
Resistance to the penetration of solids and liquids is expressed by the acronym IP, followed by two digits that show the degree of protection: the first digit refers to solid bodies, the second to liquids.

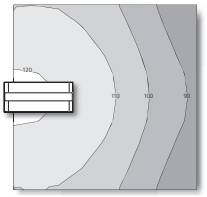
First digit
0 No protection.
1 Protected against the penetration of solid bodies larger than 50 mm.
2 Protected against the penetration of solid bodies larger than 12 mm.
3 Protected against the penetration of solid bodies larger than 2.5 mm.
4 Protected against the penetration of solid bodies larger than 1 mm.
5 Protected against dust.
6 Totally dust-tight.

Second digit
0 No protection.
1 Protected against dripping water.
2 Protected against dripping water up to 15° from the vertical.
3 Protected against rain.
4 Protected against splashing water.
5 Protected against water jets.
6 Protected against waves.
7 Water-tight on immersion.
8 Water-tight on submersion.

Photometric data



Photometric curve in polar coordinates
This represents the distribution of light intensity (expressed in candelas/1000 lumen) emitted by the device on the planes passing through the optical axis of the device. Two curves are indicated for each device, one relating to the transversal plane C0 - C180 (continuous line) and the other to the longitudinal plane C90 - C270 (dotted line).
The photometric curve defines the lighting technology properties of the device, such as luminous flux control, the type of emission and the direction of maximum intensity. These are required for verification of the illumination values during application. The photometric curves shown in this catalogue are only provided as guidelines. The Dialux calculation programme should be used for accurate photometric data.



Isolux curve
This is a graphical representation of the distribution of illumination values on the horizontal plane (floor lamps). The isolux lines connect points of equal illumination values.

H m	Ø m	EMax lux	EM lux
0,5	**0,15**	66306	32115
1,0	**0,30**	16576	8029
1,5	**0,45**	7367	3568
2,0	**0,60**	4144	2007
2,5	**0,75**	2652	1285
3,0	**0,90**	1842	892

Light cone
This indicates the maximum illumination level expressed in lux measured in horizontal portions at different heights with respect to the device. øC0 and øC90 represent the lengths of the axes of the sections. The two values will be the same when the emissions are rotationally symmetric. The angle of emission indicates the plane angle subtended by the directions in which the luminous intensity is 50% of the maximum intensity.

Linear fluorescent lamps

LBS	ILCOS L	W	Beam	T color	Socket	Flux	CRI	Specs	Code
T16-SEAMLESS	FDH-28	28W	-	3000K	G5	2600lm	85	HE-FH	**M004810**
T16-SEAMLESS	FDH-28	28W	-	4000K	G5	2600lm	85	HE-FH	**M004815**
T16-SEAMLESS	FDH-54	54W	-	3000K	G5	4450lm	85	HO-FQ	**M004800**
T16-SEAMLESS	FDH-54	54W	-	4000K	G5	4450lm	85	HO-FQ	**M004805**

LBS	ILCOS L	W	Beam	T color	Socket	Flux	CRI	Specs	Code
T16	FDH-14	14W	-	3000K	G5	1200lm	85	HE-FH	**M004300**
T16	FDH-14	14W	-	4000K	G5	1200lm	85	HE-FH	**M004305**
T16	FDH-21	21W	-	3000K	G5	1900lm	85	HE-FH	**M004340**
T16	FDH-24	24W	-	3000K	G5	1750lm	85	HO-FQ	**M004370**
T16	FDH-24	24W	-	4000K	G5	1750lm	85	HO-FQ	**M004371**
T16	FDH-28	28W	-	3000K	G5	2600lm	85	HE-FH	**M004280**
T16	FDH-28	28W	-	4000K	G5	2600lm	85	HE-FH	**M004325**
T16	FDH-35	35W	-	3000K	G5	3300lm	85	HE-FH	**M004290**
T16	FDH-35	35W	-	4000K	G5	3300lm	85	HE-FH	**M004295**
T16	FDH-39	39W	-	3000K	G5	3100lm	85	HO-FQ	**M004380**
T16	FDH-39	39W	-	4000K	G5	3100lm	85	HO-FQ	**M004381**
T16	FDH-54	54W	-	3000K	G5	4450lm	85	HO-FQ	**M004350**
T16	FDH-54	54W	-	4000K	G5	4450lm	85	HO-FQ	**M004355**
T16	FDH-80	80W	-	3000K	G5	6150lm	85	HO-FQ	**M004360**
T16	FDH-80	80W	-	4000K	G5	6150lm	85	HO-FQ	**M004365**

Compact fluorescent lamps

LBS	ILCOS L	W	Beam	T color	Socket	Flux	CRI	Code
TC-DEL	FSQ-13	13W	-	3000K	G24q-1	900lm	85	**M004630**
TC-DEL	FSQ-18	18W	-	3000K	G24q-2	1200lm	85	**M004188**
TC-DEL	FSQ-26	26W	-	3000K	G24q-3	1800lm	85	**M004181**

LBS	ILCOS L	W	Beam	T color	Socket	Flux	CRI	Code
TC-TEL	FSM-14	14W	-	3000K	GR14q-1	1200lm	85	**M004035**
TC-TEL	FSM-17	17W	-	3000K	GR14q-1	1500lm	85	**M004031**

LBS	ILCOS L	W	Beam	T color	Socket	Flux	CRI	Code
TC-LEL	FSD-18	18W	-	3000K	2G11	1200lm	85	**M004140**
TC-LEL	FSD-36	36W	-	3000K	2G11	2900lm	85	**M004190**
TC-LEL	FSDH-55	55W	-	3000K	2G11	4800lm	85	**M004400**
TC-LEL	FSDH-80	80W	-	3000K	2G11	6500lm	85	**M004660**

LBS	ILCOS L	W	Beam	T color	Socket	Flux	CRI	Code
TC-TEL	FSM-18	18W	-	3000K	GX24q-2	1200lm	85	**M004570**
TC-TEL	FSMH-32	32W	-	3000K	GX24q-3	2400lm	85	**M004420**
TC-TEL	FSMH-42	42W	-	3000K	GX24q-4	3200lm	85	**M004410**

LBS	ILCOS L	W	Beam	T color	Socket	Flux	CRI	Code
TC-FEL	FSD-36	36W	-	3000K	2G10	2800lm	85	**M004060**

LBS	ILCOS L	W	Beam	T color	Socket	Flux	CRI	Code
T16-R	FSCH-22	22W	-	3000K	2GX13	1800lm	85	**M004500**

Beam	T color	Socket	Flux	Code
-	3500K	GR10q3	3900lm	**M004230**

Metal iodide lamps

LBS	ILCOS L	W	Beam	T color	Socket	Flux	CRI	Code
HIT-TC-CE	MT/UB-20	20W	-	3000K	GU6,5	1600lm	80-85	**M004835**
HIT-TC-CE	MT/UB-20	35W	-	3000K	GU6,5	3400lm	80-85	**M004830**

LBS	ILCOS L	W	Beam	T color	Socket	Flux	CRI	Code
HIT-TC-CE	MT/UB-20	20W	-	3000K	G8,5	1700lm	80-85	**M003080**
HIT-TC-CE	MT/UB-35	35W	-	3000K	G8,5	3400lm	80-85	**M003030**
HIT-TC-CE	MT/UB-70	70W	-	3000K	G8,5	6600lm	80-85	**M003090**

LBS	ILCOS L	W	Beam	T color	Socket	Flux	CRI	Code
HIT-CE	MT/UB-35	35W	-	3000K	G12	3300lm	85	**M003165**
HIT-CE	MT/UB-70	70W	-	3000K	G12	6600lm	85	**M003150**
HIT-CE	MT/UB-70	70W	-	4200K	G12	6600lm	85	**M003155**
HIT-CE	MT/UB-150	150W	-	3000K	G12	14000lm	85	**M003160**

LBS	ILCOS L	W	Beam	T color	Socket	Flux	CRI	Code
HIPAR51-CE-P	MRS/UB-20	20W	10°	3000K	GX10	-	80-85	**M003320**
HIPAR51-CE-P	MRS/UB-20	20W	25°	3000K	GX10	-	80-85	**M003330**
HIPAR51-CE-P	MRS/UB-20	20W	40°	3000K	GX10	-	80-85	**M003340**
HIPAR51-CE-P	MRS/UB-35	35W	12°	3000K	GX10	-	80-85	**M003275**
HIPAR51-CE-P	MRS/UB-35	35W	25°	3000K	GX10	-	80-85	**M003280**
HIPAR51-CE-P	MRS/UB-35	35W	40°	3000K	GX10	-	80-85	**M003290**

HIPAR51-CE-P 20W 12°

H m	Ø m	EMax lux	EM lux
1	**0,15**	36401	18265
2	**0,30**	9100	4566
3	**0,45**	4045	2029
4	**0,60**	2275	1142

HIPAR51-CE-P 35W 15°

H m	Ø m	EMax lux	EM lux
1	**0,17**	55197	27849
2	**0,34**	13799	6962
3	**0,50**	6133	3094
4	**0,67**	3450	1741

HIPAR51-CE-P 20W 25°

H m	Ø m	EMax lux	EM lux
1	**0,37**	8385	4009
2	**0,75**	2096	1002
3	**1,12**	932	445
4	**1,50**	524	251

HIPAR51-CE-P 35W 25°

H m	Ø m	EMax lux	EM lux
1	**0,41**	13953	6578
2	**0,83**	3488	1644
3	**1,24**	1550	731
4	**1,66**	872	411

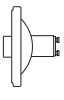
HIPAR51-CE-P 20W 40°

H m	Ø m	EMax lux	EM lux
1	**0,69**	4450	1887
2	**1,38**	1113	472
3	**2,07**	494	210
4	**2,75**	278	118

HIPAR51-CE-P 35W 40°

H m	Ø m	EMax lux	EM lux
1	**0,62**	8300	3613
2	**1,25**	2075	903
3	**1,87**	922	401
4	**2,49**	519	226

LBS	ILCOS L	W	Beam	T color	Socket	Flux	CRI	Code
HIT-DE-CE-h45	MD/UB-70	70W	-	3000K	RX7s	6300lm	80-85	**M003260**
HIT-DE-CE-h45	MD/UB-150	150W	-	3000K	RX7s	13500lm	80-85	**M003270**
			-	3000K	Fc2	20000lm		**M003020**



LBS	ILCOS L	W	Beam	T color	Socket	Flux	CRI	Code
HIR111-CE-P	MRS/UB-35	35W	10°	3000K	GX8,5	-	80-85	**M003310**
HIR111-CE-P	MRS/UB-35	35W	24°	3000K	GX8,5	-	80-85	**M003170**
HIR111-CE-P	MRS/UB-35	35W	40°	3000K	GX8,5	-	80-85	**M003190**
HIR111-CE-P	MRS/UB-70	70W	10°	2900K	GX8,5	-	80-85	**M003185**
HIR111-CE-P	MRS/UB-70	70W	24°	2900K	GX8,5	-	80-85	**M003175**
HIR111-CE-P	MRS/UB-70	70W	40°	3000K	GX8,5	-	80-85	**M003178**

HIR111-CE-P 35W 10°

H m	Ø m	EMax lux	EM lux
1	**0,15**	36401	18265
2	**0,30**	9100	4566
3	**0,45**	4045	2029
4	**0,60**	2275	1142

HIR111-CE-P 35W 24°

H m	Ø m	EMax lux	EM lux
1	**0,37**	8385	4009
2	**0,75**	2096	1002
3	**1,12**	932	445
4	**1,50**	524	251

HIR111-CE-P 35W 40°

H m	Ø m	EMax lux	EM lux
1	**0,69**	4450	1887
2	**1,38**	1113	472
3	**2,07**	494	210
4	**2,75**	278	118

HIR111-CE-P 70W 10°

H m	Ø m	EMax lux	EM lux
1	**0,17**	55197	27849
2	**0,34**	13799	6962
3	**0,50**	6133	3094
4	**0,67**	3450	1741

HIR111-CE-P 70W 24°

H m	Ø m	EMax lux	EM lux
1	**0,41**	13953	6578
2	**0,83**	3488	1644
3	**1,24**	1550	731
4	**1,66**	872	411

HIR111-CE-P 70W 40°

H m	Ø m	EMax lux	EM lux
1	**0,62**	8300	3613
2	**1,25**	2075	903
3	**1,87**	922	401
4	**2,49**	519	226

230-240V LED lamps

			Beam	T color	Socket	Flux		Code
-	-	4W	25°	3000K	GU10	-	85	M004720

H m	Ø m	EMax lux	EM lux
1	0,39	550	247
2	0,78	137	61
3	1,17	61	27
4	1,56	34	15

TCR35-SE 3W 25°

LBS	ILCOS L	W	Beam	T color	Socket	Flux	CRI	Code
-	-	8W	25°	3000K	GU10	-	85	M004760
-	-	8W	40°	3000K	GU10	-	85	M004770
-	-	8W	25°	4000K	GU10	-	85	M004765
-	-	8W	40°	4000K	GU10	-	85	M004775

H m	Ø m	EMax lux	EM lux
1	0,43	1006	474
2	0,85	252	118
3	1,28	112	53
4	1,70	63	30

TCR50-SE 7W 3000K 25°

H m	Ø m	EMax lux	EM lux
1	0,71	402	168
2	1,42	100	42
3	2,14	45	19
4	2,85	25	11

TCR50-SE 7W 3000K 40°

H m	Ø m	EMax lux	EM lux
1	0,40	1148	547
2	0,79	287	137
3	1,19	128	61
4	1,58	72	34

TCR50-SE 7W 4200K 25°

H m	Ø m	EMax lux	EM lux
1	0,67	559	239
2	1,34	140	60
3	2,01	62	27
4	2,68	35	15

TCR50-SE 7W 4200K 40°

LBS	ILCOS L	W	Beam	T color	Socket	Flux	CRI
MR16	-	5W	24°-36°	2700K	G5,3	-	80
MR16	-	5W	24°-36°	3000K	G5,3	-	80
MR16	-	7W	24°-36°	2700K	G5,3	-	80
MR16	-	7W	24°-36°	3000K	G5,3	-	80
MR16	-	7W	24°-36°	4000K	G5,3	-	80
MR16	-	11W	24°-36°	2700K	G5,3	-	80
MR16	-	11W	24°-36°	3000K	G5,3	-	80
MR16	-	11W	24°-36°	4000K	G5,3	-	80

LBS	ILCOS L	W	Beam	T color	Socket	Flux	CRI
AR111	-	12W	40°	3000K	GU53	-	80
AR111	-	12W	40°	4000K	GU53	-	80

12V halogen lamps

LBS	ILCOS L	W	Beam	T color	Socket	Flux	CRI	Code
QR-CBC51	HRGS/UBIB	35W ECO	10°	3000K	GU5,3	-	100	**M001155**
QR-CBC51	HRGS/UBIB	35W ECO	24°	3000K	GU5,3	-	100	**M001160**
QR-CBC51	HRGS/UBIB	35W ECO	36°	3000K	GU5,3	-	100	**M001165**
QR-CBC51	HRGS/UBIB	35W ECO	60°	3000K	GU5,3	-	100	**M001170**
QR-CBC51	HRGS/UB	50W	10°	3000K	GU5,3	-	100	**M001020**
QR-CBC51	HRGS/UB	50W	24°	3000K	GU5,3	-	100	**M001220**
QR-CBC51	HRGS/UB	50W	36°	3000K	GU5,3	-	100	**M001010**
QR-CBC51	HRGS/UB	50W	60°	3000K	GU5,3	-	100	**M001300**

H m	Ø m	EMax lux	EM lux
1	**0,17**	14750	7364
2	**0,34**	3688	1841
3	**0,50**	1639	818
4	**0,67**	922	460

QR-CBC51 50W 10°

H m	Ø m	EMax lux	EM lux
1	**0,36**	5250	2505
2	**0,73**	1313	626
3	**1,09**	583	278
4	**1,45**	328	157

QR-CBC51 50W 24°

H m	Ø m	EMax lux	EM lux
1	**0,66**	2300	988
2	**1,32**	575	247
3	**1,97**	256	110
4	**2,63**	144	62

QR-CBC51 50W 36°

H m	Ø m	EMax lux	EM lux
1	**1,07**	1110	381
2	**2,14**	278	95
3	**3,22**	123	42
4	**4,29**	69	24

QR-CBC51 50W 60°

LBS	ILCOS L	W	Beam	T color	Socket	Flux	CRI	Code
QR111	HMGS/UBIB	35W ECO	6°	3000K	G53	-	100	**M001175**
QR111	HMGS/UBIB	35W ECO	24°	3000K	G53	-	100	**M001180**
QR111	HMGS/UBIB	50W ECO	6°	3000K	G53	-	100	**M001185**
QR111	HMGS/UBIB	50W ECO	24°	3000K	G53	-	100	**M001195**
QR111	HMGS/UB	50W	6°	3000K	G53	-	100	**M001330**
QR111	HMGS/UB	50W	24°	3000K	G53	-	100	**M001340**
QR111	HMGS/UBIB	65W ECO	6°	3000K	G53	-	100	**M001310**
QR111	HMGS/UBIB	65W ECO	24°	3000K	G53	-	100	**M001395**
QR111	HMGS/UB	75W	6°	3000K	G53	-	100	**M001365**
QR111	HMGS/UB	75W	24°	3000K	G53	-	100	**M001360**
QR111	HMGS/UB	100W	6°	3000K	G53	-	100	**M001370**
QR111	HMGS/UB	100W	24°	3000K	G53	-	100	**M001390**

H m	Ø m	EMax lux	EM lux
1	**0,12**	23091	11634
2	**0,24**	5773	2908
3	**0,37**	2566	1293
4	**0,49**	1443	727

QR111 50W 6°

H m	Ø m	EMax lux	EM lux
1	**0,13**	29992	15195
2	**0,25**	7498	3799
3	**0,38**	3332	1688
4	**0,50**	1874	950

QR111 75W 6°

H m	Ø m	EMax lux	EM lux
1	**0,12**	48000	23900
2	**0,24**	12000	5975
3	**0,36**	5333	2656
4	**0,48**	3000	1494

QR111 100W 6°

H m	Ø m	EMax lux	EM lux
1	**0,40**	4007	1929
2	**0,80**	1002	482
3	**1,20**	445	214
4	**1,60**	250	121

QR111 50W 6°

H m	Ø m	EMax lux	EM lux
1	**0,41**	5299	2505
2	**0,81**	1325	626
3	**1,22**	589	278
4	**1,63**	331	157

QR111 75W 6°

H m	Ø m	EMax lux	EM lux
1	**0,40**	8500	4044
2	**0,79**	2125	1011
3	**1,19**	944	449
4	**1,58**	531	253

QR111 100W 6°

Characteristics of LED and components

Artemide always develops its products with special attention to the flexibility of using all possible innovations in the field of LEDs. Many are, in fact, a variety of components available on the market, each with its own special features and suitable for different purposes.

Artemide designs and manufactures all the LED circuits required to turn on the product and operate it correctly over time, in order to prevent any problems and quickly repair any possible defects.

Among the most important types of LED used are:
- 5mm LED, which offers the highest average life span with intermediate light levels;
- SMD-LED, which enables the size to be minimised while maintaining good values of luminous flux;
- Power LED, characterised by a wide choice of power and luminous flux and high life expectancy;
- multi-chip LED, characterised by high power, up to over 20W per module, with high luminous flux.

Artemide offers the possibility of using dimmable systems (1-10V, PUSH button, DALI) or home automation control and lighting management systems by means of specific drivers or ad-hoc solutions. The dimming of the LED allows you to create user-controlled lighting scenarios and adjust the brightness for better viewing comfort.

Artemide is able to c customise and tailor their products to meet the various design requirements, thanks to the electronic control and the flexibility in the choice of LED. To request any type of specific or special project, you can contact our technical department.

Artemide manufactures its circuits with power signals in constant current or constant voltage, equivalent to a connection in series or in parallel to the products, respectively. For the correct selection of the transformer or power supply required to operate the lighting, we recommend you follow these guidelines:

Power calculation for transformers:
To properly select the transformer necessary for electrical installation, it is sufficient to sum up the power values of each fixture, expressed in VA (Volt Ampere), as indicated in the catalogue, and to select a transformer with a rated power 20% higher than the resulting total power value.
7 x Label Light 125 - 28Vac
7 x 23VA = 161VA + 20% = 193,20VA -> Trasform. NL87770

Power calculation for electronic driver with constant current:
To properly select the driver necessary for electrical installation, it is sufficient to sum up the power values of each fixture, expressed in W (Watt), as indicated in the catalogue, and to select a ballast with a rated power 20% higher than the resulting total power value.
7 x Linea LED 8W - 24Vdc
7 x 8W = 56W + 20% = 67,2W -> Power supply NL8711

Power calculation for electronic driver with constant current
To properly select the driver with constant current (350/500/700mA), choose the driver following the indication “N° LED max” in the relevant driver table.
3 x Zeno Up 3 - 500mA
3 x 3 = 9 LED x 2W -> Power supply NL19034

Drivers

Constant current driver for series connection (indoor use)

Code	Description	V (Vac)	I (mA)	P (W)	N°Led max	L (mm)	W (mm)	H (mm)	
NL19041	Driver 8W 500mA SLIM	220-240	500	8	4	22	110	19	indip. use
NL19036	Driver 20W 700mA	220-240	700	20	2-7	125	38	23	indip. use

Constant current driver for series connection (outdoor use)

Code	Description	V (Vac)	I (mA)	P (W)	N°Led max	L (mm)	W (mm)	H (mm)	IP Rate
NL11022	Driver 6W 350mA	220-240	350	5,6	1-4	145	65	55	IP 67
NL19019	Driver 11W 350mA	220-240	350	11,2	3-9	145	65	55	IP 67
NL19046	Driver 14W 500mA	220-240	500	13,5	1-6	145	65	55	IP 67
NL19047	Driver 20W 500mA	220-240	500	20	7-12	145	65	55	IP 67

Constant tension driver for parallel connection (outdoor use)

Code	Description	V (Vac)	I (mA)	P (W)	L (mm)	W (mm)	H (mm)	IP Rate
NL62040	Driver 40W 24Vdc	220-240	24	40	145	65	55	IP 67
NL89080	Driver 70W 24Vdc	220-240	24	70	268	66	51	IP 67
NL62880	Driver 150W 24Vdc	230-240	24	150	268	66	51	IP 67

Constant-power ballasts with plastic wrapper for parallel connection

Code	Description	V_{in}(Vac)	V_{out}(Vac)	P (VA)	L (mm)	W (mm)	H (mm)	IP Rate
T409996	Driver 25W 24Vdc	100-277	24	25	150	40	32	IP 67
T409998	Driver 60W 24Vdc	100-277	24	60	165	43	32	IP 67
T409999	Driver 90W 24Vdc	100-277	24	90	165	61	36	IP 67

Specifications for Naiade 55 and Naiade 90 power supply

Number of fixtures which can be installed according to: Power, Cable section, Line lengt

Ego 55

Code	Power	Line length	Cable 1,5 mm²	Cable 2,5 mm²	Cable 4 mm²
T409996	25W 24Vdc	10 m	13	13	13
	25W 24Vdc	50 m	13	13	13
	25W 24Vdc	100 m	13	13	13
	25W 24Vdc	150 m	12	12	13
	25W 24Vdc	200 m	11	12	13
T409998	60W 24Vdc	10 m	33	33	33
	60W 24Vdc	50 m	31	32	33
	60W 24Vdc	100 m	27	30	31
	60W 24Vdc	150 m	23	27	30
	60W 24Vdc	200 m	19	25	29
T409999	90W 24Vdc	10 m	49	50	50
	90W 24Vdc	50 m	43	46	48
	90W 24Vdc	100 m	35	42	46
	90W 24Vdc	150 m	26	37	42
	90W 24Vdc	200 m	19	31	39

Ego 90

Code	Power	Line length	Cable 1,5 mm²	Cable 2,5 mm²	Cable 4 mm²
T409996	25W 24Vdc	10 m	5	5	5
	25W 24Vdc	50 m	5	5	5
	25W 24Vdc	100 m	4	5	5
	25W 24Vdc	150 m	4	4	5
	25W 24Vdc	200 m	4	4	4
T409998	60W 24Vdc	10 m	12	12	12
	60W 24Vdc	50 m	12	12	12
	60W 24Vdc	100 m	10	11	12
	60W 24Vdc	150 m	8	10	11
	60W 24Vdc	200 m	7	9	11
T409999	90W 24Vdc	10 m	18	18	18
	90W 24Vdc	50 m	16	17	18
	90W 24Vdc	100 m	13	16	17
	90W 24Vdc	150 m	9	14	16
	90W 24Vdc	200 m	7	12	15

Specifications for Reeds IP68 and Reeds IP68 triple power supply

Number of fixtures which can be installed according to: Power, Cable section, Line lengt

Reeds IP68

Code	Power	Line length	Cable 1,5 mm²	Cable 2,5 mm²	Cable 4 mm²
T409996	25W 24Vdc	10 m	2	2	2
	25W 24Vdc	50 m	2	2	2
	25W 24Vdc	100 m	2	2	2
	25W 24Vdc	150 m	2	2	2
	25W 24Vdc	200 m	1	2	2
T409998	60W 24Vdc	10 m	5	5	6
	60W 24Vdc	50 m	5	5	5
	60W 24Vdc	100 m	4	4	5
	60W 24Vdc	150 m	3	4	4
	60W 24Vdc	200 m	2	3	4
T409999	90W 24Vdc	10 m	8	8	8
	90W 24Vdc	50 m	7	7	8
	90W 24Vdc	100 m	5	6	7
	90W 24Vdc	150 m	3	5	6
	90W 24Vdc	200 m	2	4	5

Reeds IP68 triple

Code	Power	Line length	Cable 1,5 mm²	Cable 2,5 mm²	Cable 4 mm²
T409998	60W 24Vdc	10 m	1	1	2
	60W 24Vdc	50 m	1	1	1
	60W 24Vdc	100 m	1	1	1
	60W 24Vdc	150 m	1	1	1
	60W 24Vdc	200 m	-	1	1
T409999	90W 24Vdc	10 m	2	2	2
	90W 24Vdc	50 m	2	2	2
	90W 24Vdc	100 m	1	2	2
	90W 24Vdc	150 m	1	1	2
	90W 24Vdc	200 m	-	1	2

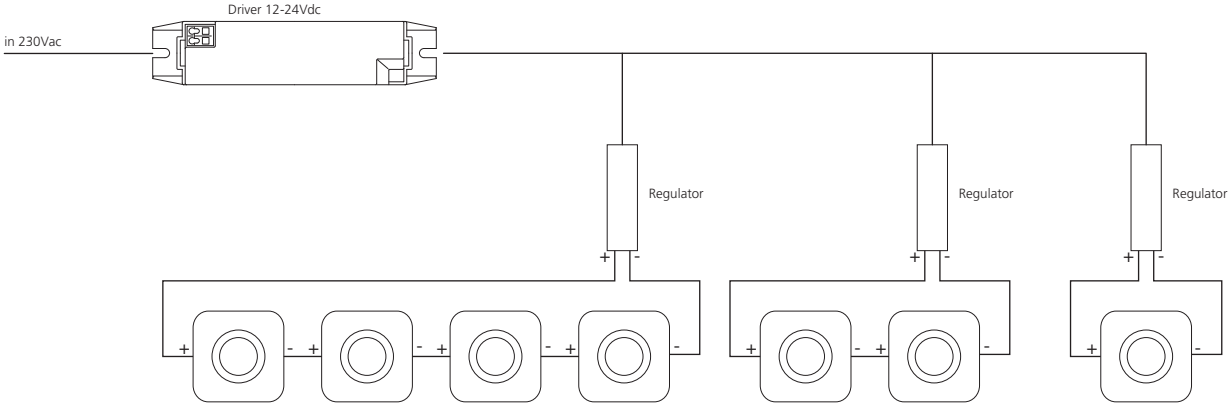
- Max surge supported by the ballasts: 2kV.
- Working temperature of the ballasts: -35°C + 50°C.
- The ballasts must not be directly exposed to UV-rays.
- When calculating sections/lengths, all the fixtures should supplied with power at the line end.
- The IP67 connector supplied with the fixtures is suitable for sections from 1.5 to 4 mm2.
- Insulation class II. Earthing is not required.

Constant current regulators

Code	Description	V (Vac)	I (mA)	N°Led max	L (mm)	W (mm)	H (mm)
NL11103	Régulateurs de courant constant 350mA	12	350	1-3	19	57	16
		24	350	1-6	19	57	16
NL11107	Régulateurs de courant constant 500mA	12	500	1-3	19	57	16
		24	500	1-6	19	57	16
NL11108	Régulateurs de courant constant 700mA	12	700	1-2	19	57	16
		24	700	1-5	19	57	16

Dimmable constant current regulators for outdoor use

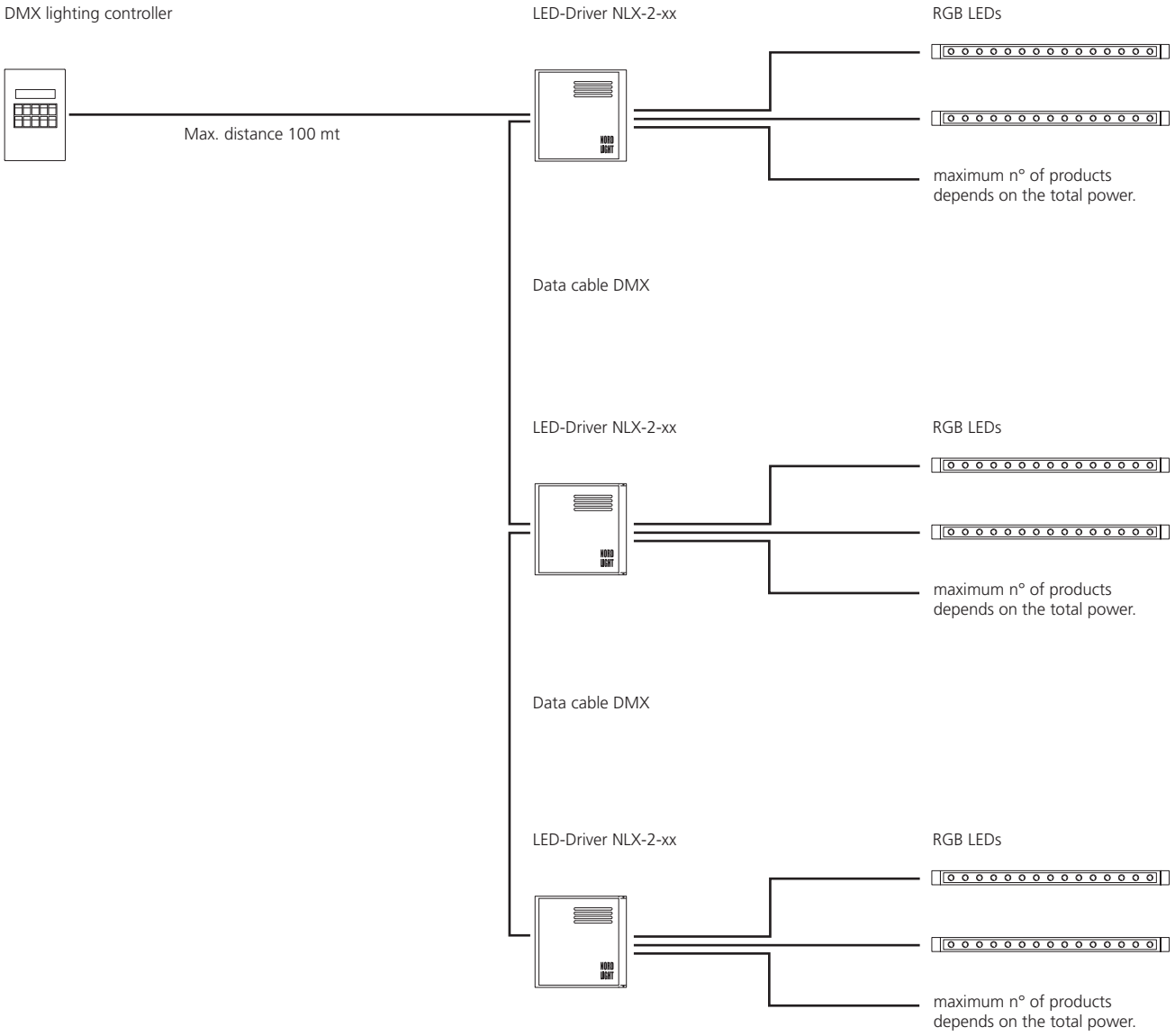
Code	Description	V (Vac)	I (mA)	N°Led max	L (mm)	Ø (mm)	IP Rate
NL11106	Régulateurs de courant constant 350mA IP67	12	350	1-3	130	32	IP 67
		24	350	1-6	130	32	IP 67
NL11104	Régulateurs de courant constant 500mA IP67	12	500	1-3	130	32	IP 67
		24	500	1-6	130	32	IP 67
NL11102	Régulateurs de courant constant 700mA IP67	12	700	1-2	130	32	IP 67
		24	700	1-5	130	32	IP 67



RGB control systems

Artemide Drivers and controller allow a flexible and fully programmable dynamic lighting System. The LED Drivers are compatible with the USITT DMX 512 Standard which is a simple, reliable and economic light management and can be easily interfaced with modern domotic Systems. The DMX data lines are electrically opto-isolated to ensure the maximal reliability and to avoid disturbances.

Wiring diagram for RGB LED systems RGB



Controllers DMX

NL75130	DMX lighting controller DSC10						
Data In	Data Out	DMX ch.	Scenes	Driver	Data cable	L x W x H (mm)	Weight (kg)
No	DMX	60	40	12Vdc - 1A incl.	DMX 2m/XLR	125x170x55	1,5

This lighting controller is able to memorise up to 40 scenes and to manage up to 6 sequences with maximum of 24. The sequences can be chosen by pushing the corresponding buttons on the keyboard. Programming has been implemented via a keyboard and LCD display.

NL19030	DSC30 USB interface - DMX stand alone						
Data In	Data Out	DMX ch.	Scenes	Driver	Data cable	L x W x H (mm)	Weight (kg)
USB	DMX	2x512 stand alone	255	5-5,5Vdc - 300mA excl.	DMX 2m/XLR + USB	80x40x90	0,7
USB	DMX	2x512 live	255	5-5,5Vdc - 300mA excl.	DMX 2m/XLR + USB	80x40x90	0,7
NL19031	5Vdc 300mA plug-in power supply Mini-USB						
NL7833	50cm cable with HE10 connector for keyboard (optional)						

Standard USB-DMX "Stand Alone" interface (512 channels, real-time clock, Local use), software, USB cable.Live mode with a computer; Stand Alone mode. Scenes can be triggered in sequential or using external push-buttons to trigger for instance 8 Scenes. Upon request: connection to external keyboard or to domotics Systems. Needs an external power supply for the Stand Alone mode. Upon request: connection to external keyboard or to domotics Systems.

NL19081	DSC60 USB/Ethernet Interface						
Data In	Data Out	DMX ch.	Scenes	Driver	Data cable	L x W x H (mm)	Weight (kg)
Ethernet	DMX	2x512	250	5-5,5Vdc - 300mA excl.	DMX 2m/XLR + Ethernet	80x40x90	0,7
NL19031	5Vdc 300mA plug-in power supply Mini-USB						

Standard USB and Ethernet DMX "Stand Alone" Interface (2x512 channels), with software, USB cable, 3 DMX 512 universes in live mode with a computer (not included); 2 DMX512 universes in stand-alone mode. Micro sd-card memory for stand-alone use, 8 dry contact trigger ports via HE10 connector (upon request). Clock & calendar function. Stand-alone mode with 5 areas and 250 scenes. WIFI remote control option with smart phone/tablet (IOS, ANDROID, Windows, Linux) to trigger scene. Simply connect to your wireless local network, the WIFI remote control app will automatically find the interface and allow you to control it. A second application, compatible with any IOS and ANDROID smart phones or tablets, allows you to easily create or change the lighting surroundings in each area. In just a few steps, you'll be able to take control of all your DMX fixtures in live, or Stand Alone mode. The simple application can be used by just about everyone in any situation. The interface needs an external power supply for the Stand Alone mode.

NL19080	DSC70 USB Glass Touch Sensitive Control Keypad						
Data In	Data Out	DMX ch.	Scenes	Driver	Data cable	L x W x H (mm)	Weight (kg)
USB	DMX	512	99	5-12Vdc - 300mA excl.	RJ45 + USB	110x86x10	0,2
NL19083	5Vdc 300mA plug-in power supply						

Thanks to the "All-in-One" technology, the DSC70 includes a high-tech keypad, stand-alone memory storage and a powerful DMX512 lighting software package. It offers the best solution for projects requiring a large amount of scenes along with an uncluttered and intuitive interface. The computer programmable, flat wall mounted lighting controller is ideal for LED, RGB & DMX lighting and capable of playing up to 99 scenes, each of which can be modified by touching the mode button to change the dimmer and color. The LED display makes it easy to tell which scene number is playing. The wall panel allows it to be mounted on any single gang wall socket around the world. Large memory capacity, 4 touch sensitive buttons, glass wall-mounted DMX controller. Micro-USB for programming. For PC, Mac & Tablet with USB. 32bit RM technology, software included. Stand alone operation. Ready to use (pre-loaded). The interface needs an external power supply which can be placed in the gang wall socket.

NL110540	DSC50 USB interface - DMX stand alone						
Data In	Data Out	DMX ch.	Scenes	Driver	Data cable	L x W x H (mm)	Weight (kg)
USB	DMX	512	512	USB	2m/XLR	78x48x28	1,0

The DSC50 permits synchronisation of light scenario with audio signal by means of the specific interface. This feature makes it ideal for all installations where light must act together with the soundtrack. Up to 60 DMX512 interfaces can be connected to a single USB host controller without having any frame rate loss, for a maximum of 30720 DMX channels. Available with advanced Light Control Software, can be fully synchronised per DMX-IN, Art-Net Remote, Remote HTTP, MIDI and Touch Screen.

Attention: The DMX controller is not required with just one LED-Driver.

LED Drivers

LED Driver NLX IP40

Code	Description	P (W)	V_{in}	V_{out} (Vdc)	L x W x H (mm)	Weight (kg)
NL19050	NLX 2-50	50	100-240 **Vac**	24	270x200x80	1,4
NL75190	NLX 2-75	75	100-240 **Vac**	24	270x200x80	1,4
NL19084	NLX 1-75	75	12-24 Vdc	12-24	153x50x23	0,2
NL82030	NLX 2-100	100	100-240 **Vac**	24	270x240x85	2,0
NL80220	NLX 2-150	150	100-240 **Vac**	24	270x240x85	2,0

LED Driver NLX IP65

Code	Description	P (W)	V_{in}	V_{out} (Vdc)	L x W x H (mm)	Weight (kg)
NL81260	NLX 2-70	70	100-240	24	280x210x80	2,0
NL84100	NLX 2-100	100	100-240	24	280x210x80	2,0
NL77270	NLX 2-150	150	100-240	24	280x210x80	2,0

PWM Driver for LED units with pre-installed colour-programmes for an independent stand-alone Mode or operation through the DMX512 protocol. The DMX interface allows lighting systems of any size and can be easily integrated with domotic Systems.

LED Driver NLX with push button stop control IP40

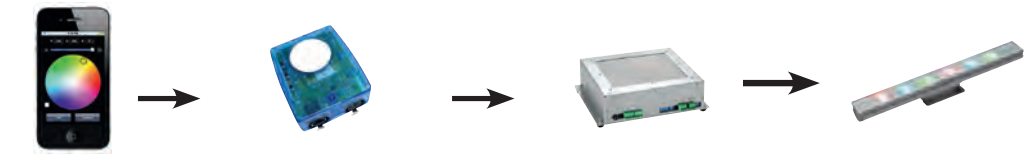
Code	Description	P (W)	V_{in}	L x W x H (mm)	Weight (kg)
NL19051	NLX 2-50	50	100-240	270x200x80	1,4
NL81910	NLX 2-75	75	100-240	270x200x80	1,4
NL80210	NLX 2-100	100	100-240	270x240x85	2,0
NL80510	NLX 2-150	150	100-240	270x240x85	2,0

PWM Driver for LED units with pre-installed colour programmes for an independent stand-alone mode. With a remote push-button it is possible to switch ON/OFF, freeze or reactivate colour sequences. Function with DMX-Controller disabled.

Max distance between LED driver and RGB products.

Fixture	Max distance from driver	Fixture	Max distance from driver
Spike IP40 RGB	20m	Riga Plus RGB	20m
Spike IP40 RGB Incasso	20m	Ego Mini 15 RGB	20m
Spike IP65 RGB	20m	Ego 72 RGB	20m
SuperSpike RGB	20m	Ego 72 Spot RGB	20m
Label Light IP65 RGB	20m	Starled RGB	20m
Riga RGB	20m		

Example of Wi-Fi control of the RGB system



App/Android
iPod touch / iPhone

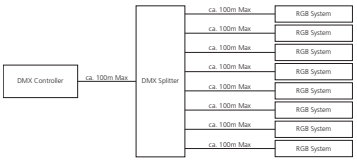
Wi-Fi Network with DSC60 and DCS70
Art-Net to DMX converter directly wired
via ethernet to a Wi-Fi Router

LED-Driver DMX compatible equipment

Special devices for projects

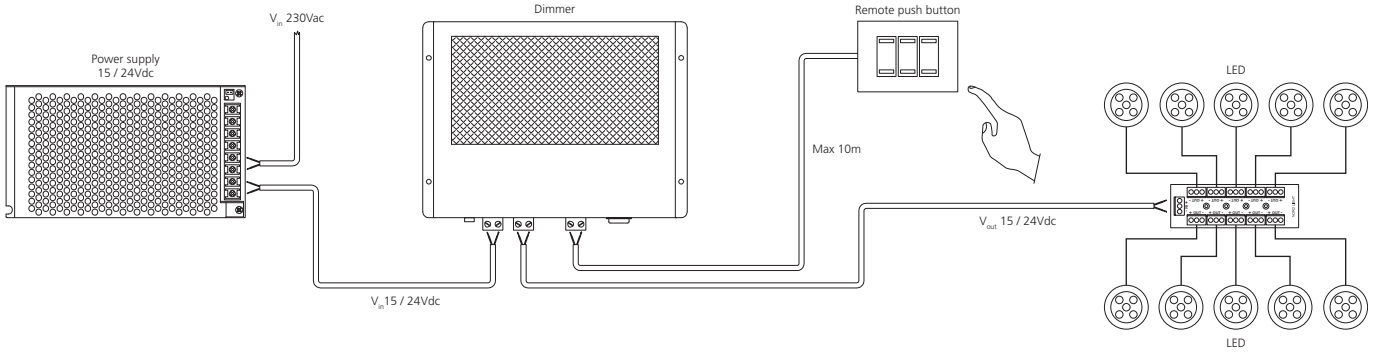
Code	Description
NL78070	Splitter DMX 1 in to 8 out

Device in order to realize star wiring between Systems driver RGB and controller DMX. 1 cable 250cm/XLR female + 8 cables 250cm/XLR male incl. Standard Rack 482 x 44 x 128mm 90-240Vac.



Push button dimmers

Dimmer
This product contains the dimming circuit and can be used to dim any Artemide product. The dimming circuit must be used in conjunction with the drivers with appropriate constant current (Volt=12/15/24Vdc page 317).



Code	Description	Signal	V (Vdc)	I (A)	P (W)	L (mm)	W (mm)	H (mm)
NL19008	Dimmer 6A 12Vdc push button DIN rail	Push button	12	6	72	52	95	90
NL11478	Dimmer 8A 12Vdc push button + box	Push button	12	8	96	180	110	80
NL19012	Dimmer 10A 12Vdc push button + box	Push button	12	10	120	220	165	80
NL19009	Dimmer 6A 15Vdc push button DIN rail	Push button	15	6	90	52	95	90
NL19011	Dimmer 8A 15Vdc push button + box	Push button	15	8	120	180	110	80
NL59250	Dimmer 10A 15Vdc push button + box	Push button	15	10	150	220	165	80
NL19010	Dimmer 6A 24Vdc push button DIN rail	Push button	24	6	144	52	95	90
NL10763	Dimmer 8A 24Vdc push button + box	Push button	24	8	192	180	110	80
NL59240	Dimmer 10A 24Vdc push button + box	Push button	24	10	240	220	165	80

The Artemide technical office specialises in the planning and realization of lighting control systems. A domotic system is tipically consists of:
• control module 0-10V (chosen by the client)
• dimmer for domotic system
• constant current driver for domotic system

V 0-10V dimming signal

Code	Description	Signal	V (Vdc)	I (A)	P (W)	L (mm)	W (mm)	H (mm)
NL19013	Dimmer 6A 12Vdc 0-10V DIN rail	0-10V	12	6	72	52	95	90
NL19015	Dimmer 8A 12Vdc 0-10V + box	0-10V	12	8	96	180	110	80
NL19018	Dimmer 10A 12Vdc 0-10V + box	0-10V	12	10	120	220	165	80
NL19014	Dimmer 6A 15Vdc 0-10V DIN rail	0-10V	15	6	90	52	95	90
NL19016	Dimmer 8A 15Vdc 0-10V + box	0-10V	15	8	120	180	110	80
NL58980	Dimmer 10A 15Vdc 0-10V + box	0-10V	15	10	150	220	165	80
NL84070	Dimmer 6A 24Vdc 0-10V DIN rail	0-10V	24	6	144	52	95	90
NL19017	Dimmer 8A 24Vdc 0-10V + box	0-10V	24	8	192	180	110	80
NL58960	Dimmer 10A 24Vdc 0-10V + box	0-10V	24	10	240	220	165	80

Dimmer with potentiometer

Code	Description	Signal	V (Vdc)	I (A)	P (W)	L (mm)	W (mm)	H (mm)
NL19003	Dimmer 8A 12Vdc + box	Potentiometer	12	8	96	180	110	80
NL19005	Dimmer 10A 12Vdc + box	Potentiometer	12	10	120	220	165	80
NL19004	Dimmer 8A 15Vdc + box	Potentiometer	15	8	120	180	110	80
NL19006	Dimmer 10A 15Vdc + box	Potentiometer	15	10	150	220	165	80
NL18001	Dimmer 8A 24Vdc + box	Potentiometer	24	8	192	180	110	80
NL19007	Dimmer 10A 24Vdc + box	Potentiometer	24	10	240	220	165	80

Dimmer DALI/Push

Code	Description	Signal	V (Vdc)	I (A)	P (W)	L (mm)	W (mm)	H (mm)	
NL19090	Dimmer DALI	DALI	10-24	5	120 max	172	42	20	IP20
NL19096	Dimmer Master	DALI	12-24	12	288 max	156	52	26	IP20
NL19097	Dimmer SLAVE + NL19096	DALI	12-24	12	288 max	156	52	26	IP20

Presence and brightness sensors

Room in use.
Operation with movement detector and daylight control.

To complement the standard versions with or without a dimmer, Artemide Architectural is showcasing the Interactive-Dali, a system that combines personalised control of lighting, ensuring optimum convenience of use, and automatic management of the switching on and off cycles for a rational use of energy.

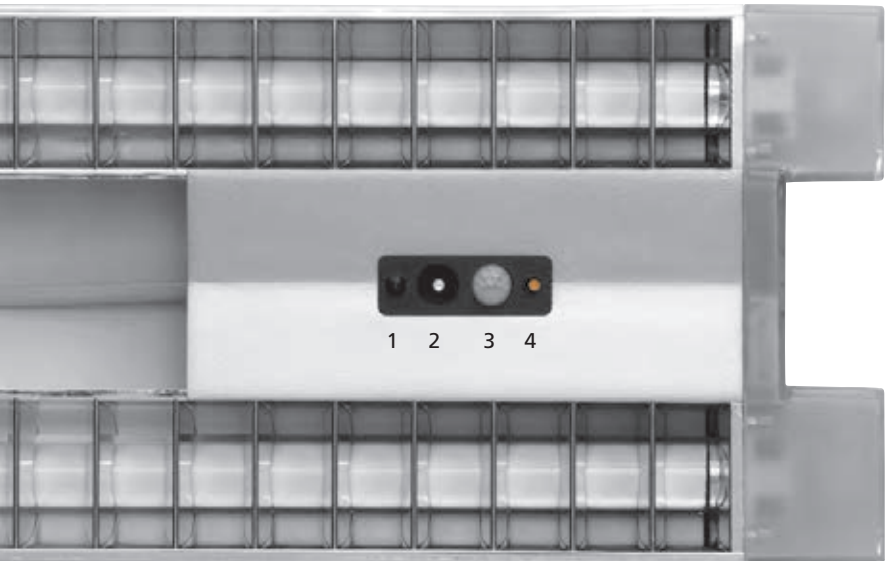
Multiple operating situations can be set due to the integration of interactive and adjustable electronic components, such as a movement detector, ambient light sensor and infrared receiver.
With Interactive-Dali, lighting is activated automatically when the room is in use and there is not enough natural light.

Empty room.
Timed lowering of light intensity.

Depending on personal characteristics (clearness of vision, required concentration, possible tiredness, etc.), or the nature of the activities being carried out (personal work, meeting, video projection, etc.), the user can optimise the comfort level by regulating the amount of light,< simply by using a switch or an optional remote control. After this simple setting, the system will automatically manage the operation of the device to keep the amount of light constant according to the daylight.

When the room is not being used, the light is automatically lowered and then switched off by a programmable timer.

Empty room.
Complete switch off.



1 Infrared detector.
2 Daylight sensor.
3 Movement detector.
4 Service button
(for programme selection).

Interactive-Dali technology is used in stand-alone devices, in some devices belonging to the same family connected to each other or to external Interactive-Dali components (such as a supplementary movement detector).No interconnection is therefore required to a Dali system already in the room.

Main advantages
High level of personalised operation."Plug and play" connection without the need to change the existing electrical system.Option to manage up to ten devices, which may be divided into two groups.Energy savings will bring a return on the investment.

Interactive Dali Devices

The master module (fitted with the Interactive-Dali system) can be connected to up to 10 other dimmable Dali devices. It is operated by an Interactive-Dali remote control or an external or integrated button.

Dali Devices

For products with a Dimmable-Dali power supply unit, an external Interactive-Dali kit can be used, which can be fitted into the ceiling. This kit can control up to 11 Dali devices (slave modules). It is operated by an Interactive-Dali remote control or button.

Interactive-Dali components	
	Code
Interactive-Dali kit, Ø86mm, white, recessed. Can be connected to up to 11 dimmable Dali units. It is operated by an Interactive-Dali remote control or button. ⌀72 mm	M074030
Supplementary movement detector white, recessed. For use when the area to be covered is greater than 6.00 x 5.00m x h 2.5m. To be connected to one of the outputs of the Interactive-Dali control module. No further connections are needed. ⌀64 mm	M074130
Interactive-Dali remote control.	M104900

Codes index

1532010A **836** L171520 **107** L596850 **242** M004305 **870** M016931 **551** M018840 **537** M020140 **553** M029500 **154**
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M057080	**55**	M070522	**138**	M083937	**98**	M107627	**512**	M133600	**276**	M140950	**72**	M142251	**77**	M155101	**466**
M057381	**60**	M070622	**273**	M090020	**472**	M107690	**512**	M133700	**276**	M140951	**72**	M142281	**77**	M155107	**466**
M057383	**60**	M071232	**525**	M090090	**472**	M107691	**512**	M135200	**276**	M140980	**72**	M142311	**77**	M155600	**466**
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M057600	**45**	M073240	**339**	M090290	**473**	M107820	**512**	M135321	**506**	M141020	**72**	M146200	**330**	M156300	**466**
M057781	**37**	M074030	**473**	M090320	**473**	M107821	**512**	M135410	**507**	M141021	**72**	M146201	**330**	M156400	**466**
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Codes index

M166990 **494**
M166991 **494**
M167020 **494**
M167021 **494**
M167090 **494**
M167091 **494**
M167120 **495**
M167121 **495**
M167190 **495**
M167191 **495**
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M167221 **495**
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M167820 **482**
M167821 **482**
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M168026 **482**
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M168099 **482**
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M168420 **486**
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M168426 **486**
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M170407 **142**
M170500 **142**
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M170900 **142**
M171800 **142**
M171801 **142**
M171900 **142**
M171901 **142**
M171907 **142**
M172000 **142**
M172001 **142**
M174220 **556**
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M181490 **497**
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M181521 **497**
M181590 **497**
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M181860 **371**
M182060 **144**
M182160 **144**
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M182310 **145**
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M182510 **145**
M182700 **144**
M182800 **144**
M183060 **145**
M183160 **145**
M183260 **145**
M186700 **333**
M186800 **338**
M187300 **333**
M188100 **331**
M188200 **331**
M188500 **335**
M188600 **335**
M188820 **327**
M188860 **327**
M189000 **327**
M189100 **327**
M189200 **327**
M189300 **327**
M194320 **371**
M194360 **371**
M194500 **371**
M194620 **371**
M194660 **371**
M194700 **371**
M194800 **371**
M194900 **371**
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M236663	**96**	M242000	**224**	M244940	**534**	M247620	**546**	M249221	**550**	M250961	**552**	M253620	**201**	M256025	**204**
M236733	**96**	M242001	**224**	M244960	**534**	M247630	**546**	M249231	**550**	M251020	**200**	M253625	**201**	M256060	**204**
M236743	**96**	M242100	**224**	M245010	**186**	M247640	**546**	M249241	**550**	M251025	**200**	M253715	**201**	M256065	**204**
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M236833	**96**	M242200	**224**	M245060	**186**	M247710	**546**	M249311	**550**	M251125	**200**	M253725	**201**	M256125	**204**
M236843	**96**	M242201	**224**	M245110	**186**	M247720	**546**	M249321	**550**	M251220	**200**	M253820	**201**	M256160	**204**
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M237033	**96**	M242500	**222**	M245260	**186**	M247820	**546**	M249420	**524**	M251425	**200**	M254015	**201**	M256265	**204**
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M237163	**96**	M242701	**222**	M245420	**186**	M247920	**546**	M249530	**524**	M251620	**200**	M254110	**201**	M256420	**204**
M237233	**96**	M243220	**236**	M245460	**186**	M247930	**546**	M249540	**524**	M251625	**200**	M254115	**201**	M256425	**204**
M237243	**96**	M243221	**236**	M245510	**186**	M247940	**546**	M249611	**548**	M251660	**200**	M254120	**201**	M256460	**204**
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M237343	**96**	M243320	**236**	M245610	**186**	M248021	**541**	M249641	**548**	M251715	**200**	M254165	**201**	M256525	**204**
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Codes index

M256565 **204** M259805 **206** M263165 **211** M274025 **201** M279025 **200** M284420 **121** M2889N21 **352** M2900W21 **386**
M256620 **204** M259900 **206** M263220 **211** M274110 **201** M279110 **200** M284510 **121** M2889N60 **352** M2900W60 **386**
M256625 **204** M259905 **206** M263225 **211** M274115 **201** M279115 **200** M284520 **121** M2889N61 **352** M2900W61 **386**
M256660 **204** M260000 **206** M263260 **211** M274120 **201** M279120 **200** M284610 **121** M2889W20 **352** M2901N20 **386**
M256665 **204** M260005 **206** M263265 **211** M274125 **201** M279125 **200** M284620 **121** M2889W21 **352** M2901N21 **386**
M256720 **204** M260100 **206** M263320 **211** M274200 **201** M279200 **200** M284710 **121** M2889W60 **352** M2901N60 **386**
M256725 **204** M260105 **206** M263325 **211** M274205 **201** M279205 **200** M284720 **121** M2889W61 **352** M2901N61 **386**
M256760 **204** M260200 **206** M263360 **211** M274300 **201** M279300 **200** M285007 **123** M2890N20 **352** M2901W20 **386**
M256765 **204** M260205 **206** M263365 **211** M274305 **201** M279305 **200** M285107 **123** M2890N21 **352** M2901W21 **386**
M257000 **206** M260300 **206** M263420 **211** M274400 **201** M279400 **200** M285207 **123** M2890N60 **352** M2901W60 **386**
M257005 **206** M260305 **206** M263425 **211** M274405 **201** M279405 **200** M285307 **127** M2890N61 **352** M2901W61 **386**
M257100 **206** M260620 **201** M263460 **211** M274500 **201** M279500 **200** M286020 **206** M2890W20 **352** M2902N20 **386**
M257105 **206** M260625 **201** M263465 **211** M274505 **201** M279505 **200** M286060 **206** M2890W21 **352** M2902N21 **386**
M257200 **206** M260660 **201** M263520 **211** M274600 **201** M279600 **200** M286120 **206** M2890W60 **352** M2902N60 **386**
M257205 **206** M260665 **201** M263525 **211** M274605 **201** M279605 **200** M286160 **206** M2890W61 **352** M2902N61 **386**
M257300 **206** M260720 **201** M263560 **211** M274700 **201** M279700 **200** M286220 **213** M2891N20 **352** M2902W20 **386**
M257305 **206** M260725 **201** M263565 **211** M274705 **201** M279705 **200** M286260 **213** M2891N21 **352** M2902W21 **386**
M257400 **206** M260760 **201** M263620 **211** M274800 **212** M280015 **128** M286320 **213** M2891N60 **352** M2902W60 **386**
M257405 **206** M260765 **201** M263625 **211** M274900 **212** M280025 **128** M286360 **213** M2891N61 **352** M2902W61 **386**
M257500 **206** M260820 **201** M263660 **211** M275615 **122** M280115 **128** M2864W21 **134** M2891W20 **352** M2903N20 **386**
M257505 **206** M260825 **201** M263665 **211** M275625 **122** M280125 **128** M2865W21 **134** M2891W21 **352** M2903N21 **386**
M257600 **206** M260860 **201** M263720 **211** M275715 **122** M280215 **128** M2866W21 **134** M2891W60 **352** M2903N60 **386**
M257605 **206** M260865 **201** M263725 **211** M275725 **122** M280225 **128** M2867W21 **134** M2891W61 **352** M2903N61 **386**
M257700 **206** M260920 **201** M263760 **211** M276015 **122** M280315 **128** M2868W21 **134** M2892N20 **353** M2903W20 **386**
M257705 **206** M260925 **201** M263765 **211** M276025 **122** M280325 **128** M2869W21 **134** M2892N21 **353** M2903W21 **386**
M257800 **206** M260960 **201** M264020 **211** M276115 **122** M280415 **128** M2870W21 **135** M2892N60 **353** M2903W60 **386**
M257805 **206** M260965 **201** M264025 **211** M276125 **122** M280425 **128** M2871W21 **135** M2892N61 **353** M2903W61 **386**
M257900 **206** M261020 **201** M264060 **211** M276215 **126** M280515 **128** M2872W21 **135** M2892W20 **353** M2904N20 **386**
M257905 **206** M261025 **201** M264065 **211** M276225 **126** M280525 **128** M2873W01 **134** M2892W21 **353** M2904N21 **386**
M258220 **205** M261060 **201** M264120 **211** M276315 **126** M280615 **130** M2874W01 **134** M2892W60 **353** M2904N60 **386**
M258225 **205** M261065 **201** M264125 **211** M276325 **126** M280625 **130** M2875W01 **134** M2892W61 **353** M2904N61 **386**
M258260 **205** M261120 **201** M264160 **211** M276415 **126** M280715 **130** M2876W01 **134** M2893N20 **353** M2904W20 **386**
M258265 **205** M261125 **201** M264165 **211** M276425 **126** M280725 **130** M2877W01 **134** M2893N21 **353** M2904W21 **386**
M258320 **205** M261160 **201** M264200 **212** M276515 **126** M280815 **130** M2878W01 **134** M2893N60 **353** M2904W60 **386**
M258325 **205** M261165 **201** M264205 **212** M276525 **126** M280825 **130** M2879W01 **135** M2893N61 **353** M2904W61 **386**
M258360 **205** M261220 **201** M264300 **212** M277215 **124** M280900 **120** M2880W01 **135** M2893W20 **353** M2905N20 **386**
M258365 **205** M261225 **201** M264305 **212** M277225 **124** M281000 **120** M2881W01 **135** M2893W21 **353** M2905N21 **386**
M258420 **205** M261260 **201** M264400 **212** M277415 **124** M281735 **123** M2882N00 **333** M2893W60 **353** M2905N60 **386**
M258425 **205** M261265 **201** M264405 **212** M277425 **124** M281745 **123** M2882N01 **333** M2893W61 **353** M2905N61 **386**
M258460 **205** M261320 **201** M264500 **212** M277515 **124** M281755 **123** M2882W00 **333** M2894N20 **353** M2905W20 **386**
M258465 **205** M261325 **201** M264505 **212** M277525 **124** M281807 **125** M2882W01 **333** M2894N21 **353** M2905W21 **386**
M258520 **205** M261360 **201** M264600 **212** M277615 **124** M281907 **125** M2883N00 **333** M2894N60 **353** M2905W60 **386**
M258525 **205** M261365 **201** M264605 **212** M277625 **124** M282007 **125** M2883N01 **333** M2894N61 **353** M2905W61 **386**
M258560 **205** M261620 **201** M264700 **212** M277815 **124** M282100 **125** M2883W00 **333** M2894W20 **353** M3000N61 **434**
M258565 **205** M261625 **201** M264705 **212** M277825 **124** M282235 **127** M2883W01 **333** M2894W21 **353** M3000W61 **434**
M258620 **205** M261660 **201** M264800 **212** M277915 **124** M282307 **129** M2884N00 **333** M2894W60 **353** M3001N61 **430**
M258625 **205** M261665 **201** M264805 **212** M277925 **124** M282407 **129** M2884N01 **333** M2894W61 **353** M3001W61 **430**
M258660 **205** M261720 **201** M264900 **212** M278033 **100** M282710 **120** M2884W00 **333** M2895N20 **353** M3002N61 **434**
M258665 **205** M261725 **201** M264905 **212** M278043 **100** M282720 **120** M2884W01 **333** M2895N21 **353** M3002W61 **434**
M258720 **205** M261760 **201** M265000 **212** M278063 **100** M282730 **120** M2885N00 **333** M2895N60 **353** M3003N61 **430**
M258725 **205** M261765 **201** M265005 **212** M278133 **100** M282750 **120** M2885N01 **333** M2895N61 **353** M3003W61 **430**
M258760 **205** M261800 **212** M265100 **212** M278143 **100** M282810 **120** M2885W00 **333** M2895W20 **353** M3004N61 **430**
M258765 **205** M261805 **212** M265105 **212** M278163 **100** M282820 **120** M2885W01 **333** M2895W21 **353** M3004W61 **430**
M258820 **205** M261900 **212** M265200 **212** M278233 **100** M282830 **120** M2886N20 **352** M2895W60 **353** M300591 **431**
M258825 **205** M261905 **212** M265205 **212** M278243 **100** M282850 **120** M2886N21 **352** M2895W61 **353** M300691 **431**
M258860 **205** M262000 **212** M265300 **212** M278263 **100** M282910 **120** M2886N60 **352** M2896N20 **353** M300791 **431**
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M258920 **205** M262100 **212** M273400 **206** M278343 **100** M282930 **120** M2886W20 **352** M2896N60 **353** M300900 **435**
M258925 **205** M262105 **212** M273500 **206** M278363 **100** M282950 **120** M2886W21 **352** M2896N61 **353** M301000 **435**
M258960 **205** M262200 **212** M273610 **201** M278610 **200** M283110 **120** M2886W60 **352** M2896W20 **353** M301010 **435**
M258965 **205** M262205 **212** M273615 **201** M278615 **200** M283120 **120** M2886W61 **352** M2896W21 **353** M301020 **435**
M259020 **205** M262300 **212** M273620 **201** M278620 **200** M283130 **120** M2887N20 **352** M2896W60 **353** M301030 **435**
M259025 **205** M262305 **212** M273625 **201** M278625 **200** M283150 **120** M2887N21 **352** M2896W61 **353** M301040 **435**
M259060 **205** M262400 **212** M273710 **201** M278710 **200** M283210 **120** M2887N60 **352** M2897N20 **353** M301050 **435**
M259065 **205** M262405 **212** M273715 **201** M278715 **200** M283220 **120** M2887N61 **352** M2897N21 **353** M301100 **431**
M259120 **205** M262500 **212** M273720 **201** M278720 **200** M283230 **120** M2887W20 **352** M2897N60 **353** M301110 **431**
M259125 **205** M262505 **212** M273725 **201** M278725 **200** M283250 **120** M2887W21 **352** M2897N61 **353** M301120 **431**
M259160 **205** M262600 **212** M273810 **201** M278810 **200** M283310 **120** M2887W60 **352** M2897W20 **353** M301130 **431**
M259165 **205** M262605 **212** M273815 **201** M278815 **200** M283320 **120** M2887W61 **352** M2897W21 **353** M301140 **431**
M259400 **206** M262700 **212** M273820 **201** M278820 **200** M283330 **120** M2888N20 **352** M2897W60 **353** M301150 **431**
M259405 **206** M262705 **212** M273825 **201** M278825 **200** M283350 **120** M2888N21 **352** M2897W61 **353** M301200 **431**
M259500 **206** M263020 **211** M273910 **201** M278910 **200** M284110 **121** M2888N60 **352** M289800 **376** M301210 **431**
M259505 **206** M263025 **211** M273915 **201** M278915 **200** M284120 **121** M2888N61 **352** M289900 **376** M301220 **431**
M259600 **206** M263060 **211** M273920 **201** M278920 **200** M284210 **121** M2888W20 **352** M2900N20 **386** M301230 **431**
M259605 **206** M263065 **211** M273925 **201** M278925 **200** M284220 **121** M2888W21 **352** M2900N21 **386** M301240 **431**
M259700 **206** M263120 **211** M274010 **201** M279010 **200** M284310 **121** M2888W60 **352** M2900N60 **386** M301250 **431**
M259705 **206** M263125 **211** M274015 **201** M279015 **200** M284320 **121** M2888W61 **352** M2900N61 **386** M301300 **431**
M259800 **206** M263160 **211** M274020 **201** M279020 **200** M284410 **121** M2889N20 **352** M2900W20 **386** M301310 **431**

M301320 431
M301330 431
M301340 431
M301350 431
M301400 431
M301410 431
M301420 431
M301430 431
M301440 431
M301450 431
M301500 431
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M301620 435
M301630 435
M301640 435
M301650 435
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M3050W21 417
M3050W61 417
M3051N21 416
M3051N61 416
M3051W21 416
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M305220 416
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M305420 416
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M305521 416
M305621 416
M305721 416
M305821 416
M305921 416
M3072W00 395
M3072W20 395
M3075W00 394
M3075W20 394
M3082W00 395
M3082W20 395
M3085W00 394
M3085W20 394
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M3100N91 406
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M3106W51 409
M3106W91 409
M3107N21 409
M3107N51 409
M3107N91 409
M3107W21 409
M3107W51 409
M3107W91 407
M310820 407
M310850 407
M310890 407
M310920 409
M310950 409
M310990 409
M3200N21 440
M3200N31 440
M3200N41 440
M3200N61 440
M3200W21 440
M3200W31 440
M3200W41 440
M3200W61 440
M3201N21 440
M3201N31 440
M3201N41 440
M3201N61 440
M3201W21 440
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M3201W41 440
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M3204W41 441
M3204W61 441
NL10763 880
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NL10964 755
NL11022 874
NL11027 676
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NL110540 878
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NL11103 876
NL11104 876
NL11106 876
NL11107 876
NL11108 876
NL11478 880
NL132202 584
NL17032VTK0 653
NL17032VTK1 653
NL17032VTW0 653
NL17032VTW1 653
NL170330 653
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NL17034VTW1 653
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NL1707210W0 627
NL1707225K0 627
NL1707225W0 627
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NL1707510C 627
NL1707525C 627
NL17075ELC 627
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NL1708610K002 283
NL1708610K003 283
NL1708610K006 283
NL1708610W002 283
NL1708610W003 283
NL1708610W006 283
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Codes index

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Artemide

ASIA - OCEANIA

Headquarters
Artemide S.p.A.
Via Bergamo, 18
20010 Pregnana Milanese (MI), Italy
Tel. +39 02 93518.1 - 93526.1
Numero verde 800 834 093
(from Italy only)
info@artemide.com
www.artemide.com

Communication and Marketing Department
Via Canova, 34
20145 Milan (MI), Italy
Tel. +39 02.349611
communication@artemide.com
www.artemide.com

Architectural division
Artemide Architectural S.A.S.
Z.I. du Breuil
18400 Saint Florent sur Cher, France
Tel. +33 02 48 23 99 00

Australia
Head office and Showroom:
Adelaide
Ornare Imports Pty. Ltd.
28 Fullarton Rd, Norwood SA 5067
Tel. +61 08 8362 3029
info@artemide.com.au
www.artemide.com.au

Office and Showrooms:
Sydney
504-508 Cleveland St
Surry Hills NSW 2010
Tel. +61 02 9699 8472
sydney@artemide.com.au

Melbourne
46-48 Rayhdowne St
Carlton VIC 3053
Tel. +61 03 9349 3310
melbourne@artemide.com.au

China
Head office:
Artemide Trading (Shanghai) Co., Ltd.
Room 1907, 19/F, New Hualian Mansion, East Wing, 755 Middle Huai Hai Road, Huang Pu District, Shanghai
Tel. +86 21 6448 3650
info@artemide.cn

Affiliated Showrooms:
Beijing
Unit B245, Cofco Plaza,
No. 8 Jianguomennei Street,
Dongcheng District, Beijing
Tel. +86 10 8511 8718

Unit 1-B-20, International Furniture Hall, Easy Home, No. 65 North 4th Ring Road, Chaoyang District, Beijing
Tel. +86 10 8463 6098

Hong Kong and Macao
Head Office:
Artemide Ltd.
Unit 1303, 13/F, Ruttonjee House
Ruttonjee Centre, 11 Duddell Street
Central, Hong Kong
Tel. +852 2523 0050
info@artemide.com.hk

Showroom:
Shop 102-103, Ruttonjee Centre,
11 Duddell Street, Central, Hong Kong
Tel. +852 2523 0333

India
Head office:
Artemide Lighting India Pvt. Ltd.
Unit no 5, 2nd floor
Raghuvanshi Mansion
Raghuvanshi Mills Compound
Senapati Bapat Marg, lower parel
Maharashtra, Mumbai 400013
Tel. +91 22 61774800
info@artemide.in

Indonesia
Representative Office:
Artemide Ltd.
Tel. +852 2523 0050
info@artemide.com.hk

Japan
Head office:
Artemide Japan K.K.
#2013 1-41-7 Tomigaya Shibuya-ku,
151-0063 Tokyo Japan
Tel. +81 3 5738 7410
info@artemide.co.jp

Malaysia
Distributor:
Lightcraft (KL) Sdn Bhd
145-5&6, Jalan Sungai Besi,
57100 Kuala Lumpur, Malaysia
Tel. +603 9222 4219
info@lightcraft.com.my

New Zealand
Distributor:
ECC Lighting
39 Nugent Street, Grafton, Auckland PO Box 391, Auckland 1140
Tel. +64 9 379 9680
info@ecc.co.nz

Philippines
Representative Office:
Artemide Ltd.
Tel. +852 2523 0050
info@artemide.com.hk

Singapore
Distributor:
Million Lighting Co Pte Ltd
203 Kallang Bahru, Singapore 339340
Tel. +65 6743 2033
enquiry@millionlighting.com

South Korea
Distributor:
Duomo & Co.
727, Nonhyun-ro, Gangnam-gu
Seoul, Korea
Tel. +82 2 512 5828

Thailand
Representative Office:
Artemide Ltd.
Tel. +852 2523 0050
info@artemide.com.hk

Taiwan
Distributor:
Bravocasa Co., Ltd.
3F, No. 8 Chongqing Road
Banqiao Dist., New Taipei City 220
Taiwan (R.O.C.)
Tel. +886 2 2963 0229
sonya@bravocasa.com.tw
www.bravocasa.com.tw

Vietnam
Distributor:
Cao Tran Co., Ltd
23 Tran Phu, P.4-Q.5
Ho Chi Minh City, Vietnam
Tel. 84.8 3833 3334
Fax: 84.8 3833 3337
caotran@cara.com.vn
www.cara.com.vn

AFRICA

Angola
Representative Office:
Artemide Middle East
info@artemide.ae

Egypt
Representative Office:
Artemide Middle East
info@artemide.ae

Morocco
Distributor:
Arrakis Sarl, Villa N° 4 Rue Oum Kaltoum 20 000 Casablanca
Tel. +212 (0) 522949947
contact@arrakis-lighting.com

Nigeria
Representative Office:
Artemide Middle East
info@artemide.ae

South Africa
Representative Office:
Artemide Middle East
info@artemide.ae

Tunisia:
Representative Office:
Artemide Middle East
info@artemide.ae

EUROPE

Albania
Principal dealer:
A Bi Esse
Superstrada Tirane-Durres km 6
Yrshek, Tirane
Tel. +355 48 200416
info@abiesse.al

Austria
Head office and Showroom:
Artemide Handelsgesellschaft mbH
Gonzagagasse 1 / Morzinplatz
1010 Wien
Tel. +43 01 803 21 82
info@artemide.at

Azerbaijan
Principal dealer:
Studio 151
Port Baku Residence
Uzeyir Hacibeyov str. 151, 1001 Baku
Tel. +994 12 599 2040/41
studio151@office.az

Benelux (Belgium/Holland/Luxemburg)
Head office: Horas S.A.
Beemdstraat 25
1601 Ruisbroek, Belgium
Tel. +32 02 334 84 50
artemide_benelux@artemide.com

Brussels showroom and Lighting Consultancy Center:
Chaussée de Waterloo 410
1050 Brussels - Belgium
Tel. +32 02 534 03 67
artemide.brussels@skynet.be

Amsterdam showroom and Lighting Consultancy Center:
Hobbemakade 89,
1071 XR Amsterdam Holland
Tel. +31 20 4702668
artemide.amsterdam@artemide.nl

Bosnia and Herzegovina
Representative Office:
Artemide S.p.A.
Via Bergamo, 18
Tel. +39 02 93518.1 - 93526.1
info@artemide.com

Bulgaria
Representative Office:
Artemide S.p.A.
Via Bergamo, 18
Tel. +39 02 93518.1 - 93526.1
info@artemide.com

Czech Republic
Principal dealer:
Selene spol. s.r.o.
Neumannova 161, 383 01 Prachatice
Tel. +420 388 310 326
selene@iol.cz

Showroom:
Komunardu 32
Holesovice 17000 Praha 7

Showroom:
Sazavska 32
Vinohrady 120 000 Praha 2
Romania

Cyprus
Representative Office:
Artemide S.p.A.
Via Bergamo, 18
Tel. +39 02 93518.1 - 93526.1
info@artemide.com

Croatia
Representative Office:
Artemide S.p.A.
Via Bergamo, 18
Tel. +39 02 93518.1 - 93526.1
info@artemide.com

Estonia
Principal dealer
Laterna Magica
Kreutzwaldi 8, 10124 Tallin
Tel. +372 6466 994
info@laterna.ee

France
Head Office and Showroom:
Artemide France S.A.S.
52, avenue Daumesnil, 75012 Paris
Tel. +33 01 43 44 44 44
artemide@artemide.fr

Germany
Head office and Showroom:
Artemide GmbH
Hans-Böckler-Straße 2
58730 Fröndenberg
Tel. +49 02373 975.0
info@artemide.de

München Office:
Luise-Ullrich-Straße 20, 80636 München
Tel. +49 089/70065198
muenchen@artemide.de

Frankfurt Showroom:
Baseler Straße 10, 60329 Frankfurt
Tel. +49 069 3399 5690
frankfurt@artemide.de

Greece
Head office:
Artemide Hellas S.A.
34,Solonos St.
106 73 Athens
Tel. +30 210 3646770
e-mail: info@artemide.gr

North Greece Branch Offices & Showroom
92, G. Papandreou St.
546 65 Thessaloniki
Tel. +30 2310 403934
e-mail: thessaloniki@artemide.gr

Hungary
Representative Office:
Artemide Austria
Tel. +43 (0) 1 803 21 82-0
info@artemide.at

Ireland
Artemide GB Ltd.
Tel. +44 (0) 20/7631 5200
info@artemide.co.uk

Italy
Head office:
Artemide Italia s.r.l.
Via Bergamo 18
20010 Pregnana Milanese (MI)
Tel. +39 02 93518.1 - 93526.1
Numero Verde 800 834 093
info@artemide.com

Milano Lighting Consultancy Center:
Via Manzoni 12, 20121 Milano
Tel. +39 02 778712201 - 78712202
manzoni@artemide.com

Roma Lighting Consultancy Center:
Via Pisanelli 1, 00196 Roma
Tel. +39 06 94537550
pisanelli@artemide.com

Milano Monforte Showroom:
Corso Monforte 19, 20122 Milano
Tel. +39 02 76006930 - 794039
monforte@artemide.com

Milano Manzoni Showroom:
Via Manzoni 12, 20121 Milano
Tel. +39 02 778712201 - 78712202
manzoni@artemide.com

Milano Danese Showroom:
Piazza San Nazaro in Brolo 15,
20122 Milano
Tel. +39 02 58304150
showroomdanese@artemide.com

Roma Margutta Showroom:
Via Margutta 107, 00187 Roma
Tel. +39 06 36001802 - 36001808
margutta@artemide.com

Artemide

Kosovo
Principal dealer:
Light House Studio
Veternik nn, 1000 Prishtine
Tel. +386 (0) 43 733 333
info@lighthouse-kos.com

Latvia
Principal dealer
Trentini Group
Lacplesa iela 101, 1011 Riga
Tel. +371 678 70890
info@artemide.lv

Lithuania
Principal dealer
Delight LT UAB, Vytenyo 13
03112 Lituania
Tel. +370 5 2104218
info@delight.lt

Malta
Representative Office:
Artemide Italia s.r.l.
Tel. +39 02 93518.1 - 93526.1
info@artemide.com

Montenegro
Principal dealer:
Artefacto + Design Center
Bulevar Svetog Petra Cetinjskog, Ulica 2
81000 Podgorica
Tel. +382 20 220-597
info@artefactoplus.me

Poland
Head Office:
Artemide Dystrybucja Polska sp. z o.o.
Ul. Saperow 4, 82-300 Elblag
Tel. +48 55 236 11 85
info@liralighting.pl

Showroom:
Ul. Rydygiera 8, Warsaw

Portugal
Head office and Showroom:
Foton Illuminaçao Ltda
Rua da Garagem 3
2794-021 Carnaxide
Tel. +351 21 416-90-70
geral@foton.pt

Romania
Principal dealer:
Helios pls
Heliade intre Vii, nr 8, Etaj 2
023383 Bucarest

Russia
Head office:
Artemide Agency OOO
Bolshoj Zlatoustinskij Pereulok, Bldg 1, office 100, 101000 Moscow
Tel. +7 495 984 2238
info@artemide-agency.ru

Scandinavia
Head office & Showroom:
Artemide Scandinavia A/S
Skudehavnsvej 5 D-2100 Copenhagen, Denmark
Tel. +45 (0) 7020 1700
info@artemide.dk

Serbia
Representative Office:
Artemide S.p.A.
Via Bergamo, 18
Tel. +39 02 93518.1 - 93526.1
info@artemide.com

Slovakia
Principal dealer:
AKL s.r.o.
Vietnamská 45, 82104 Bratislava
Tel. +421 (0) 907 767 008
info@aklsro.sk

Slovenia
Principal dealer:
ARCADIA
Šmartinska 152 / hala E, 1000 Ljubljana
Tel. +386 (0) 1 423 30 25
Tel. +386 (0) 1 423 40 25
info@arcadia-svetila.si

Spain
Head office:
Artemide S.A.
C/Vico, 12-18 bajos, 08021 Barcelona
Tel. +34 093 478 3911
artemide@artemide.es

Switzerland
Head office and Showroom:
Artemide Illuminazione S.A.
Bärengasse 16, 8001 Zürich
Tel. +41 043 268 2727
info@artemide.ch

Turkey
Office and showroom:
Oztas Aydinlatma
Yskender Cad. ,24
34420 Istanbul - Sishane
Tel. +90 212 237 52 36
info@oztasaydinlatma.com

United Kingdom
Head office, Showroom and Lighting Consultancy Center:
Artemide GB Ltd.
106 Great Russell Street,
London WC1B 3NB
Tel. +44 (0) 20/7631 5200
info@artemide.co.uk

LATIN AMERICA

Argentina
Distributor:
Head Office & Showroom:
Edimetra S.A.
Paraguay 792 3° Piso
1057 Buenos Aires
Tel. +54 11 4312-2590
info@artemide.com.ar

Bolivia
Showroom:
Studio Tessuto
Local 103 - Urubó Business Center
Santa Cruz - Bolivia
Tel: +591 3 321 6313
info@studiotessuto.com

Brasil
Distributor:
Head Office & Showroom:
Cynthron
Rua do Rócio, 423 - 18° andar, Vila Olimpia
04552 000 - São Paulo - SP
Tel. +55 11 3846-8100
cynthron@cynthron.com.br

Chile
Showroom:
Interdesign
Isidora Goyenechea 3200
Las Condes, Santiago
Tel. 56-2 22314114
info@interdesign.cl

Dominican Republic
Distributor:
Head Office & Showroom
Spazio di Casa
Ave. Max Henriquez Ureña No.17
Ensanche Naco, Santo Domingo
Tel. +1 809.368.2001
info@spaziodicasa.com

Mexico
Distributor:
Head Office, Showroom & Customer Service
Scultura Luminosa
Suderman #246, Col. Chapultepec Morales
Mexico D.F. 11570
Tel. +52 55 5250 2661
info@artemide.mx

Panama
Showrooms:
Idea Design Center
Av. Samuel Lewis con Calle 59
Kenex plaza, Obarrio, Panama city,
Rep. de Panama
Tel. +507 216.90.67
info@ideapanama.com

Lumicentro
Ave. Justo Arosemena, Esquina Calle 33
Ave. Ecuador. Edificio Lumicentro
Apartado 0816-01064
Panama City - Rep. de Panama
Tel. +507 300 2400
info@lumicentro.com

Peru
Showroom:
Hilite
Av. Conquistadores 575
San Isidro - Peru'
Tel. +511 422 9123
proyectos@hiliteperu.com

Uruguay
Showroom:
TRIOS Lighting
Luis de la Torre 593b
Montevideo - Uruguay
Tel. +598 2711 9260
info@trioslighting.com

Venezuela
Showroom:
Iluminación HELIOS
Av. San Felipe, Centro Coinasa, Mezzanina La Castellana, Caracas. 1060 - Venezuela
Tel. +58-212 265.58.83
informacion@helios.com.ve

For information regarding distributors and points of sale for Latin American countries not listed above, please email:
infolatam@artemide.net.

MIDDLE EAST

Bahrain
Representative Office:
Artemide Middle East
info@artemide.ae

Iran
Representative Office:
Artemide Middle East
info@artemide.ae

Jordan
Representative Office:
Artemide Middle East
info@artemide.ae

Kuwait
Representative Office:
Artemide Middle East
info@artemide.ae

Lebanon
Representative Office:
Artemide Middle East
info@artemide.ae

Oman
Representative Office:
Artemide Middle East
info@artemide.ae

Qatar
Representative Office:
Artemide Middle East
info@artemide.ae

Saudi Arabia
Representative Office:
Artemide Middle East
info@artemide.ae

Syria
Representative Office
Artemide Middle East Dubai
Tel. +971 4 887 2022
info@artemide.ae

United Arab Emirates
Head office & Showroom:
Artemide Middle-East
Dubai Design District (D3)
Building 6 - 3rd Floor - Offices A307
Dubai, UAE
info@artemide.ae

NORTH AMERICA

Canada
Head office:
Artemide Ltée/Ltd.
11105 rue Renaude Lapointe
Montréal, Québec H1J 2T4
Tel. +1 514 323 6537
Toll free +1 888 777 2783
infocanada@artemide.net
www.artemide.net

Showroom:
Toronto
5 Mill Street
Toronto, Ontario M5A 3R6
Tel. +1 416 628 6718
toronto@artemide.net

Sales office:
Montréal
Tel. +1 514 788 3788
montreal@artemide.net

U.S.A.
Headquarters
Artemide, Inc.
250 Karin Lane
Hicksville, NY 11801
Tel. +1 631 694 9292
Toll free +1 877 Art 9111
infousa@artemide.net
www.artemide.net

Showrooms:
Chicago, IL
351 W Hubbard street, #103
Chicago, IL 60654
Tel. +1 312 475 0100
chicago@artemide.net

Los Angeles, CA
9006 Beverly Blvd.
West Hollywood, CA 90048
Tel. +1 310 888 4099
losangeles@artemide.net

Miami, FL
2222 Ponce de Leon Boulevard
Coral Gables, FL 33134
Tel. +1 305 444 5800
miami@artemide.net

New York, NY
46 Greene Street
New York, NY 10013
Tel. +1 212 925 1588
newyork@artemide.net

Sales offices:
Dallas, TX
Tel. +1 214 747 8344
dallas@artemide.net

Philadelphia, PA
Tel. +1 215 733 9877
philadelphia@artemide.net

San Francisco, CA
Tel. +1 415 393 9955
sanfrancisco@artemide.net

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Art direction & editing
Studio de Bevilacqua
Carlotta de Bevilacqua
with
Ippolita Ciampini
Diego Martinelli

Artemide Research & Innovation
Fabio Zanola

Image editing
and 3D visualization
Paola Monaco di Arianello
Simone Fantoni
Alessandro Peccati

Still lifes
Jean Pierre Maurer
Manuel Maurer
Gio Pini
Federico Villa
Miro Zagnoli

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