

CATALOGUE 2021

ENGLISH

Alfa, Alfia, Alice, Andrea, Anna, Ara, Arcadia, Beta, Camilla, Cassiopea, Chiara, Cielo, Clio, Delta, Dooku, Eclipse, Emma, Epsilon, Franco, Gamma, Giulia, Hyperion, Idra, Iota, Jackie, K12, Kamino, Kirk, Leila, Leo, Marco, Martina, Martina Aqua, Melrie, Memi, Midna, Naboo, New Torcia, Paola, Perseo, Pi, Rho, Sandro, Sigma, Silvia, Spock, Talia, Tapioca, Tau, Trixie, Vincenza, Viviana, Yama, Zefiro.



ares

THE OUTDOOR BY FLOS

MADE IN ITALY



COMPANY

Established in 1994, Ares is a manufacturing company specialized in architectural outdoor lighting. Our Aim is to offer to our customers products of actual design representative of our time, thanks to a strong commitment and great creativity. The attentive selection of materials and accurate finishing, as well as the research and development of the manufacturing

process; make our products durable and reliable; a cutting – edge for the market worldwide. Each creation is a challenge: understanding, analyzing and projecting to reach harmony and fusion of structure, light, architecture and setting.



LIGHTING DESIGN OFFICE

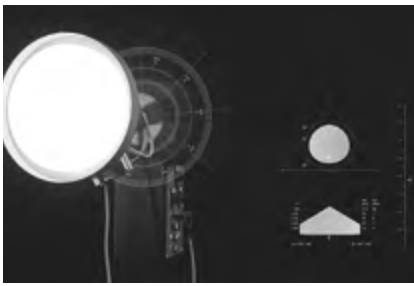
Light is an essential tool in the Architectural language. Our Lighting Design projects are the results of a careful analysis of the spaces, along with the attention to the customer's need; in order to offer comfort, safety and efficiency.



TECHNICAL OFFICE

When engineering a new luminaire, there are several factors to consider: aesthetic and functional needs of the final fixture; accurate selection of the light sources, the materials and their heat sink capacity, and technologies to be used; achievement of the best lighting emission. The creation of a functional prototype is an important step, that allows the

improvements of all the elements and a precise balance of the creative stages progression.



LABORATORY

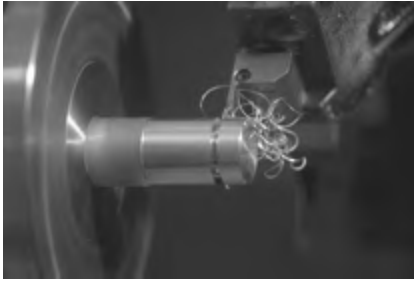
In our laboratory we test lighting fixtures safety and performances, to refine both technical and quality characteristics of all our products.



ALUMINIUM DIE CASTING

Die casting process is one of the most considerable and important steps during the manufacturing of our products. With passion, we follow each step of productive process, from the mould manufacturing to the die casted item and the quality checks that assure the solidity and the mechanical property.

We choose Aluminium as main material and we only use top quality alloy with low-copper content, to guarantee a high resistance to corrosion.



TURNING

Versatility and definition are the basic elements of our production. What identify and characterize our Luminaires, is the High quality and the elaborate manufacturing that requires the application of different material such as, primary aluminium, 316L stainless steel and methacrylate.



RAW MATERIALS STOCK

The raw material is attentively selected, all the incoming goods are tested following the in force directives, and stored in the main warehouse for direct use.



PAINTING PROCESS

ARES has done an important investment in a new and implemented painting facility and coating procedure, that guarantees good resistance even in extreme climatic conditions. A controlled conversion treatment, a first layer of epoxy powder coating and a second layer of polyester powder coating, offer high mechanical solidity and UV resistance, awarranty of

high quality and performances for the whole selection of 5 standard colours. The thickness and the adherence of the film are constantly measured by specific tests. It is our commitment to respect the environment and the directives in force; Coating procedures are followed by daily careful tests.



LED

A direct and deep knowledge of LED light sources, of the engineering and assembly of printed circuits and boards, allows Ares to take care of each productive step: from the design of the circuit, to the realization of the luminaire. "Ares LED" is an internal productive unit , entirely dedicated to the development, production and assembly of high technology LED fixtures. The main characteristics are

an high efficiency in lighting emission and reduced power consumption. A warehouse where thousands of LED and components are stored is precisely managed and controlled in order to offer products with the highest colour uniformity and quality possible. The unit consists of different and specialized areas and each of these areas is focused on a single step of the production.



ASSEMBLY

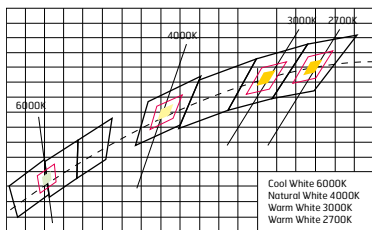
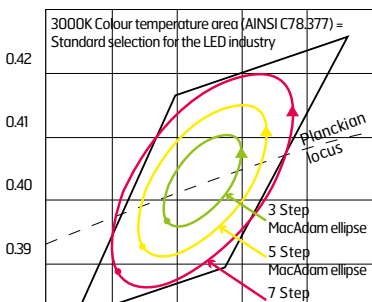
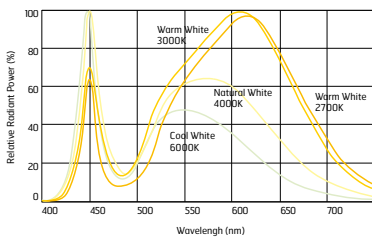
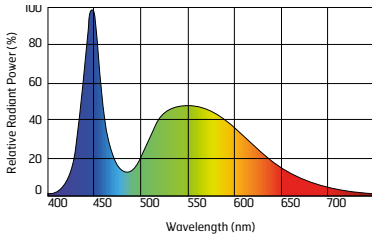
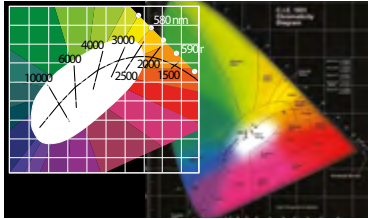
Electrical and Mechanical assembly lines follow procedures and operating instructions to assemble luminaires. A trained and specialized staff is in charge for the tests of quality of the products that have to be in compliance with regulation in force. Particular attention is given to the electrical safety checks on the luminaires.



PACKING AND DELIVERY

Each single products is carefully prepared and packed with extremely care. A piece of truly Italian style is now ready to be delivered all over the world. Ares sales distribution reaches all 5 continents, which represents the 75% of the turnover.

LED TECHNOLOGY



In order to get a white LED, nowadays just as 20 years ago, one is made which emits a light blue known as royal blue, and it is given a coating by mixing phosphorus types, that is a mix of components which are excited by the wave length of Royal Blue and can emit white light, the color temperature (CCT) depends on the specifics of the mix. Diode technology underlies LEDs, a diode being an electronic component whose functioning depends on the behavior of two regions next to each other with different chemical characteristics. On the basis of the various twinned regions, a LED will be able to emit a precise wave length, in other words generate a specific color; as white is not a color but a mix of all of them together, it is clear why conversions of some kind cannot be avoided. Given the growth in the availability of different selections of CCT, and the market's desire for quality, a universal and standardized method of cataloging was soon codified as ANSI 78.377-2008.

It was necessary to define a space on which the light emitted by a LED could be defined, and within this space a series of regions could be delimited in order to define their different color temperatures. The space of the colors C.I.E. xyz was used, one of the first to be defined mathematically (1931), while to delimit the different color regions, it was natural to extend the Planckian place (in other words, the group of various shades of white which a Black Body assumes if taken to various temperatures), and thus a series of rhombuses was created, each of which was next to another and centered on the black body curve known as the ANSI BIN. By means of the mathematics of conversion of the same color space and the spectral distribution of the light emitted by a LED, it can be inserted into the graph and then described precisely. While in so-called cold LEDs the blue contribution is greater (obviously on the 460nm characteristics of the LED on which the white has been constructed), as the temperature is reduced if a warm LED is observed it is clear that the phosphorus have a more important role to play in lowering the blue component and generating a new component at the same time, which becomes predominant around 600nm (typical of yellow). For these purposes the percentage of 'Rare Lands' in the phosphorus mix is altered.

is very similar to the BlackBody. There are also different color tables which can be used for the comparison and increasing the number of 'color samples' obviously improves the definition of the CRI. As well as the standard, nowadays the LED leads the main manufacturers to compare themselves to each other and improve the light efficiency and quality on a daily basis. Two different strategies are becoming important for the selection of the BINs. The simpler, which has been more commonly used for some time, divides the ANSI BINs into narrower and narrower sub-regions in order to obtain portions which are 1/16 the size of the standard. This gives companies assembling LEDs a refined degree of selection for the finished product. The second possibility undertaken by manufacturers was that of reintroducing an old model based on a more favorable geometry, namely MacAdam's Ellipses. The advantage of this proposal is the geometry involved which, with the same surface area as ANSI automatically excludes the points which are further from the geometric center, that is the tops of the rhombuses which as a result of their construction are the regions with more variation in chromatic homogeneity. Clearly this is not sufficient to guarantee that the selections have a high degree of precision. In fact the quality of this system depends once again on the dimensions of the geometric places themselves and to complete the model different ellipses must be type-tested, all of them centered on precise chromatic coordinates (and so always referable to C.I.E. 1931), more and more reduced in surface area. For these purposes they are defined as MacAdam's Steps. Step3 is currently important in the marketplace since, if directly compared to the ANSI Standard, it is equal to half an ANSI BIN.

As is normal for any Energy transformation when the conversion work is increased the efficiency decreases, and this explains why warm white LEDs are less efficient than cold ones. This is also true for LEDs with a high color rendering index (CRI). The CRI, as its name suggests, is an index and it expresses how a light source, when compared to a reference sample, can reproduce colors. By definition the reference sample should be Plank's Black Body, obviously in the same CCT conditions. In any event, for practical purposes it is possible to use an incandescent lamp which by definition and construction

SPD: Protection against excess voltage for outdoor LED fixtures



The use of light-emitting diodes (LEDs) and electronics in lighting equipment has highlighted the problem of excessive voltage caused by direct or indirect electrical charges. In the cases studied 80% of damage refer to improper/abnormal feeding.

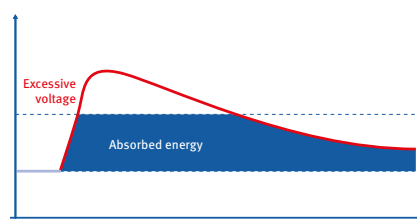
These problems may arise from:

- disturbances inherent in the electricity mains; insertion or removal of strongly reactive charges, faults in the cables, or a strong harmonic distortion in the mains;
- excessive charges arising from the environment: direct or indirect atmospheric discharges or unexpected and excessive

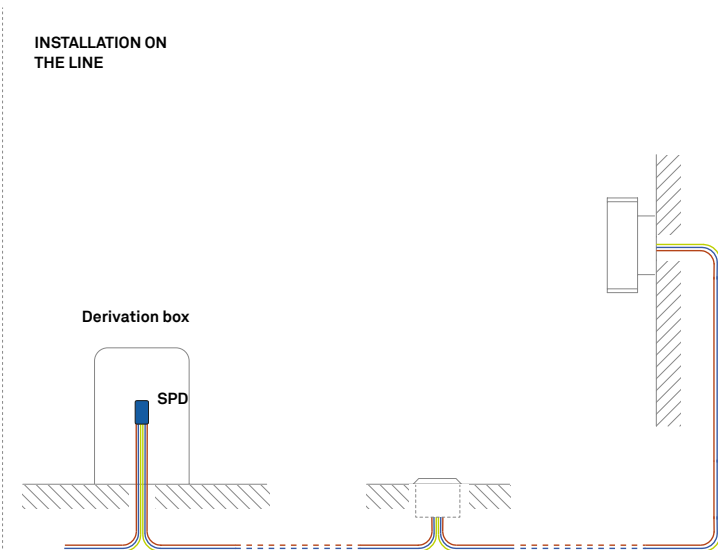
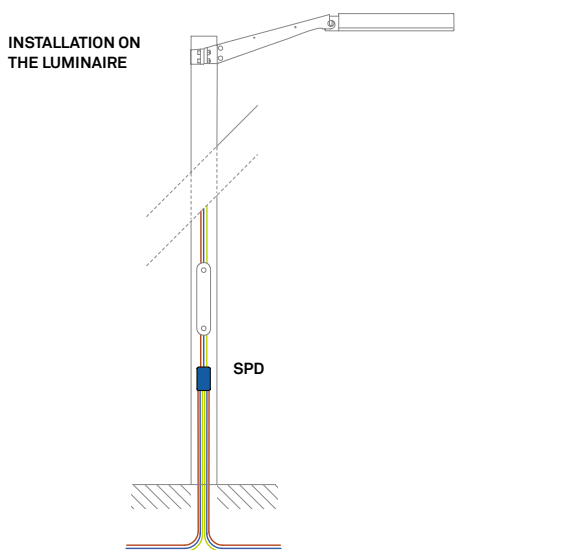
accumulation of electrostatic charges on the equipment. ARES offers an SPD (Surge Protector Device) which can be connected near the appliances requiring protection or above the derivation box.



This device functions in common and differential manner at the same time, by absorbing any excessive voltage and discharging it, depending on its nature, towards earth or neutral. The closer it is installed to the appliances requiring protection, the more effective this type of protection is, and it should be remembered that an earth connection is needed to protect the appliance effectively.



Operating Ac Voltage	275V
Maximun Discharge Current 8/20µs Waveform (Imax)	10KA
Maximun Operating Current	5A
IP Protection	66



ARES shall not be held liable for the installation of plants not complying with the regulation in force.

H2O STOP: how to stop water ingress - in ground recessed luminaires



An inaccurate installation of the luminaire with ineffective connection (insulating tape, self-amalgamating tape or sheath inaccurately used) may lead to water passage along the cable and consequently water ingress in the fitting.

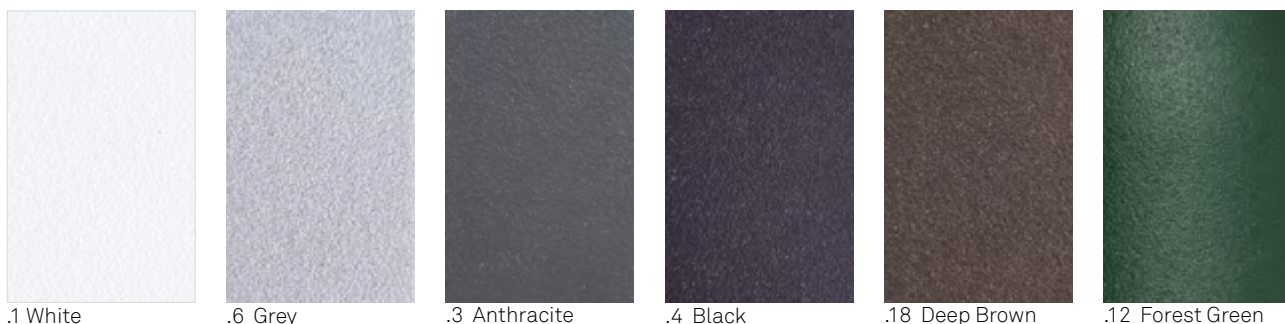


All ground recessed luminaires are equipped with a H2O STOP system or resin coated devices giving effective protection against water passage along connecting cables.

FINISHING COLOURS: double layer coating for high resistance to corrosion.

Double layer coating for high resistance to corrosion: The aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.

Corrosion tests in artificial atmospheres: salt spray test passed at 1500 hrs



.1 White

.6 Grey

.3 Anthracite

.4 Black

.18 Deep Brown

.12 Forest Green

During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

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MIDNA
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JACKIE
486



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MEMI
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CEILING

YAMA
500





- Outdoor / Indoor round luminaire for installation on ceiling or wall – surface mounted.
- Configuration: opal plastic diffuser with satin finish for a high light emission uniformity ratio. Die-cast aluminium fixing back-plate and turned aluminium structure and heat sink. Magnetic finish frame to hide the fixing screws. The luminaire is coated with polyester powders in single or double colour.
- Protection rating: IP66
- In compliance with EN 60598-1 standards
- Class of Insulation: I
- Installation: the luminaire is equipped with two IP65 cable holders for rubber cables 5\times10mm (Anna \varnothing 210 and \varnothing 310) or cables 6\times13mm (Anna \varnothing 410) and a quick-connect 2-pole terminal block. Outdoor installation requires suitable flexible cables assuring the watertightness of the cable holder.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:
Class A/A+/A++
Luminaire supplied with integrated LED modules that cannot be replaced



.1 White



.6 Grey



.3 Anthracite



.4 Black



.18 Deep Brown



.12 Forest Green



Ceiling fitting



Wall fitting



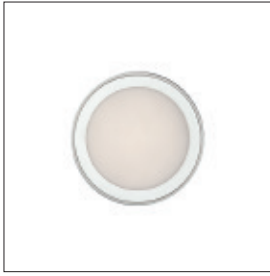
The fitting is equipped with 2 cable input.



Protection against impact. IK 10- 20.00 joule

Anna 210

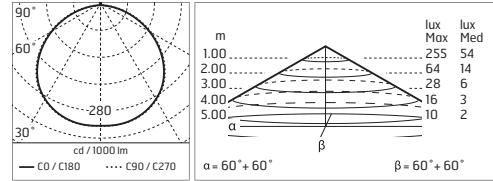
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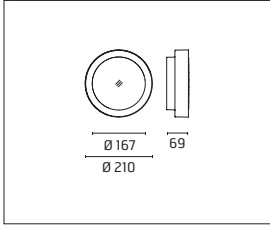
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White 4000K
lm LED 1334 ≠ lm OUTPUT 812



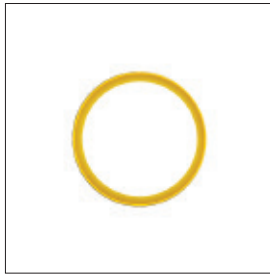
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IP66

Anna 210 - Bicolour Structure White-Yellow

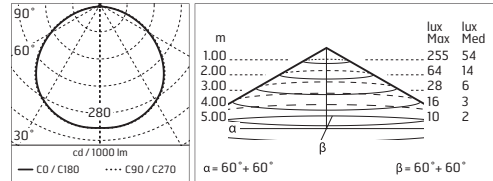
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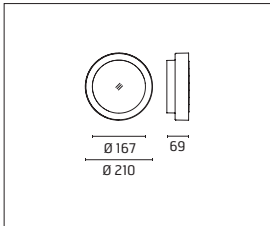
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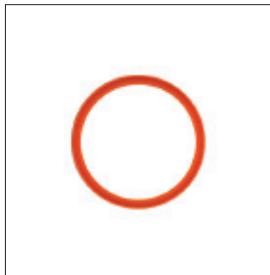
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IP66

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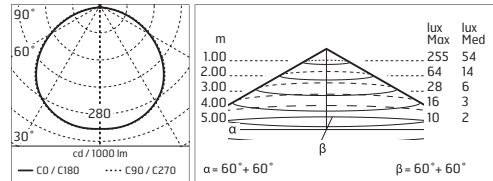
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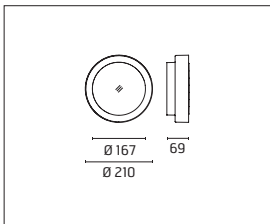
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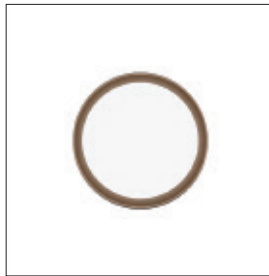
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IP66

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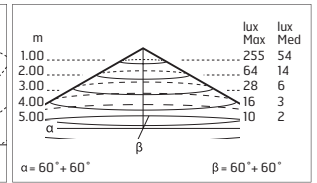
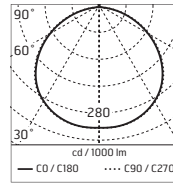
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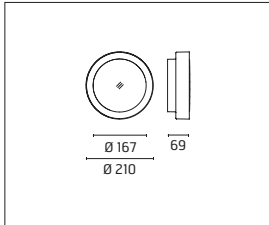
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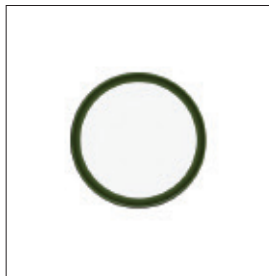
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IP66

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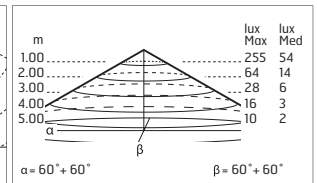
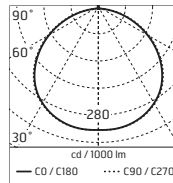
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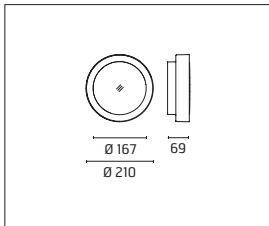
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533006
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@ 4000K



IP66

Anna310

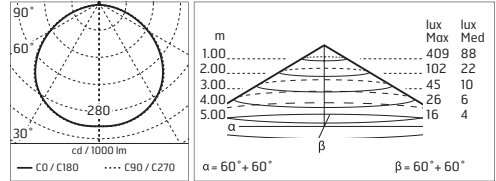
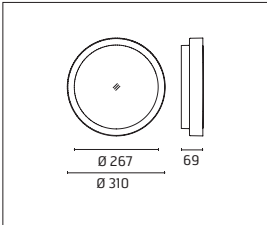
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533051
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533051-310 Dimmable 1-10
 White 2700K
 lm LED 1874 ≠ lm OUTPUT 1150

533012
533012-300 Dimmable Dali
533012-310 Dimmable 1-10
 White 3000K
 lm LED 2015 ≠ lm OUTPUT 1237

533011
533011-300 Dimmable Dali
533011-310 Dimmable 1-10
 White 4000K
 lm LED 2168 ≠ lm OUTPUT 1330

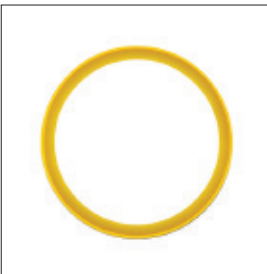


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IP66

Anna310 - Bicolour Structure White-Yellow

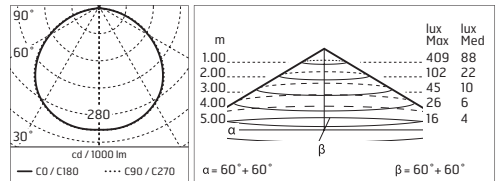
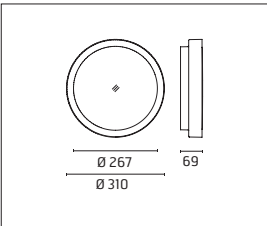
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533017
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533017-310 Dimmable 1-10
 White 3000K
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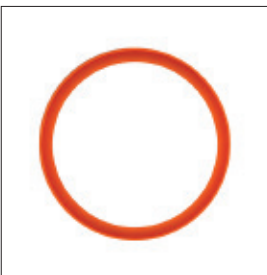


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IP66

Anna310 - Bicolour Structure White-Orange

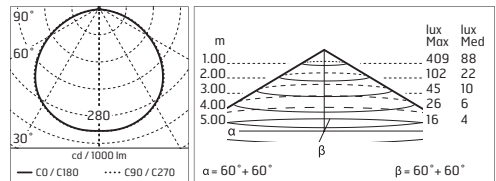
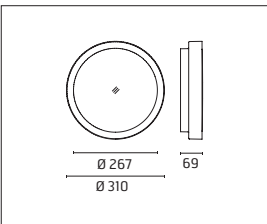
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 lm LED 1874 ≠ lm OUTPUT 1150

533018
533018-300 Dimmable Dali
533018-310 Dimmable 1-10
 White 3000K
 lm LED 2015 ≠ lm OUTPUT 1237

533014
533014-300 Dimmable Dali
533014-310 Dimmable 1-10
 White 4000K
 lm LED 2168 ≠ lm OUTPUT 1330

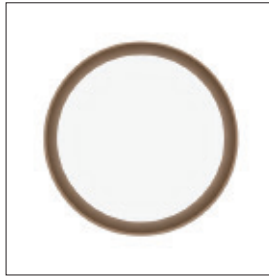


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IP66

Anna310 - Bicolour Structure White-Brown

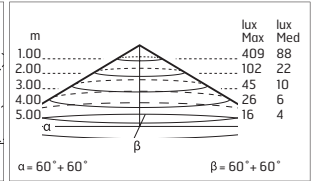
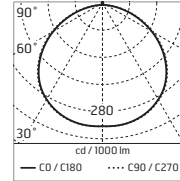
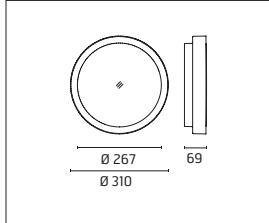
Light Source: Mid-Power LED / 14,1W / Total power 18W / CRI>80 / 220±240V / Integral electronic power supply



533059
533059-300 Dimmable Dali
533059-310 Dimmable 1-10
 White 2700K
 lm LED 1874 ≠ lm OUTPUT 1150

533019
533019-300 Dimmable Dali
533019-310 Dimmable 1-10
 White 3000K
 lm LED 2015 ≠ lm OUTPUT 1237

533015
533015-300 Dimmable Dali
533015-310 Dimmable 1-10
 White 4000K
 lm LED 2168 ≠ lm OUTPUT 1330

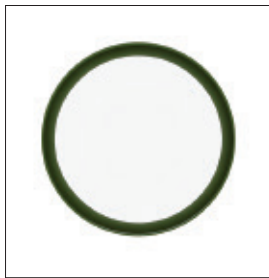


@ 4000K

IP66

Anna310 - Bicolour Structure White-Green

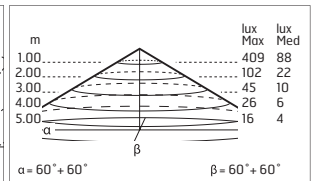
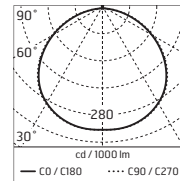
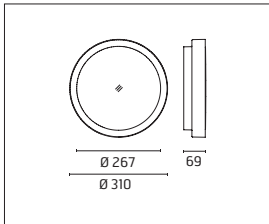
Light Source: Mid-Power LED / 14,1W / Total power 18W / CRI>80 / 220±240V / Integral electronic power supply



533060
533060-300 Dimmable Dali
533060-310 Dimmable 1-10
 White 2700K
 lm LED 1874 ≠ lm OUTPUT 1150

533020
533020-300 Dimmable Dali
533020-310 Dimmable 1-10
 White 3000K
 lm LED 2015 ≠ lm OUTPUT 1237

533016
533016-300 Dimmable Dali
533016-310 Dimmable 1-10
 White 4000K
 lm LED 2168 ≠ lm OUTPUT 1330



@ 4000K

IP66

Anna410

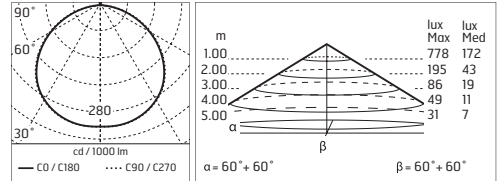
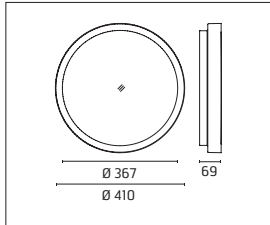
Light Source: Mid-Power LED / 27,9W / Total power 34W / CRI>80 / 220÷240V / Integral electronic power supply



533052
533052-300 Dimmable Dali
533052-310 Dimmable 1-10
 White 2700K
 lm LED 3590 ≠ lm OUTPUT 2345

533022
533022-300 Dimmable Dali
533022-310 Dimmable 1-10
 White 3000K
 lm LED 3860 ≠ lm OUTPUT 2521

533021
533021-300 Dimmable Dali
533021-310 Dimmable 1-10
 White 4000K
 lm LED 4152 ≠ lm OUTPUT 2712

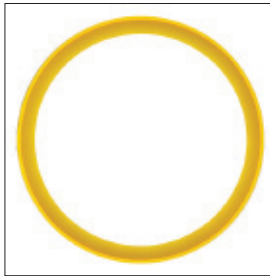


@ 4000K

IP66

Anna410 - Bicolour Structure White-Yellow

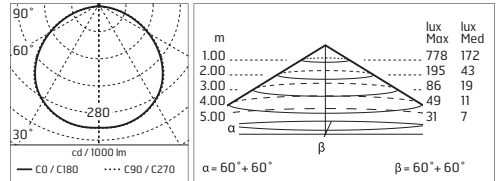
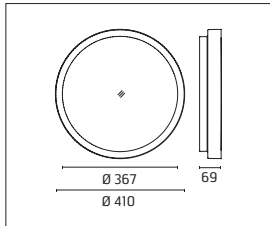
Light Source: Mid-Power LED / 27,9W / Total power 34W / CRI>80 / 220÷240V / Integral electronic power supply



533061
533061-300 Dimmable Dali
533061-310 Dimmable 1-10
 White 2700K
 lm LED 3590 ≠ lm OUTPUT 2345

533027
533027-300 Dimmable Dali
533027-310 Dimmable 1-10
 White 3000K
 lm LED 4152 ≠ lm OUTPUT 2712

533023
533023-300 Dimmable Dali
533023-310 Dimmable 1-10
 White 4000K
 lm LED 3860 ≠ lm OUTPUT 2521

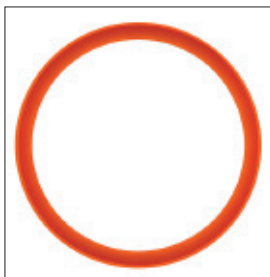


@ 4000K

IP66

Anna410 - Bicolour Structure White-Orange

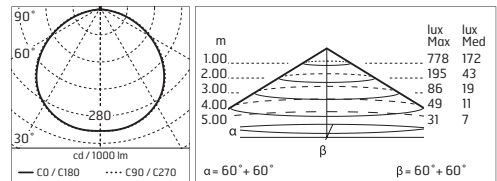
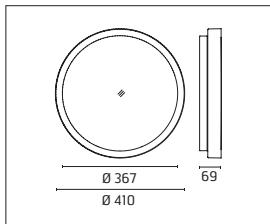
Light Source: Mid-Power LED / 27,9W / Total power 34W / CRI>80 / 220÷240V / Integral electronic power supply



533062
533062-300 Dimmable Dali
533062-310 Dimmable 1-10
 White 2700K
 lm LED 3590 ≠ lm OUTPUT 2345

533028
533028-300 Dimmable Dali
533028-310 Dimmable 1-10
 White 3000K
 lm LED 3860 ≠ lm OUTPUT 2521

533024
533024-300 Dimmable Dali
533024-310 Dimmable 1-10
 White 4000K
 lm LED 4152 ≠ lm OUTPUT 2712

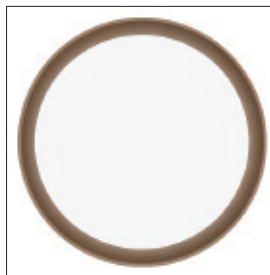


@ 4000K

IP66

Anna410 - Bicolour Structure White-Brown

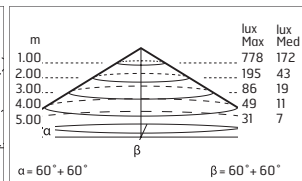
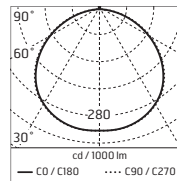
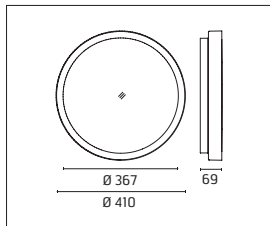
Light Source: Mid-Power LED / 27,9W / Total power 34W / CRI>80 / 220±240V / Integral electronic power supply



533063
533063-300 Dimmable Dali
533063-310 Dimmable 1-10
 White 2700K
 lm LED 3590 ≠ lm OUTPUT 2345

533029
533029-300 Dimmable Dali
533029-310 Dimmable 1-10
 White 3000K
 lm LED 3860 ≠ lm OUTPUT 2521

533025
533025-300 Dimmable Dali
533025-310 Dimmable 1-10
 White 4000K
 lm LED 4152 ≠ lm OUTPUT 2712

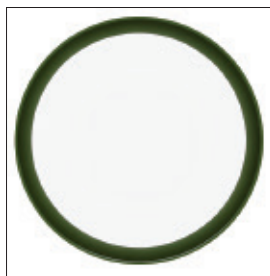


@ 4000K

IP66

Anna410 - Bicolour Structure White-Green

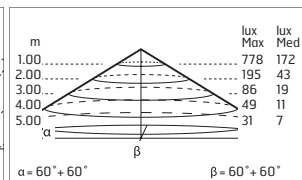
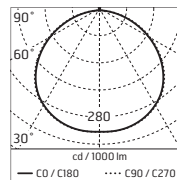
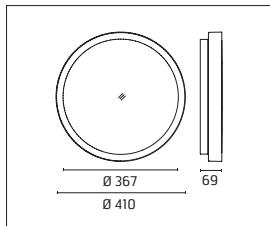
Light Source: Mid-Power LED / 27,9W / Total power 34W / CRI>80 / 220±240V / Integral electronic power supply



533064
533064-300 Dimmable Dali
533064-310 Dimmable 1-10
 White 2700K
 lm LED 3590 ≠ lm OUTPUT 2345

533030
533030-300 Dimmable Dali
533030-310 Dimmable 1-10
 White 3000K
 lm LED 3860 ≠ lm OUTPUT 2521

533026
533026-300 Dimmable Dali
533026-310 Dimmable 1-10
 White 4000K
 lm LED 4152 ≠ lm OUTPUT 2712



@ 4000K

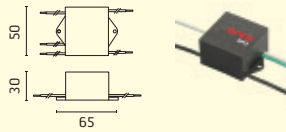
IP66



Accessories: Anna

237

SPD: (SURGE PROTECTION DEVICE) 275Vac
 MAXIMUM DISCHARGE CURRENT 10kA(8/20µs)
 MAXIMUM OPERATING CURRENT 5A
 SUITABLE FOR SERIES CONNECTION - IP66



acc. code ▶	dimmi DALI	dimmi 1-10	237
533001			•
533002			•
533003			•
533004			•
533005			•
533006			•
533007			•
533008			•
533009			•
533010			•
533011	-300	-310	•
533012	-300	-310	•
533013	-300	-310	•
533014	-300	-310	•
533015	-300	-310	•
533016	-300	-310	•
533017	-300	-310	•
533018	-300	-310	•
533019	-300	-310	•
533020	-300	-310	•
533021	-300	-310	•
533022	-300	-310	•
533023	-300	-310	•
533024	-300	-310	•
533025	-300	-310	•
533026	-300	-310	•
533028	-300	-310	•
533027	-300	-310	
533029	-300	-310	•
533030	-300	-310	•
533050			•
533051			•
533052	-300	-310	•
533053	-300	-310	•
533054			•
533055			•
533056			•
533057	-300	-310	•
533058	-300	-310	•
533059	-300	-310	•
533060	-300	-310	•
533061	-300	-310	•
533062	-300	-310	•
533063	-300	-310	•
533064	-300	-310	•



- Round luminaire for installation in-ground – recessed.
- Configuration: three sizes available. Die-cast aluminium structure and heat sink, EN AB-47100 alloy (low copper content). AISI 316L stainless steel outer frame. Glass diffuser: transparent with silkscreen border.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Light Emission: Fully adjustable optic, different beams
- Protection rating: IP67
- In compliance with EN60598-1 standards
- Class of insulation: II
- Installation: the luminaire is equipped with a watertight M12 screw-connector providing optimal insulation against water ingress and quick connection to the power supply unit (supplied with the luminaire as a remote IP67 Kit with electronic power supply). The power supply unit is equipped with a piece of cable of 400mm with screw connector towards the luminaire and a piece of cable of 300mm to be used for wiring. Outdoor use requires suitable flexible cables. Installation requires a dedicated box to be ordered separately. It is important to provide a >300mm gravel layer or a drain system (for concrete surface) to ensure good drainage and to avoid water stagnation.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating.
Damages on the coating exposed to outdoor conditions or water, could cause corrosion.
Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:
Class A/A+/A++
Luminaire supplied with integrated LED modules that cannot be replaced



.0 Inox



Recessed ground fitting



Installation requires a 30cm water drainage layer (gravel)



Do not install in hollow areas



Pre-wired with approx 250mm of cable



Protection against water ingress from the cable



Naboo 145 - Naboo 225
Static load: 2000Kg walk over
Naboo 290
Static load: 3000Kg walk over



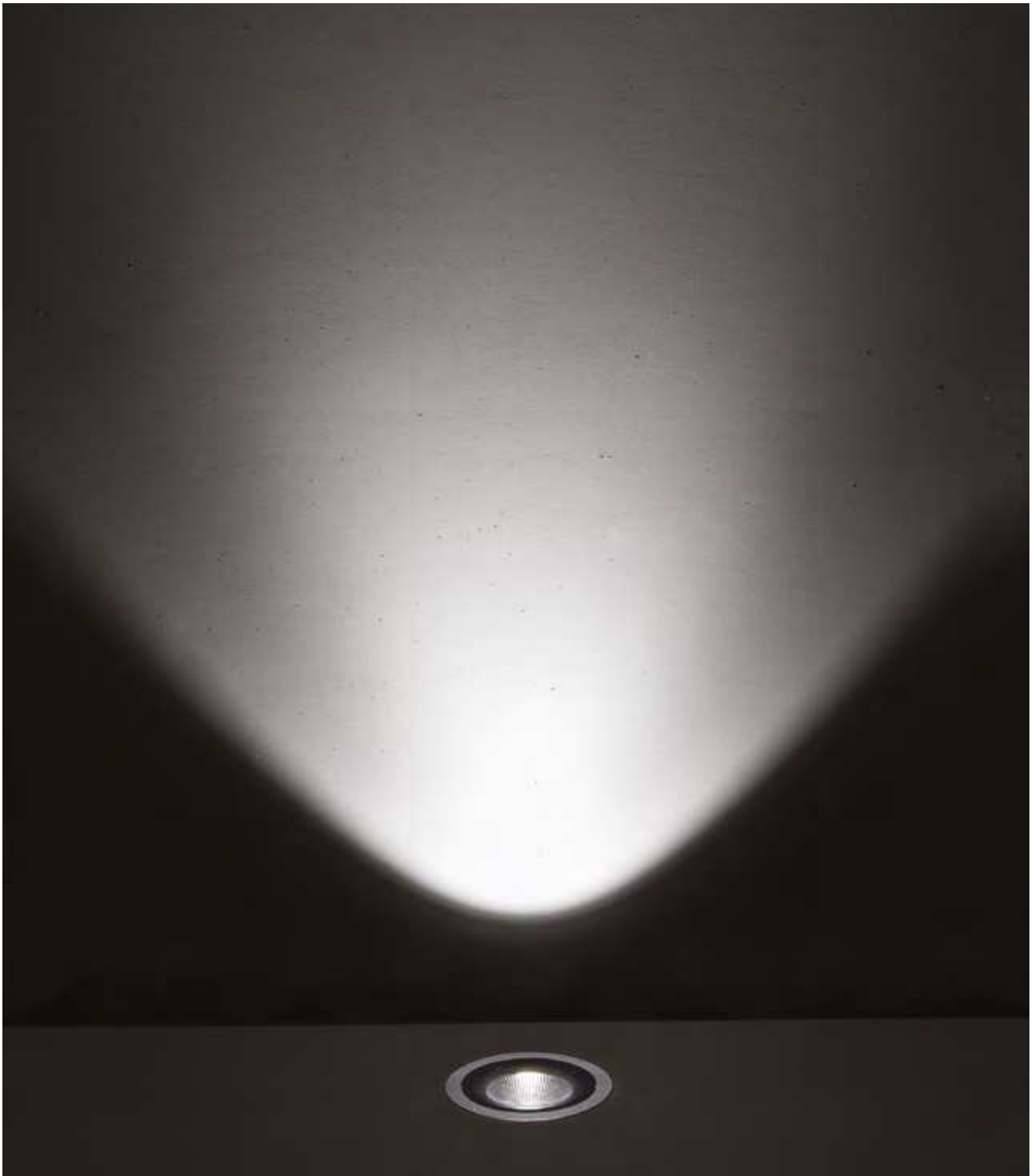
Drive over



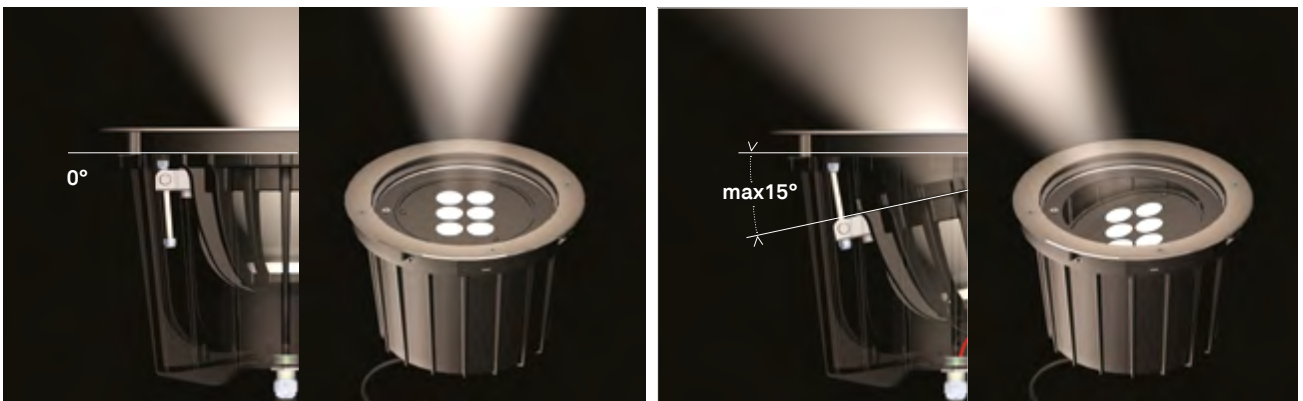
Glass surface temperature <70°C



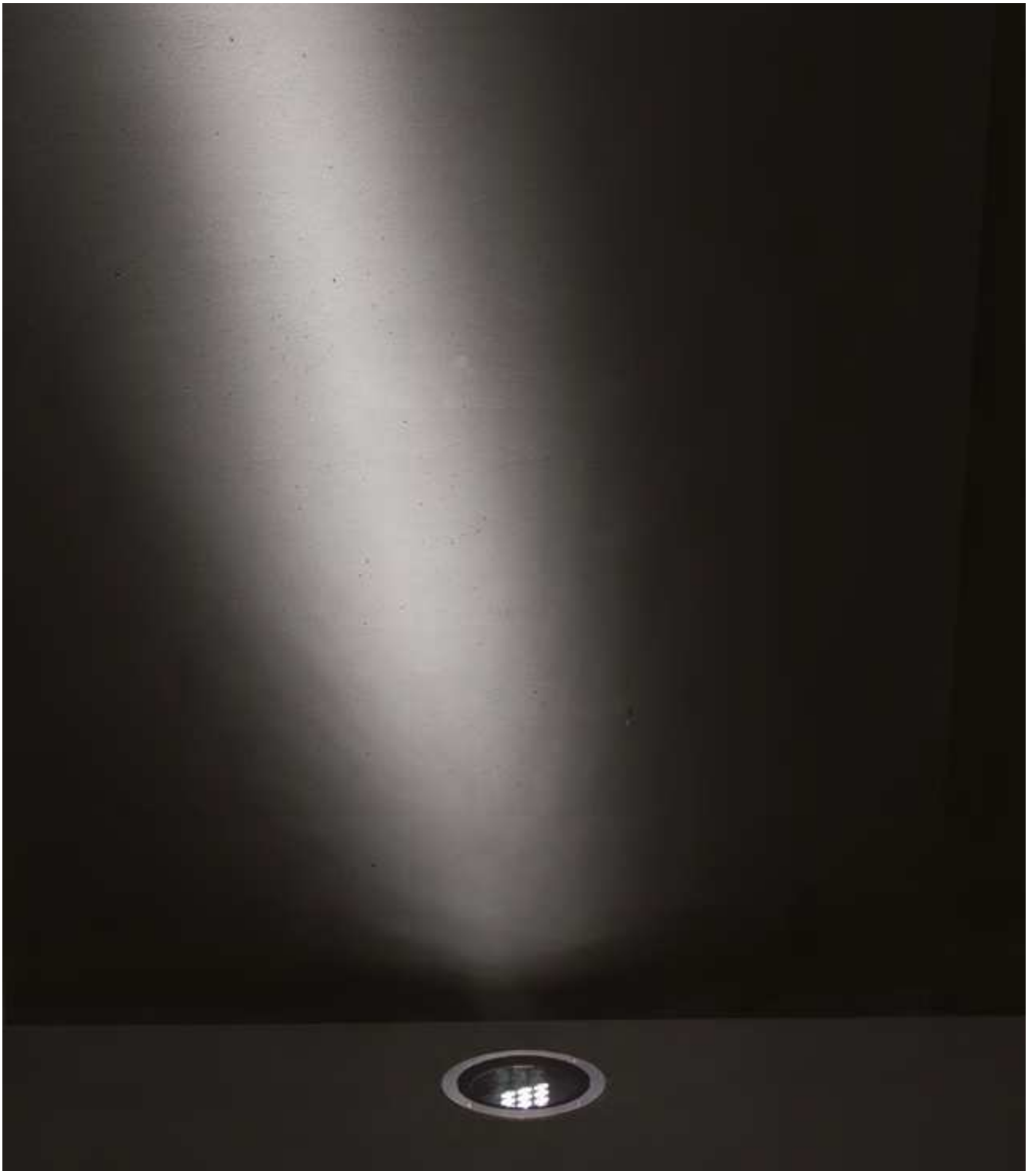
Protection against impact
IK 10- 20,00 joule



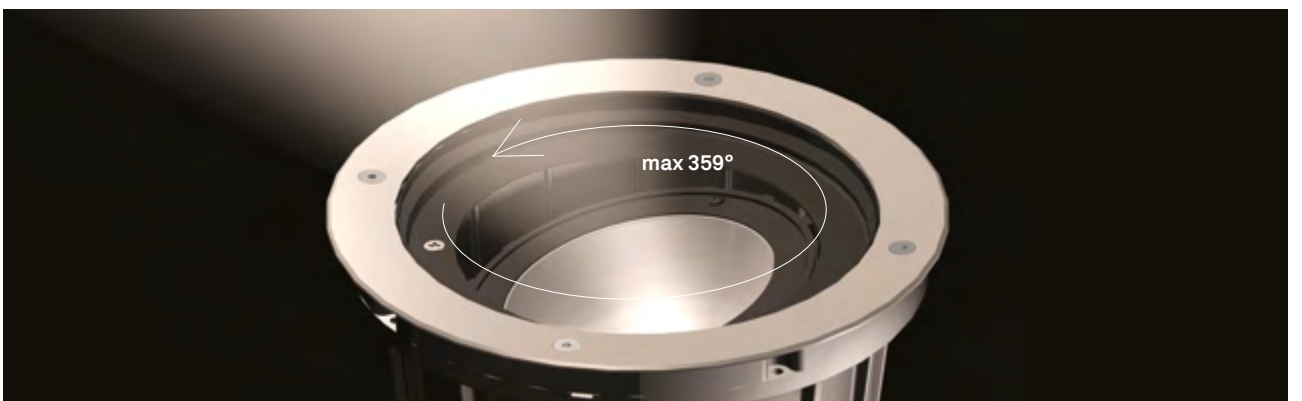
Adjustment on the horizontal axis: max 15°



Naboo



Rotation around the vertical axis: max 359°



Naboo



Naboo145 - Adjustable Optic - 10°

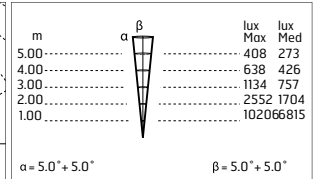
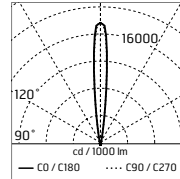
Light Source: Power LED / 6W / Total power 8W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



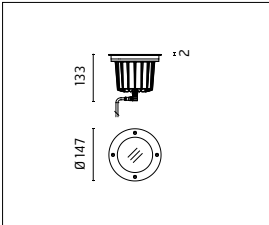
534051
White 2700K
lm LED 509 ≠ lm OUTPUT 451

534003
White 3000K
lm LED 547 ≠ lm OUTPUT 485

534002
White 4000K
lm LED 630 ≠ lm OUTPUT 558



@ 4000K



Dimmable on request

IP67

Naboo145 - Adjustable Optic - 24°

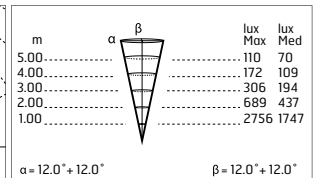
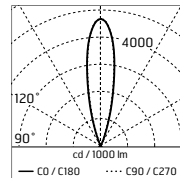
Light Source: Power LED / 6W / Total power 8W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



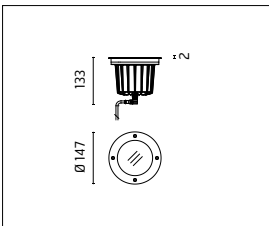
534052
White 2700K
lm LED 509 ≠ lm OUTPUT 472

534006
White 3000K
lm LED 547 ≠ lm OUTPUT 507

534005
White 4000K
lm LED 630 ≠ lm OUTPUT 583



@ 4000K



Dimmable on request

IP67

Naboo145 - Adjustable Optic - 50°

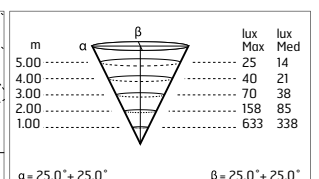
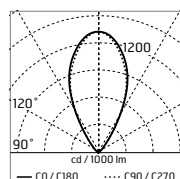
Light Source: Power LED / 6W / Total power 8W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



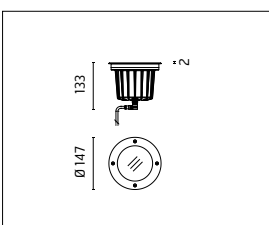
534053
White 2700K
lm LED 509 ≠ lm OUTPUT 433

534009
White 3000K
lm LED 547 ≠ lm OUTPUT 466

534008
White 4000K
lm LED 630 ≠ lm OUTPUT 536



@ 4000K



Dimmable on request

IP67

Naboo145 - Adjustable Optic- Asymmetric 54°x 66°

Light Source: Power LED / 6W / Total power 8W / CRI>80 / 220÷240V / Kit with remote electronic power supply included

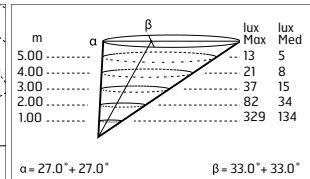
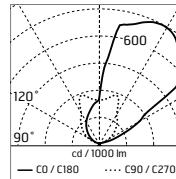


534054
White 2700K
lm LED 509 ≈ lm OUTPUT 413

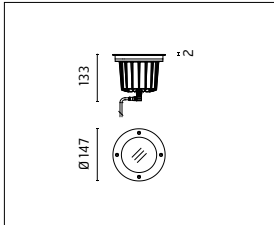


534012
White 3000K
lm LED 547 ≈ lm OUTPUT 444

534011
White 4000K
lm LED 630 ≈ lm OUTPUT 511



@ 4000K



Dimmable on request

IP67

Naboo145 - Adjustable Optic - 16°

Light Source: CoB LED / 6W / Total power 9W / CRI>80 / 220÷240V / Kit with remote electronic power supply included

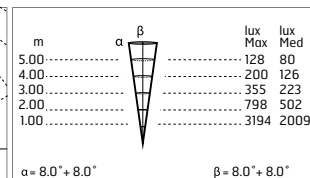
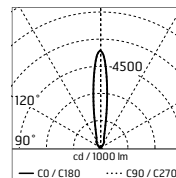


534055
White 2700K
lm LED 857 ≈ lm OUTPUT 518

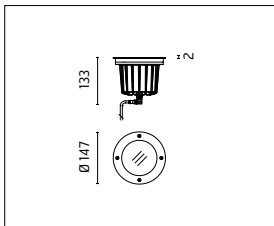


534015
White 3000K
lm LED 922 ≈ lm OUTPUT 557

534014
White 4000K
lm LED 959 ≈ lm OUTPUT 579



@ 4000K



Dimmable on request

IP67

Naboo145 - Adjustable Optic - 50°

Light Source: CoB LED / 6W / Total power 9W / CRI>80 / 220÷240V / Kit with remote electronic power supply included

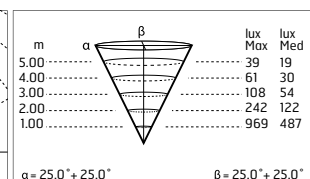
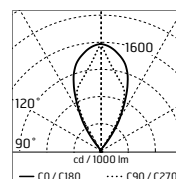


534056
White 2700K
lm LED 857 ≈ lm OUTPUT 545

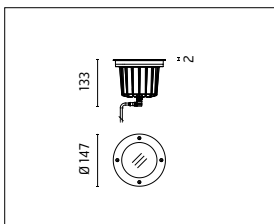


534018
White 3000K
lm LED 922 ≈ lm OUTPUT 586

534017
White 4000K
lm LED 959 ≈ lm OUTPUT 610



@ 4000K

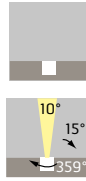


Dimmable on request

IP67

Naboo225 - Adjustable Optic - 10°

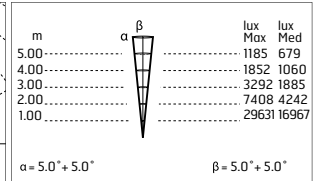
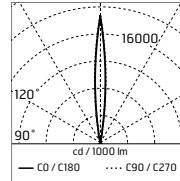
Light Source: Power LED / 16,8W / Total power 21W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



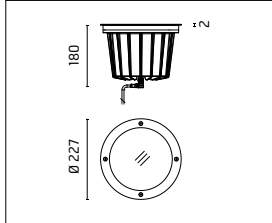
534057
534057-300 Dimmable Dali
534057-310 Dimmable 1-10
 White 2700K
 lm LED 1691 ≠ lm OUTPUT 1373

534021
534021-300 Dimmable Dali
534021-310 Dimmable 1-10
 White 3000K
 lm LED 1818 ≠ lm OUTPUT 1476

534020
534020-300 Dimmable Dali
534020-310 Dimmable 1-10
 White 4000K
 lm LED 1935 ≠ lm OUTPUT 1572



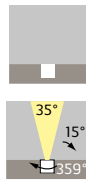
@ 4000K



IP67

Naboo225 - Adjustable Optic - 35°

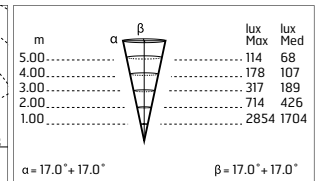
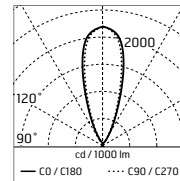
Light Source: Power LED / 16,8W / Total power 21W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



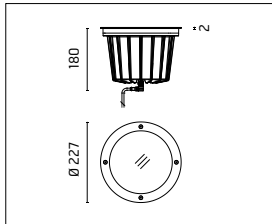
534058
534058-300 Dimmable Dali
534058-310 Dimmable 1-10
 White 2700K
 lm LED 1691 ≠ lm OUTPUT 1141

534024
534024-300 Dimmable Dali
534024-310 Dimmable 1-10
 White 3000K
 lm LED 1818 ≠ lm OUTPUT 1227

534023
534023-300 Dimmable Dali
534023-310 Dimmable 1-10
 White 4000K
 lm LED 1935 ≠ lm OUTPUT 1306



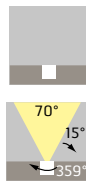
@ 4000K



IP67

Naboo225 - Adjustable Optic - 70°

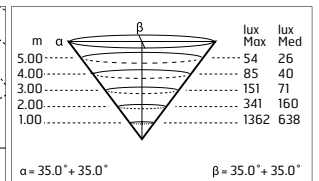
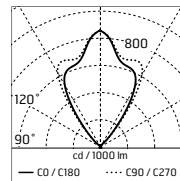
Light Source: Power LED / 16,8W / Total power 21W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



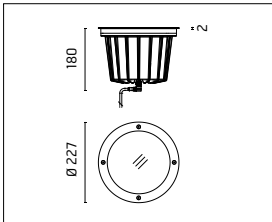
534059
534059-300 Dimmable Dali
534059-310 Dimmable 1-10
 White 2700K
 lm LED 1691 ≠ lm OUTPUT 1380

534027
534027-300 Dimmable Dali
534027-310 Dimmable 1-10
 White 3000K
 lm LED 1818 ≠ lm OUTPUT 1484

534026
534026-300 Dimmable Dali
534026-310 Dimmable 1-10
 White 4000K
 lm LED 1935 ≠ lm OUTPUT 1580



@ 4000K



IP67

Naboo225 -Adjustable Optic - Asymmetric 54°x 66°

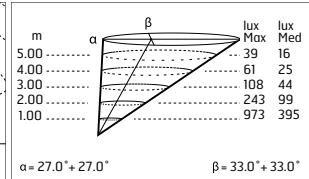
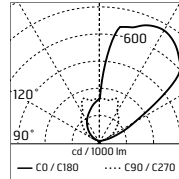
Light Source: Power LED / 16,8W / Total power 21W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



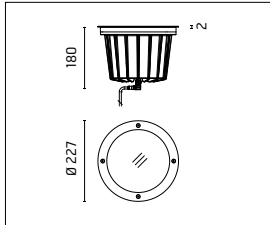
534060
534060-300 Dimmable Dali
534060-310 Dimmable 1-10
 White 2700K
 lm LED 1691 ≠ lm OUTPUT 1373

534030
534030-300 Dimmable Dali
534030-310 Dimmable 1-10
 White 3000K
 lm LED 1818 ≠ lm OUTPUT 1476

534029
534029-300 Dimmable Dali
534029-310 Dimmable 1-10
 White 4000K
 lm LED 1935 ≠ lm OUTPUT 1572



@ 4000K



IP67

Naboo225 -Adjustable Optic - 16°

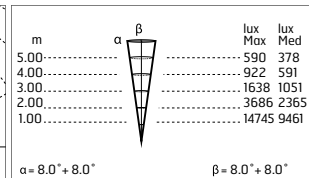
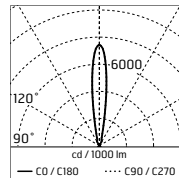
Light Source: CoB LED / 17W / Total power 21W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



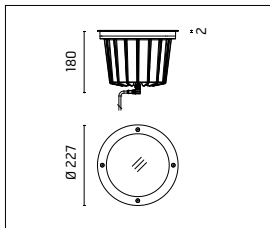
534061
534061-300 Dimmable Dali
534061-310 Dimmable 1-10
 White 2700K
 lm LED 2246 ≠ lm OUTPUT 1739

534032
534032-300 Dimmable Dali
534032-310 Dimmable 1-10
 White 3000K
 lm LED 2415 ≠ lm OUTPUT 1870

534031
534031-300 Dimmable Dali
534031-310 Dimmable 1-10
 White 4000K
 lm LED 2533 ≠ lm OUTPUT 1961



@ 4000K



IP67

Naboo225 - Adjustable Optic - 40°

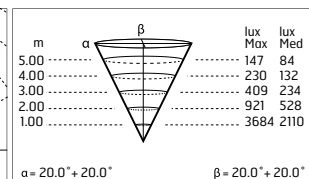
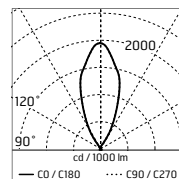
Light Source: CoB LED / 17W / Total power 21W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



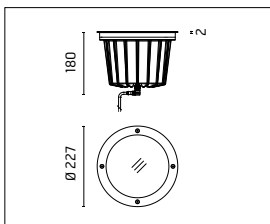
534062
534062-300 Dimmable Dali
534062-310 Dimmable 1-10
 White 2700K
 lm LED 2246 ≠ lm OUTPUT 1673

534034
534034-300 Dimmable Dali
534034-310 Dimmable 1-10
 White 3000K
 lm LED 2415 ≠ lm OUTPUT 1799

534033
534033-300 Dimmable Dali
534033-310 Dimmable 1-10
 White 4000K
 lm LED 2533 ≠ lm OUTPUT 1886



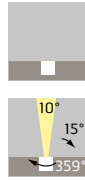
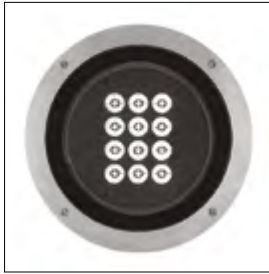
@ 4000K



IP67

Naboo290 - Adjustable Optic - 10°

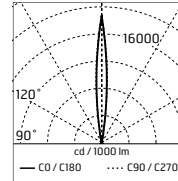
Light Source: Power LED / 33,5W / Total power 39W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



534063
534063-300 Dimmable Dali
534063-310 Dimmable 1-10
 White 2700K
 Im LED 3381 ≈ Im OUTPUT 2737

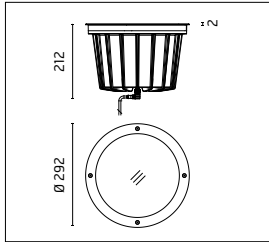
534037
534037-300 Dimmable Dali
534037-310 Dimmable 1-10
 White 3000K
 Im LED 3636 ≈ Im OUTPUT 2943

534036
534036-300 Dimmable Dali
534036-310 Dimmable 1-10
 White 4000K
 Im LED 3871 ≈ Im OUTPUT 3134



m	α	lux	
		Max	Med
5.00	β = 5.0° + 5.0°	2363	1353
4.00		3692	2114
3.00		6564	3759
2.00		14769	8457
1.00		59074	33827

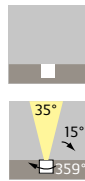
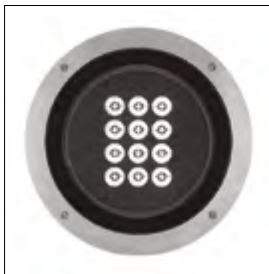
@ 4000K



IP67

Naboo290 - Adjustable Optic - 35°

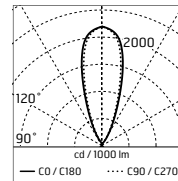
Light Source: Power LED / 33,5W / Total power 39W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



534064
534064-300 Dimmable Dali
534064-310 Dimmable 1-10
 White 2700K
 Im LED 3381 ≈ Im OUTPUT 2275

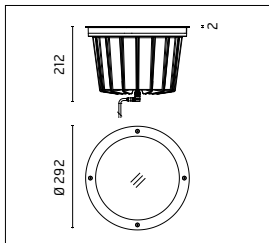
534040
534040-300 Dimmable Dali
534040-310 Dimmable 1-10
 White 3000K
 Im LED 3636 ≈ Im OUTPUT 2446

534039
534039-300 Dimmable Dali
534039-310 Dimmable 1-10
 White 4000K
 Im LED 3871 ≈ Im OUTPUT 2604



m	α	lux	
		Max	Med
5.00	β = 17.0° + 17.0°	227	136
4.00		355	212
3.00		632	377
2.00		1422	849
1.00		5687	3395

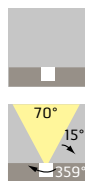
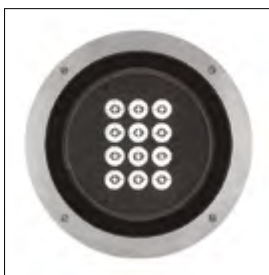
@ 4000K



IP67

Naboo290 - Adjustable Optic - 70°

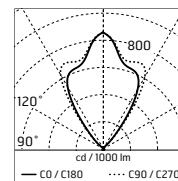
Light Source: Power LED / 33,5W / Total power 39W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



534065
534065-300 Dimmable Dali
534065-310 Dimmable 1-10
 White 2700K
 Im LED 3381 ≈ Im OUTPUT 2417

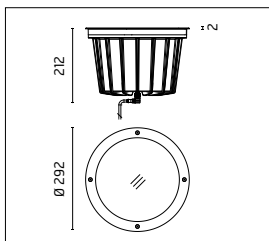
534043
534043-300 Dimmable Dali
534043-310 Dimmable 1-10
 White 3000K
 Im LED 3636 ≈ Im OUTPUT 2599

534042
534042-300 Dimmable Dali
534042-310 Dimmable 1-10
 White 4000K
 Im LED 3871 ≈ Im OUTPUT 2768



m	α	lux	
		Max	Med
5.00	β = 35.0° + 35.0°	95	45
4.00		149	70
3.00		265	124
2.00		597	280
1.00		2387	1119

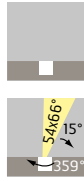
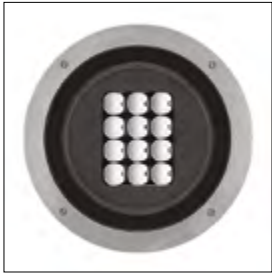
@ 4000K



IP67

Naboo290 - Adjustable Optic - Asymmetric - 54°x 66°

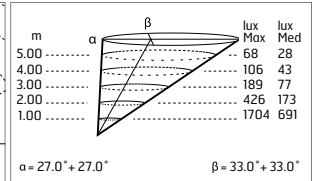
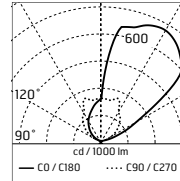
Light Source: Power LED / 33,5W / Total power 39W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



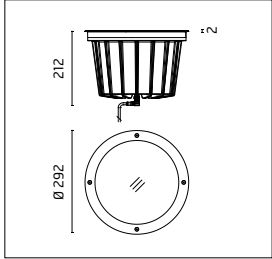
534066
534066-300 Dimmable Dali
534066-310 Dimmable 1-10
 White 2700K
 lm LED 3381 ≠ lm OUTPUT 2405

534046
534046-300 Dimmable Dali
534046-310 Dimmable 1-10
 White 3000K
 lm LED 3636 ≠ lm OUTPUT 2586

534045
534045-300 Dimmable Dali
534045-310 Dimmable 1-10
 White 4000K
 lm LED 3871 ≠ lm OUTPUT 2754



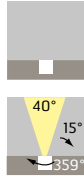
@ 4000K



IP67

Naboo290 - Adjustable Optic - 40°

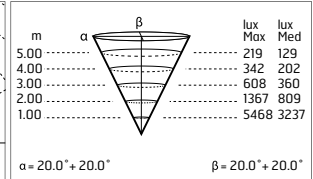
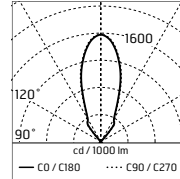
Light Source: CoB LED / 32W / Total power 38W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



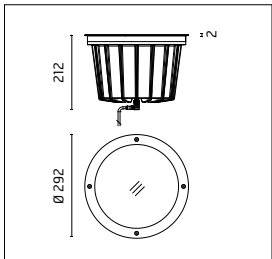
534067
534067-300 Dimmable Dali
534067-310 Dimmable 1-10
 White 2700K
 lm LED 4078 ≠ lm OUTPUT 3093

534048
534048-300 Dimmable Dali
534048-310 Dimmable 1-10
 White 3000K
 lm LED 4385 ≠ lm OUTPUT 3326

534047
534047-300 Dimmable Dali
534047-310 Dimmable 1-10
 White 4000K
 lm LED 4496 ≠ lm OUTPUT 3411



@ 4000K

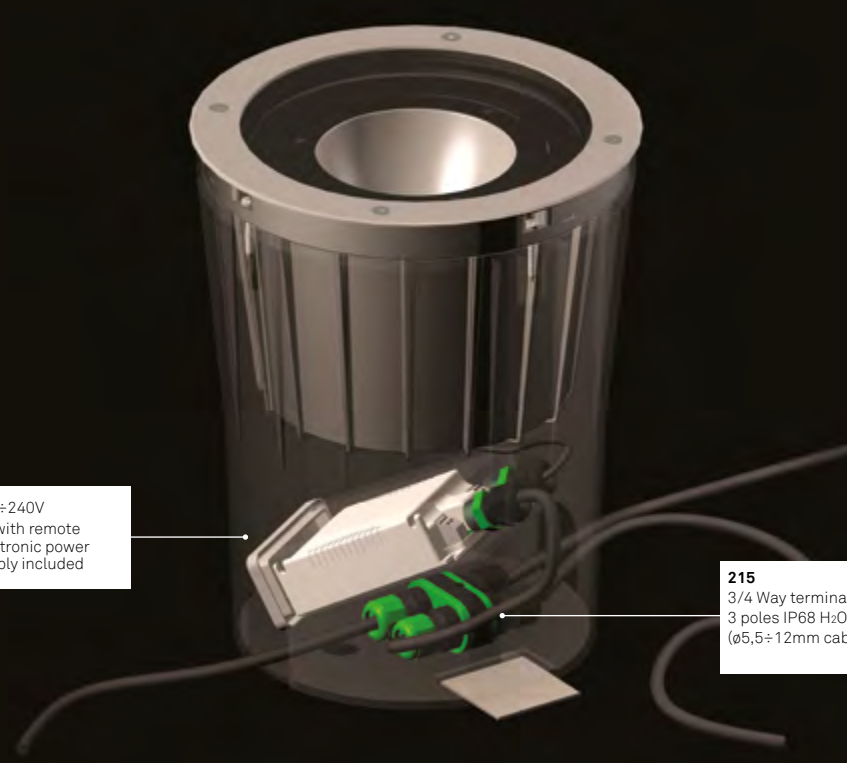


IP67









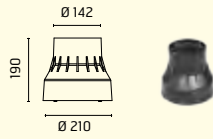
220÷240V
Kit with remote
electronic power
supply included

215
3/4 Way terminal block
3 poles IP68 H₂O stop
(ø5,5÷12mm cable)

Accessories: Naboo

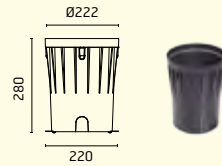
188

BOX FOR INSTALLATION
Ø 210 x H 190mm



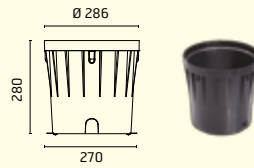
189

BOX FOR INSTALLATION
Ø 222 x H 280mm



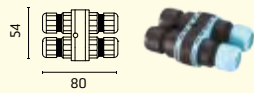
190

BOX FOR INSTALLATION
Ø 286 x H 280mm



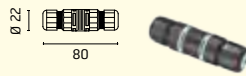
215

3/4 WAY TERMINAL BLOCK 4 POLES
IP68 H₂O STOP (Ø5,5÷12mm CABLE)



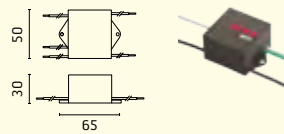
236

2 WAY TERMINAL BLOCK 4 POLES
IP68 H₂O STOP (Ø5,5÷12mm CABLE)



237

SPD: (SURGE PROTECTION DEVICE)
275Vac.
MAXIMUM DISCHARGE CURRENT
10KA (8/20µs) .
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNEC-
TION - IP66



acc. code ▶	dimm	dimm	188	189	190	215	236	237
prod. code ▼	DALI	1-10						
534002			•			•	•	•
534003			•			•	•	•
534005			•			•	•	•
534006			•			•	•	•
534008			•			•	•	•
534009			•			•	•	•
534011			•			•	•	•
534012			•			•	•	•
534014			•			•	•	•
534015			•			•	•	•
534017			•			•	•	•
534018			•			•	•	•
534020	-300	-310		•		•	•	•
534021	-300	-310		•		•	•	•
534023	-300	-310		•		•	•	•
534024	-300	-310		•		•	•	•
534026	-300	-310		•		•	•	•
534027	-300	-310		•		•	•	•
534029	-300	-310		•		•	•	•
534030	-300	-310		•		•	•	•
534031	-300	-310		•		•	•	•
534032	-300	-310		•		•	•	•
534033	-300	-310		•		•	•	•
534034	-300	-310		•		•	•	•
534036	-300	-310			•	•	•	•
534037	-300	-310			•	•	•	•

acc. code ▶	dimm	dimm	188	189	190	215	236	237
prod. code ▼	DALI	1-10						
534039	-300	-310			•	•	•	•
534040	-300	-310			•	•	•	•
534042	-300	-310			•	•	•	•
534043	-300	-310			•	•	•	•
534045	-300	-310			•	•	•	•
534046	-300	-310			•	•	•	•
534047	-300	-310			•	•	•	•
534048	-300	-310			•	•	•	•
534051			•			•	•	•
534052			•			•	•	•
534053			•			•	•	•
534054			•			•	•	•
534055			•			•	•	•
534056			•			•	•	•
534057	-300	-310		•		•	•	•
534058	-300	-310		•		•	•	•
534059	-300	-310		•		•	•	•
534060	-300	-310		•		•	•	•
534061	-300	-310		•		•	•	•
534062	-300	-310		•		•	•	•
534063	-300	-310			•	•	•	•
534064	-300	-310			•	•	•	•
534065	-300	-310			•	•	•	•
534066	-300	-310			•	•	•	•
534067	-300	-310			•	•	•	•

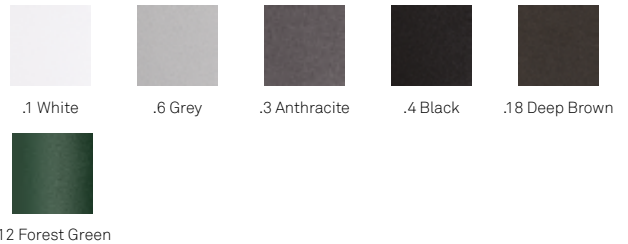











- Round luminaire with radial emission for installation in-ground – recessed.
- Configuration: two sizes available. Die-cast aluminium structure, EN AB-47100 alloy (low copper content). Transparent borosilicate glass.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Light emission: one emission, two opposite emissions, four emissions.
- Protection rating: IP67
- In compliance with EN60598-1 standards
- Class of insulation: II; version 24V: III
- Installation: the luminaire is equipped with a watertight M12 screw-connector providing optimal insulation against water ingress. 220-240V: the power supply unit is equipped with a piece of cable of 400mm with screw connector towards the luminaire and a piece of cable of 300mm to be used for wiring. 24V: the luminaire is supplied with a piece of cable with screw-connector to be used for wiring. Outdoor use requires suitable flexible cables. Installation requires a dedicated box to be ordered separately. It is important to provide a >300mm gravel layer or a drain system (for concrete surface) to ensure good drainage and to avoid water stagnation. Kamino 24V is equipped with a dc/dc highly efficient resin-coated converter that removes electromagnetic interference and allows parallel wiring and is protected against polarity reversal and sudden voltage peak.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

A++
A+
A

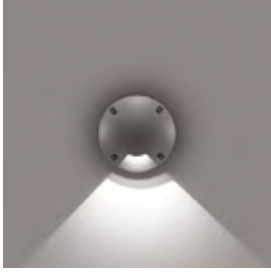
LED VERSION:
Class A/A+/A++
Luminaire supplied with integrated LED modules that cannot be replaced



	Recessed ground fitting		Installation requires a 30cm water drainage layer (gravel)
	Do not install in hollow areas		Pre-wired with approx 250mm of cable
	Protection against water ingress from the cable		Static load: 2000Kg walk over
	Drive over		Glass surface temperature <70°C
	Protection against impact IK 09- 10,00 joule		

Kamino130 - One Emission - 230V

Light Source: Power LED / CRI>80



1,1W / Total power 4W / 220÷240V

535041

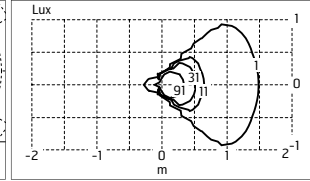
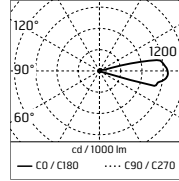
White 2700K
lm LED 129 ≈ lm OUTPUT 35

535003

White 3000K
lm LED 1x139 ≈ lm OUTPUT 1x38

535002

White 4000K
lm LED 1x148 ≈ lm OUTPUT 1x41



@ 4000K

Kit with remote electronic power supply included

Dimmable on request

1,1W / Total power 1,9W / 24Vdc

535042

White 2700K
lm LED 129 ≈ lm OUTPUT 35

535021

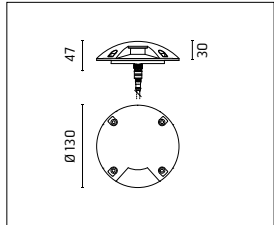
White 3000K
lm LED 1x139 ≈ lm OUTPUT 1x38

535020

White 4000K
lm LED 1x148 ≈ lm OUTPUT 1x41

Remote electronic power supply to be ordered

IP67  



Kamino130 - Two Emissions - 230V

Light Source: Power LED / CRI>80



2,2W / Total power 5W / 220÷240V

535043

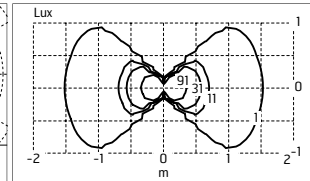
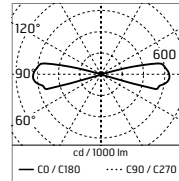
White 2700K
lm LED 2x129 ≈ lm OUTPUT 2x35

535006

White 3000K
lm LED 2x139 ≈ lm OUTPUT 2x38

535005

White 4000K
lm LED 2x148 ≈ lm OUTPUT 2x41



@ 4000K

Kit with remote electronic power supply included

Dimmable on request

2,2W / Total power 3,5W / 24Vdc

535044

White 2700K
lm LED 2x129 ≈ lm OUTPUT 2x35

535024

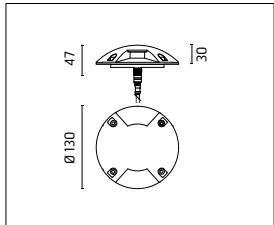
White 3000K
lm LED 2x139 ≈ lm OUTPUT 2x38

535023

White 4000K
lm LED 2x148 ≈ lm OUTPUT 2x41

Remote electronic power supply to be ordered

IP67  



Kamino130 - Omnidirectional

Light Source: Power LED / CRI>80



4,4W / Total power 7W / 220±240V

535045

White 2700K

lm LED 4x129 ≠ lm OUTPUT 4x35

535009

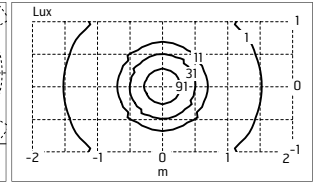
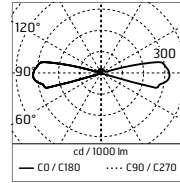
White 3000K

lm LED 4x139 ≠ lm OUTPUT 4x38

535008

White 4000K

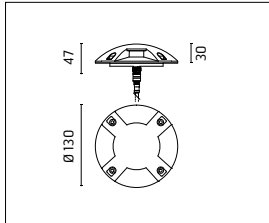
lm LED 4x141 ≠ lm OUTPUT 4x41



@ 4000K

Kit with remote electronic power supply included

Dimmable on request



4,4W / Total power 5,8W / 24Vdc

535046

White 2700K

lm LED 4x129 ≠ lm OUTPUT 4x35

535027

White 3000K

lm LED 4x139 ≠ lm OUTPUT 4x38

535026

White 4000K

lm LED 4x141 ≠ lm OUTPUT 4x41

Remote electronic power supply to be ordered

IP67

Kamino180 - One Emission

Light Source: Power LED / CRI>80



2,2W / Total power 5W / 220±240V

535047

White 2700K

lm LED 233 ≠ lm OUTPUT 64

535012

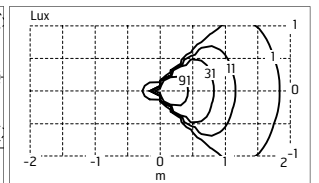
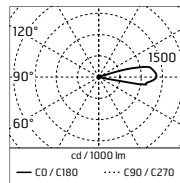
White 3000K

lm LED 1x250 ≠ lm OUTPUT 1x69

535011

White 4000K

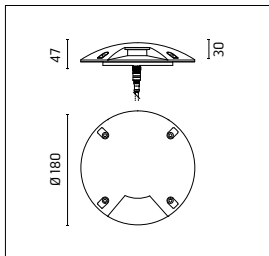
lm LED 1x266 ≠ lm OUTPUT 1x74



@ 4000K

Kit with remote electronic power supply included

Dimmable on request



2,2W / Total power 3,4W / 24Vdc

535048

White 2700K

lm LED 233 ≠ lm OUTPUT 64

535030

White 3000K

lm LED 1x250 ≠ lm OUTPUT 1x69

535029

White 4000K

lm LED 1x266 ≠ lm OUTPUT 1x74

Remote electronic power supply to be ordered

IP67

Kamino180 - Two Emissions

Light Source: Power LED / CRI>80



4,4W / Total power 7W / 220÷240V

535049

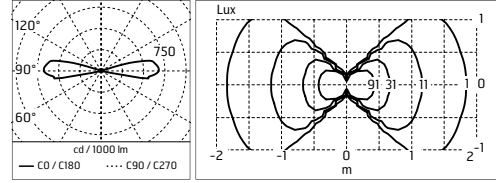
White 2700K
lm LED 2x233 ≠ lm OUTPUT 2x64

535015

White 3000K
lm LED 2x250 ≠ lm OUTPUT 2x69

535014

White 4000K
lm LED 2x266 ≠ lm OUTPUT 2x74



@ 4000K

 Kit with remote electronic power supply included

Dimmable on request

4,4W / Total power 6,4W / 24Vdc

535050


White 2700K
lm LED 2x233 ≠ lm OUTPUT 2x64

535033

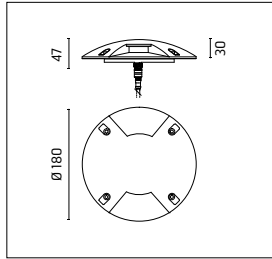
White 3000K
lm LED 2x250 ≠ lm OUTPUT 2x69

535032

White 4000K
lm LED 2x266 ≠ lm OUTPUT 2x74

 Remote electronic power supply to be ordered

IP67  



Kamino180 - Omnidirectional

Light Source: Power LED / CRI>80



8,8W / Total power 12W / 220÷240V

535051

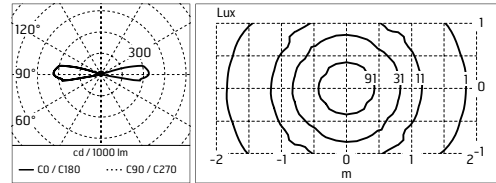
White 2700K
lm LED 4x233 ≠ lm OUTPUT 4x64

535018

White 3000K
lm LED 4x250 ≠ lm OUTPUT 4x69

535017

White 4000K
lm LED 4x266 ≠ lm OUTPUT 4x74



@ 4000K

 Kit with remote electronic power supply included

Dimmable on request

8,8W / Total power 11,2W / 24Vdc

535052


White 2700K
lm LED 4x233 ≠ lm OUTPUT 4x64

535036

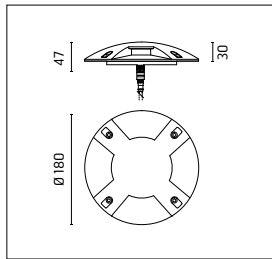
White 3000K
lm LED 4x250 ≠ lm OUTPUT 4x69

535035

White 4000K
lm LED 4x266 ≠ lm OUTPUT 4x69

 Remote electronic power supply to be ordered

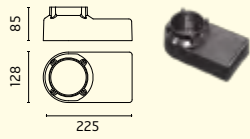
IP67  



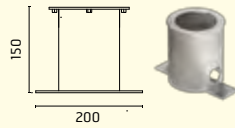


Accessories: Kamino

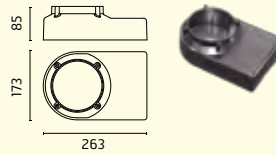
192
BOX FOR INSTALLATION
225 x 128 H 85mm



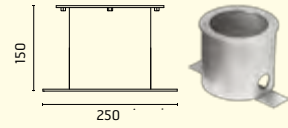
193
HIGH RESISTANCE IN-GROUND BOX
FOR INSTALLATION 200 H 150mm



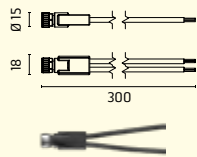
194
BOX FOR INSTALLATION
263 x 173 H 85mm



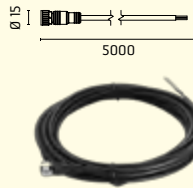
195
HIGH RESISTANCE IN-GROUND BOX
FOR INSTALLATION 250 H 150mm



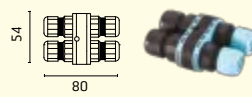
219
SPLITTER M12 CONNECTOR



220
M12 CONNECTOR L.5000mm



215
3/4 WAY TERMINAL BLOCK 4 POLES
IP68 H₂O STOP (Ø5,5÷12mm CABLE)



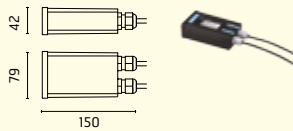
236
2 WAY TERMINAL BLOCK 4 POLES
IP68 H₂O STOP (Ø5,5÷12mm CABLE)



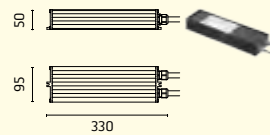
269
2 WAY TERMINAL BLOCK 2 POLES IP68
(Ø4÷6,9mm Cable)
*it can't be placed in the recessed box
for installation



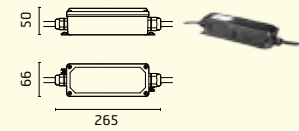
147
POWER SUPPLY 20W/220÷240V - 24Vdc
IP67 CLASS II SELV.



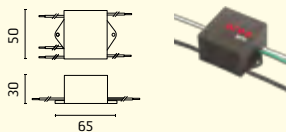
155
POWER SUPPLY 50W/120÷240V -
24Vdc
IP67 CLASS II SELV.



110
POWER SUPPLY 70W/220÷240V
- 24Vdc
IP67 CLASS II SELV EQ.



237
SPD: (SURGE PROTECTION DEVICE)
275Vac
MAXIMUM DISCHARGE CURRENT
10KA (8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNEC-
TION - IP66



Accessories: Kamino

Version 24Vdc

Remote electronic power supply to be ordered



Version 220-240V

Kit with remote electronic power supply included



acc. code ▶	192	193	194	195	219	220	215	236	147	155	110	237	269
535002	•	•					•	•				•	•
535003	•	•					•	•				•	•
535005	•	•					•	•				•	•
535006	•	•					•	•				•	•
535008	•	•					•	•				•	•
535009	•	•					•	•				•	•
535011			•	•			•	•				•	•
535012			•	•			•	•				•	•
535014			•	•			•	•				•	•
535015			•	•			•	•				•	•
535017			•	•			•	•				•	•
535018			•	•			•	•				•	•
535020	•	•			•	•			5	16	33		
535021	•	•			•	•			5	16	33		
535023	•	•			•	•			2	10	19		
535024	•	•			•	•			2	10	19		
535026	•	•			•	•			1	7	12		
535027	•	•			•	•			1	7	12		
535029			•	•	•	•			3	8	16		
535030			•	•	•	•			3	8	16		
535032			•	•	•	•			2	5	8		
535033			•	•	•	•			2	5	8		
535035			•	•	•	•			1	3	6		
535036			•	•	•	•			1	3	6		
535041	•	•					•	•				•	•
535042	•	•			•	•			5	16	33		
535043	•	•					•	•				•	•
535044	•	•			•	•			2	10	19		
535045	•	•					•	•				•	•
535046	•	•			•	•			1	7	12		
535047			•	•			•	•				•	•
535048			•	•	•	•			3	8	16		
535049			•	•			•	•				•	•
535050			•	•	•	•			2	5	8		
535051			•	•			•	•				•	•
535052			•	•	•	•			1	3	6		

Max fixtures for each power supply (Vin 220÷240). Data in the chart are provided as a guide only. Please verify according to your installation.













- Square luminaire for installation in wall and ground – recessed.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Glass diffuser fixed to the aluminium body through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP67
- In compliance with EN 60598-1 standards
- Class of insulation: III
- Installation: the luminaire is equipped with 300mm of cable for a quick connection. K12 Power LED is equipped with a dc/dc highly efficient converter that removes electromagnetic interference and allows parallel wiring. The whole range is protected against polarity reversal and sudden voltage peak. Outdoor use requires suitable flexible cables. Installation requires a dedicated box to be ordered separately. It is important to provide a >200mm gravel layer or a drain system (for concrete surface) to ensure good drainage and to avoid water stagnation.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

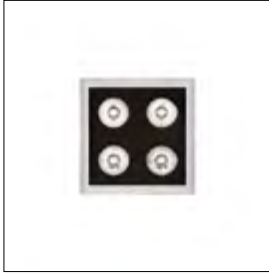
A++
A+
A

LED VERSION:
Class A/A+/A++
Luminaire supplied with integrated LED modules that cannot be replaced

	Recessed ground fitting		Recessed wall fitting
	Do not install in hollow areas		Installation requires a 20cm water drainage layer (gravel).
	Pre-wired with approx 300mm of cable.		Protection against water ingress from the cable (not for RGB versions)
	Remote device required.		Static load: 1500Kg walk over
	Glass surface temperature <70°C		Protection against impact. IK 10 - 20,00 joule

K12sq - 10°

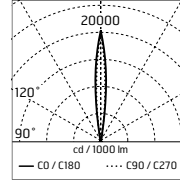
Light Source: Power LED / 6,2W / Total power 7,5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



524015
White 2700K
lm LED 637 ≈ lm OUTPUT 475

524013
White 3000K
lm LED 685 ≈ lm OUTPUT 511

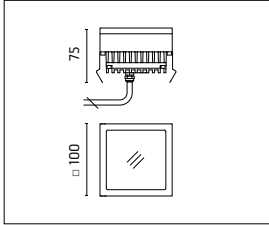
524012
White 4000K
lm LED 730 ≈ lm OUTPUT 545



m	lux	
	Max	Med
5.00	.444	268
4.00	.693	419
3.00	1.233	745
2.00	2.773	1677
1.00	11093	6709

α = 5.0° + 5.0° β = 5.0° + 5.0°

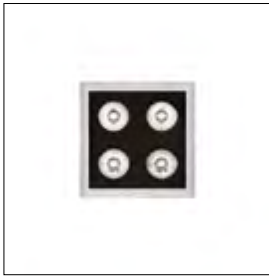
@ 4000K



IP67 CE

K12sq - 40°

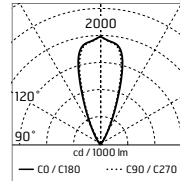
Light Source: Power LED / 6,2W / Total power 7,5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



524025
White 2700K
lm LED 637 ≈ lm OUTPUT 406

524023
White 3000K
lm LED 685 ≈ lm OUTPUT 437

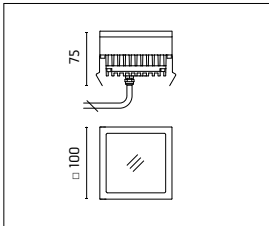
524022
White 4000K
lm LED 730 ≈ lm OUTPUT 462



m	lux	
	Max	Med
5.00	.37	23
4.00	.57	35
3.00	1.01	63
2.00	2.28	141
1.00	9.13	565

α = 20.0° + 20.0° β = 20.0° + 20.0°

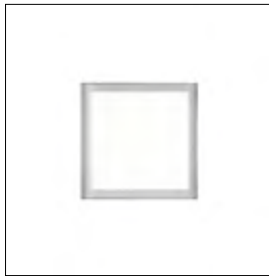
@ 4000K



IP67 CE

K12sq - Diffused Light

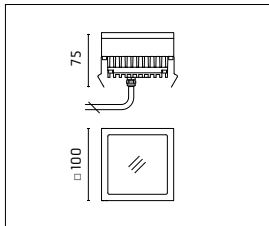
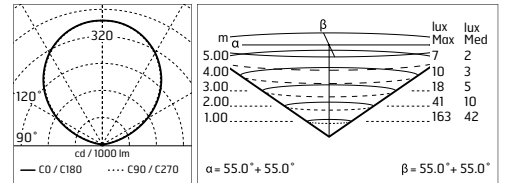
Light Source: Mid-Power LED / 5,2W / Total power 6,8W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



524005
White 2700K
lm LED 720 ≠ lm OUTPUT 396
Acc. 144, 176 or 252

524003
White 3000K
lm LED 774 ≠ lm OUTPUT 426
Acc. 144, 176 or 252

524002
White 4000K
lm LED 813 ≠ lm OUTPUT 447
Acc. 144, 176 or 252



IP67 CE

K12sq - Diffused Light

Light Source: RGB Low-Power LED / 4,6W / Total power 6,8W / CRI>80 / 3CH 24Vdc / Remote electronic power supply to be ordered

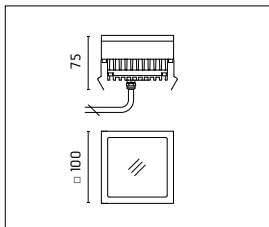


524004

Wiring diagram and installation scheme RGB

Max 8 luminaires K12sq
for each code 148

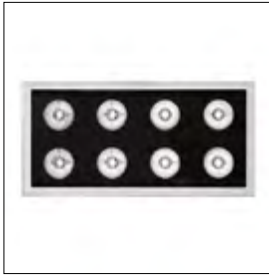
>> See Page 512
Wiring Diagram n.6



IP67 CE

K12rc - 10°

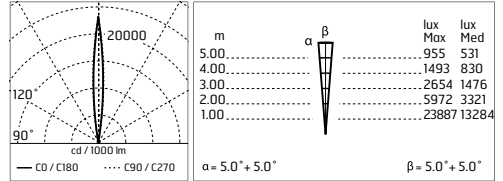
Light Source: Power LED / 12,4W / Total power 15W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



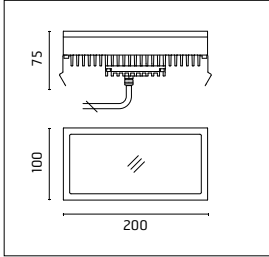
524515
White 2700K
lm LED 1274 ≠ lm OUTPUT 907

524513
White 3000K
lm LED 1370 ≠ lm OUTPUT 975

524512
White 4000K
lm LED 1459 ≠ lm OUTPUT 1031



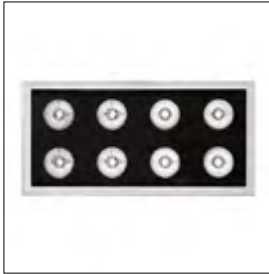
@ 4000K



IP67

K12rc - 40°

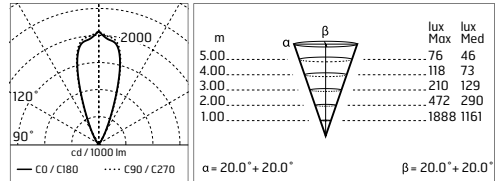
Light Source: Power LED / 12,4W / Total power 15W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



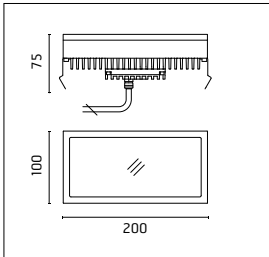
524525
White 2700K
lm LED 1274 ≠ lm OUTPUT 797

524523
White 3000K
lm LED 1370 ≠ lm OUTPUT 857

524522
White 4000K
lm LED 1459 ≠ lm OUTPUT 906



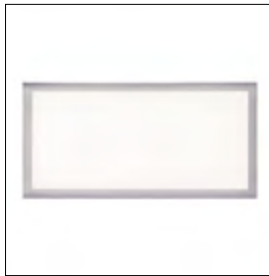
@ 4000K



IP67

K12rc - Diffused Light

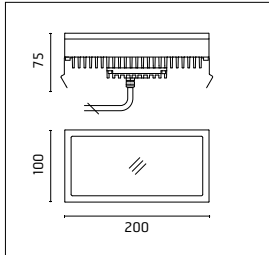
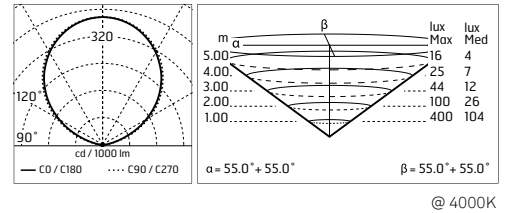
Light Source: Mid-Power LED / 11,7W / Total power 15,8W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



524505
White 2700K
lm LED 1620 \approx lm OUTPUT 939
Acc. 144, 176 or 252

524503
White 3000K
lm LED 1734 \approx lm OUTPUT 1009
Acc. 144, 176 or 252

524502
White 4000K
lm LED 1742 \approx lm OUTPUT 1060
Acc. 144, 176 or 252



IP67

K12rc - Diffused Light

Light Source: RGB Low-Power LED / 10W / Total power 10,5W / CRI>80 / 3CH 24Vdc / Remote electronic power supply to be ordered

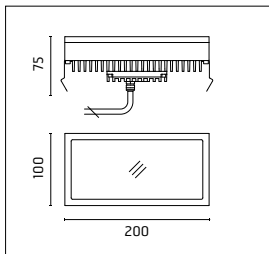


524504

Wiring diagram and installation scheme RGB

Max 4 luminaires K12rc
for each code 148

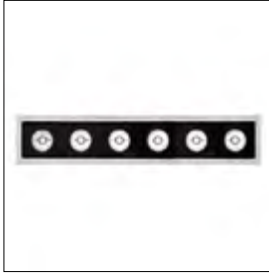
>> See Page 512
Wiring Diagram n.6



IP67

K12ln - 10°

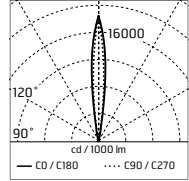
Light Source: Power LED / 9,3W / Total power 11,8W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



524115
White 2700K
lm LED 955 ≠ lm OUTPUT 852

524113
White 3000K
lm LED 1027 ≠ lm OUTPUT 916

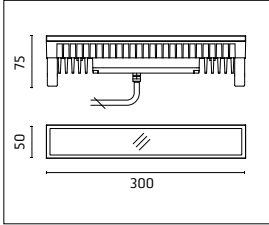
524112
White 4000K
lm LED 1094 ≠ lm OUTPUT 967



m	lux	
	Max	Med
5.00	.710	444
4.00	.110	694
3.00	.1973	1234
2.00	.4440	2776
1.00	.17761	1104

$\alpha = 5.0^\circ + 5.0^\circ$ $\beta = 5.0^\circ + 5.0^\circ$

@ 4000K



IP67

K12ln - 40°

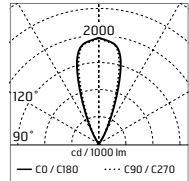
Light Source: Power LED / 9,3W / Total power 11,8W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



524125
White 2700K
lm LED 955 ≠ lm OUTPUT 648

524123
White 3000K
lm LED 1027 ≠ lm OUTPUT 697

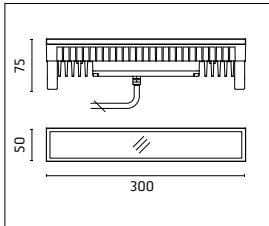
524122
White 4000K
lm LED 1094 ≠ lm OUTPUT 737



m	lux	
	Max	Med
5.00	.58	36
4.00	.90	57
3.00	.161	101
2.00	.362	228
1.00	.1447	912

$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$

@ 4000K



IP67

K12ln - Diffused light

Light Source: Mid-Power LED / 7,8W / Total power 10,5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



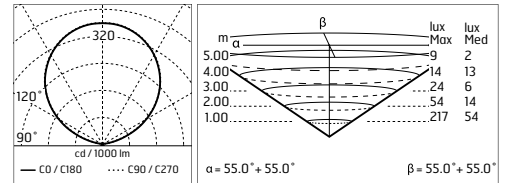
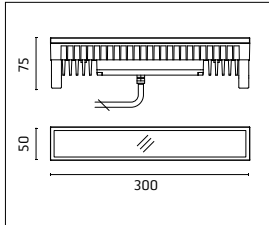
524105
White 2700K
lm LED 1080 ≠ lm OUTPUT 538
Acc. 144, 176 or 252



524103
White 3000K
lm LED 1161 ≠ lm OUTPUT 578
Acc. 144, 176 or 252



524102
White 4000K
lm LED 1219 ≠ lm OUTPUT 607
Acc. 144, 176 or 252



IP67

K12ln - Diffused light

Light Source: RGB Low-Power LED / 7,5W / Total power 8W / CRI>80 / 3CH 24Vdc / Remote electronic power supply to be ordered

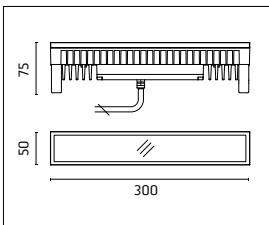


524104

Wiring diagram and installation scheme RGB

Max 5 luminaires K12ln
for each code 148

>> See Page 512
Wiring Diagram n.6



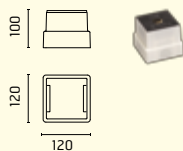
IP67



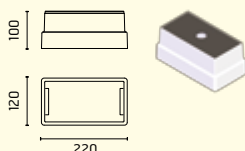


Accessories: K12

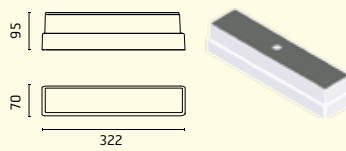
151
BOX FOR INSTALLATION
120 x 120 x H 95mm



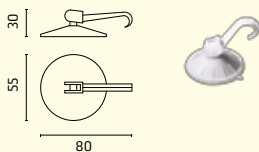
152
BOX FOR INSTALLATION
220 x 120 x H 95mm



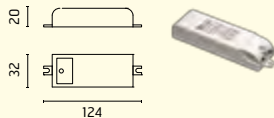
183
BOX FOR INSTALLATION
322 x 70 x H 95mm



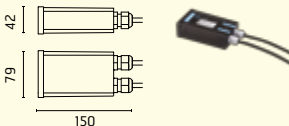
153
SUCTION CUP TO PULL THE LUMI-NAIRE



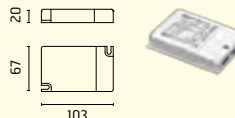
87
POWER SUPPLY 10W/110÷240V - 24Vdc IP20 CLASS II SELV.



175
POWER SUPPLY 10W/110÷240V - 24Vdc IP67 CLASS II SELV.

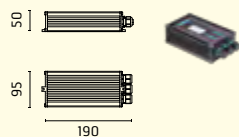


144
POWER SUPPLY 17W/110÷240V - 24Vdc (15W@110V) IP20 CLASS II SELV.

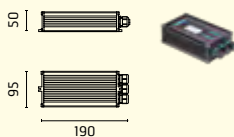


... DIMMABLE: PUSH-DIM OR 1-10V
See Page 510 Wiring Diagram n.4

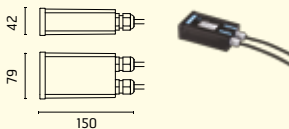
176
POWER SUPPLY 17W/110÷240V - 24Vdc (15W@110V) IP67 CLASS II SELV.



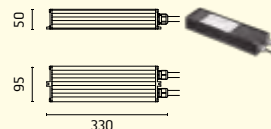
252
POWER SUPPLY 20W/110-240Vdc (15W@110V) IP67 CLASS II SELV.



147
POWER SUPPLY 20W/220÷240V - 24Vdc IP67 CLASS II SELV.



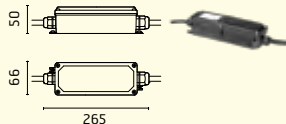
155
POWER SUPPLY 50W/120÷240V - 24Vdc IP67 CLASS II SELV.



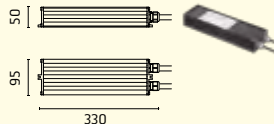
... DIMMABLE: PUSH-DIM OR 1-10V
See Page 510 Wiring Diagram n.4

... DIMMABLE: DALI
See Page 510 Wiring Diagram n.4

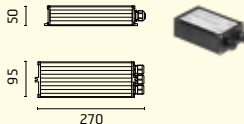
110
POWER SUPPLY 70W/220÷240V - 24Vdc IP67 CLASS II SELV EQ.



156
POWER SUPPLY 96W /120÷277V - 24Vdc IP67 CLASS II SELV.



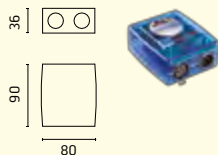
148
POWER SUPPLY WITH DMX INTERFACE FOR RGB FIXTURES 55W/220÷230V-3CHX24Vdc (3CHX18W) DMX CONTROLLER ALLOWED IP67 CLASS I SELV EQ.



142
DMX CONTROLLER; DIMMER SWITCH FOR RECESSED BOX (60mm HOLE CENTRES)



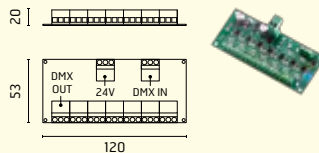
143
DMX CONTROLLER; STAND-ALONE/PC INTERFACE



186
DMX CABLE - SHIELDED TWISTED PAIR WITH 110 Ohm AT LINEAR METER CONSTANT IMPEDANCE.



187
DMX SPLITTER 512 - ELECTRONIC DEVICE TO REGENERATE THE MONODIRECTIONAL DMX SIGNAL 1 INPUT AND 7 OUTPUT, 12-24Vdc



269
2 WAY TERMINAL BLOCK 2 POLES IP68 (Ø4÷6,9mm Cable) *it can't be placed in the recessed box for installation



POWER SUPPLY TO BE ORDERED (87 OR 175 RECOMMENDED)

Accessories:K12

acc. code ▶ prod. code ▼	151	152	183	153	87	175	144	176	252	147	155	110	156	148	142	143	186	187	269
524002	•			•	1	1	2	2	1	2	6	9	13						•
524003	•			•	1	1	2	2	1	2	6	9	13						•
524004	•			•										8	•	•	•	•	
524005	•			•	1	1	2	2	1	2	6	9	13						•
524012	•			•	1	1					5	8							•
524013	•			•	1	1					5	8							•
524015	•			•	1	1					5	8							•
524022	•			•	1	1					5	8							•
524023	•			•	1	1					5	8							•
524025	•			•	1	1					5	8							•
524102			•	•			1	1	1	1	4	6	9						•
524103			•	•			1	1	1	1	4	6	9						•
524104			•	•										5	•	•	•	•	
524105			•	•			1	1	1	1	4	6	9						•
524112			•	•						1	3	6							•
524113			•	•						1	3	6							•
524115			•	•						1	3	6							•
524122			•	•						1	3	6							•
524123			•	•						1	3	6							•
524125			•	•						1	3	6							•
524502		•		•			1	1	1	1	3	4	6						•
524503		•		•			1	1	1	1	3	4	6						•
524504		•		•										4	•	•	•	•	
524505		•		•			1	1	1	1	3	4	6						•
524512		•		•						1	2	4							•
524513		•		•						1	2	4							•
524515		•		•						1	2	4							•
524522		•		•						1	2	4							•
524523		•		•						1	2	4							•
524525		•		•						1	2	4							•

Max fixtures for each power supply (Vin 220÷240). Data in the chart are provided as a guide only. Please verify according to your installation.



TAPIOCA

- Square or round luminaire – for installation in wall, ceiling or ground – recessed.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Anodized aluminium frame – only round. Glass diffuser: transparent or sandblasted, fixed to the aluminium body through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP67
- In compliance with EN 60598-1 standards
- Class of insulation: III
- Installation: the luminaire is equipped with a piece of cable for an easy-to-make connection and an H2O STOP device. Tapioca 24V is equipped with a dc/dc highly efficient resin-coated converter that removes electromagnetic interference and allows parallel wiring. The luminaire is protected against polarity reversal and sudden voltage peak. Installation requires a dedicated box to be ordered separately. It is important to provide a >200mm gravel layer or a drain system (for concrete surface) to ensure good drainage and to avoid water stagnation.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:
Class A/A+/A++
Luminaire supplied with integrated LED modules that cannot be replaced



.8 Anodized Aluminium



Recessed ground fitting



Recessed wall fitting



Do not install in hollow areas



Installation in concrete ceiling: box for installation required



Installation requires a 20cm water drainage layer (gravel).



Pre-wired with approx 200mm of cable



Protection against water ingress from the cable (not for RGB versions)



Remote device required



Static load: 500Kg walk over (version without frame)
Static load: 2000Kg walk over (version with frame)



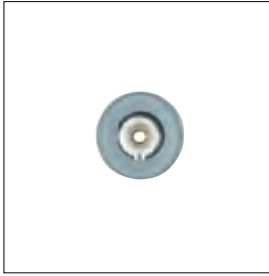
Glass surface temperature <70°C



Protection against impact.
IK 08 - 5,00 joule
IK 06 - 1,00 joule*
*(only version ø 55 mm)

Tapioca Ø 40mm - Transparent Glass - 10°

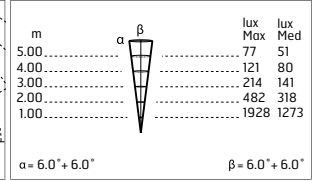
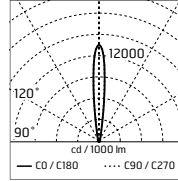
Light Source: Power LED / 1,6W / Total power 2,3W / CRI>80 / 12÷24Vdc / Remote electronic power supply to be ordered



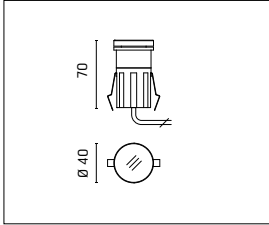
10018112
White 2700K
lm LED 167 ≠ lm OUTPUT 118

10017612
White 3000K
lm LED 180 ≠ lm OUTPUT 127

10017712
White 4000K
lm LED 195 ≠ lm OUTPUT 138



@ 4000K

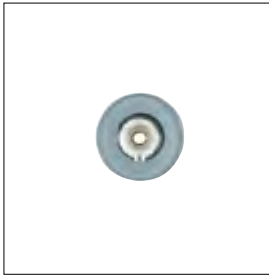


Dimmable on request

IP67

Tapioca Ø 40mm - Transparent Glass - 45°

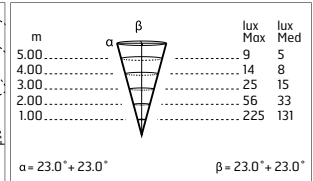
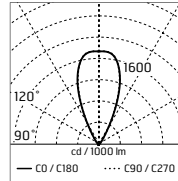
Light Source: Power LED / 1,6W / Total power 2,3W / CRI>80 / 12÷24Vdc / Remote electronic power supply to be ordered



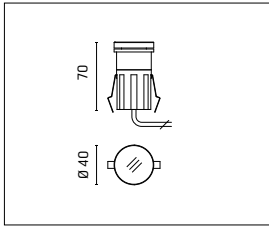
10018140
White 2700K
lm LED 167 ≠ lm OUTPUT 112

10017640
White 3000K
lm LED 180 ≠ lm OUTPUT 120

10017740
White 4000K
lm LED 195 ≠ lm OUTPUT 130



@ 4000K

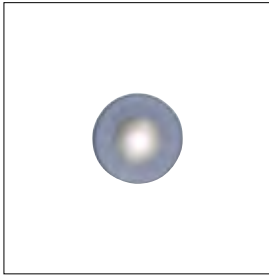


Dimmable on request

IP67

Tapioca Ø 40mm - Sandblasted Glass - Diffused Light

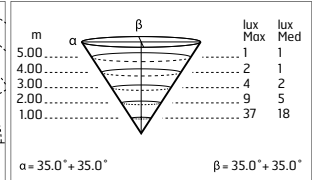
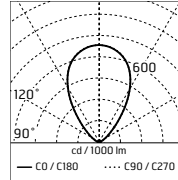
Light Source: Power LED / 1,6W / Total power 2,3W / CRI>80 / 12÷24Vdc / Remote electronic power supply to be ordered



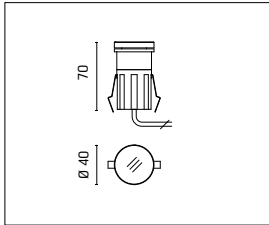
10018118
White 2700K
lm LED 167 ≠ lm OUTPUT 47

10017618
White 3000K
lm LED 180 ≠ lm OUTPUT 50

10017718
White 4000K
lm LED 195 ≠ lm OUTPUT 54



@ 4000K



Dimmable on request

IP67

Tapioca Ø 55mm -Anodized Aluminium Frame - Transparent Glass - 10°

Light Source: Power LED / 1,6W / Total power 2,3W / CRI>80 / 12÷24Vdc / Remote electronic power supply to be ordered



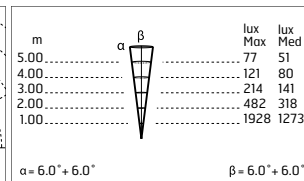
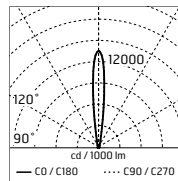
100181119
White 2700K
lm LED 167 ≠ lm OUTPUT 118



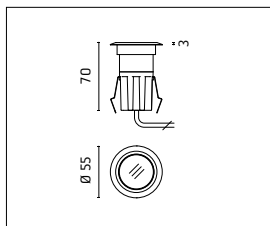
100176119
White 3000K
lm LED 180 ≠ lm OUTPUT 127



100177119
White 4000K
lm LED 195 ≠ lm OUTPUT 138



@ 4000K

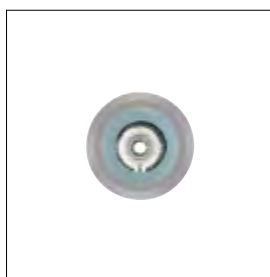


Dimmable on request



Tapioca Ø 55mm -Anodized Aluminium Frame - Transparent Glass - 45°

Light Source: Power LED / 1,6W / Total power 2,3W / CRI>80 / 12÷24Vdc / Remote electronic power supply to be ordered



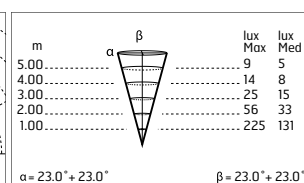
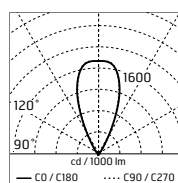
10018100
White 2700K
lm LED 167 ≠ lm OUTPUT 112



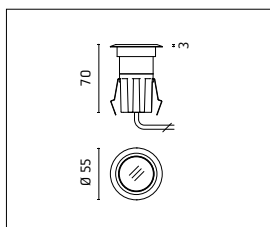
10017600
White 3000K
lm LED 180 ≠ lm OUTPUT 120



10017700
White 4000K
lm LED 195 ≠ lm OUTPUT 130



@ 4000K

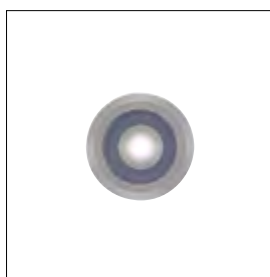


Dimmable on request



Tapioca Ø 55mm -Anodized Aluminium Frame - Sandblasted Glass - Diffused Light

Light Source: Power LED / 1,6W / Total power 2,3W / CRI>80 / 12÷24Vdc / Remote electronic power supply to be ordered



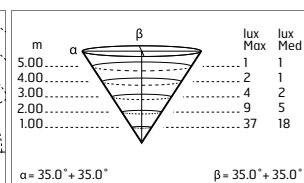
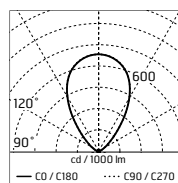
100181120
White 2700K
lm LED 167 ≠ lm OUTPUT 47



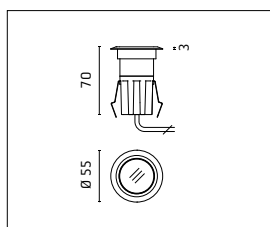
100177120
White 3000K
lm LED 180 ≠ lm OUTPUT 50



100176120
White 4000K
lm LED 195 ≠ lm OUTPUT 54



@ 4000K

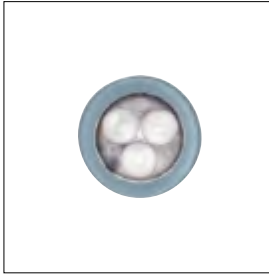


Dimmable on request



Tapioca Ø 70mm - Transparent Glass - 10°

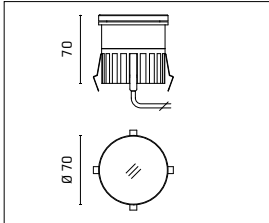
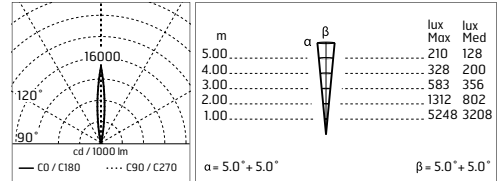
Light Source: Power LED / 4,8W / Total power 5,9W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



10018212
White 2700K
lm LED 403 ≈ lm OUTPUT 320

10017912
White 3000K
lm LED 433 ≈ lm OUTPUT 344

10018012
White 4000K
lm LED 461 ≈ lm OUTPUT 367

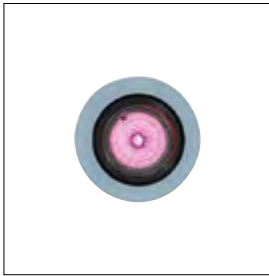


Dimmable on request

IP67

Tapioca Ø 70mm - Transparent Glass - 10°

Light Source: RGB Power LED / 3,4W / 3CHx350mA / Total power 3,4W / Remote electronic power supply to be ordered

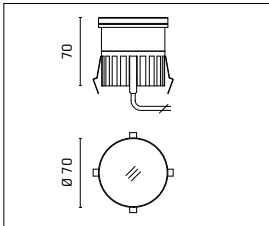


10017412

Wiring diagram and installation scheme RGB

Max 10 luminaires TAPIOCA LED RGB
for each code 141

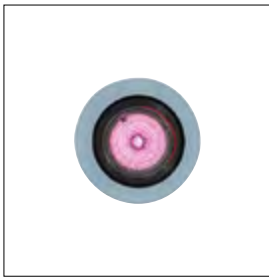
>> See Page 512
Wiring Diagram n.5



IP67

Tapioca Ø 70mm - Transparent Glass - 35°

Light Source: RGB Power LED / 3,4W / 3CHx350mA / Total power 3,4W / Remote electronic power supply to be ordered

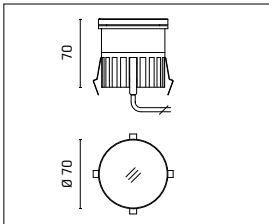


10017440

Wiring diagram and installation scheme RGB

Max 10 luminaires TAPIOCA LED RGB
for each code 141

>> See Page 512
Wiring Diagram n.5



IP67

Tapioca Ø 70mm - Transparent Glass - 50°

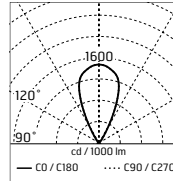
Light Source: Power LED 4,8W / Total power 5,9W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



10018240
White 2700K
lm LED 403 ≠ lm OUTPUT 286

10017940
White 3000K
lm LED 433 ≠ lm OUTPUT 308

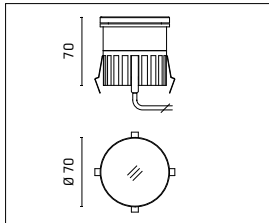
10018040
White 4000K
lm LED 461 ≠ lm OUTPUT 329



m	lux	
	Max	Med
5.00	19	11
4.00	30	18
3.00	54	32
2.00	121	71
1.00	483	286

$\alpha = 25.0^\circ + 25.0^\circ$ $\beta = 25.0^\circ + 25.0^\circ$

@ 4000K

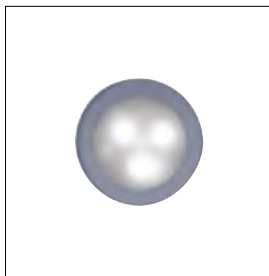


Dimmable on request



Tapioca Ø 70mm - Sandblasted Glass - Diffused Light

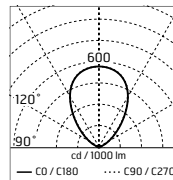
Light Source: RGB Power LED / 4,8W / Total power 5,9W / 24Vdc / Remote electronic power supply to be ordered



100182122
White 2700K
lm LED 403 ≠ lm OUTPUT 141

100179122
White 3000K
lm LED 433 ≠ lm OUTPUT 152

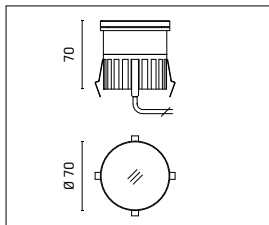
100180122
White 4000K
lm LED 461 ≠ lm OUTPUT 162



m	lux	
	Max	Med
5.00	4	2
4.00	6	3
3.00	10	5
2.00	23	10
1.00	92	41

$\alpha = 39.0^\circ + 39.0^\circ$ $\beta = 39.0^\circ + 39.0^\circ$

@ 4000K

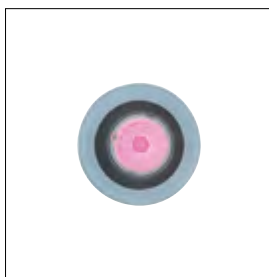


Dimmable on request



Tapioca Ø 70mm - Sandblasted Glass

Light Source: RGB Power LED / 3,4W / 3CHx350mA / Total power 3,4W / Remote electronic power supply to be ordered

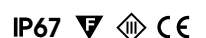
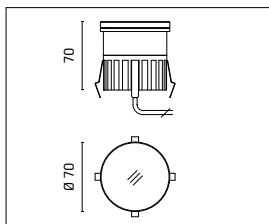


100174122

Wiring diagram and installation scheme RGB

Max 10 luminaires TAPIOCA LED RGB for each code 141

» See Page 512
Wiring Diagram n.5



Tapioca Ø 90mm - Anodized Aluminium Frame - Transparent Glass - 10°

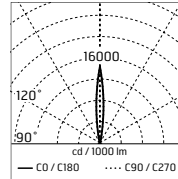
Light Source: Power LED / 4,8W / Total power 5,9W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



100182123
White 2700K
lm LED 403 ≈ lm OUTPUT 320

100179123
White 3000K
lm LED 433 ≈ lm OUTPUT 344

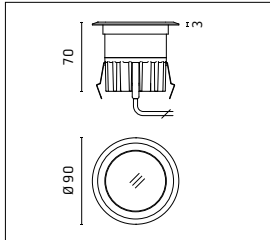
100180123
White 4000K
lm LED 461 ≈ lm OUTPUT 367



m	lux	
	Max	Med
5.00	210	128
4.00	328	200
3.00	583	356
2.00	1312	802
1.00	5248	3208

α = 5,0° + 5,0° β = 5,0° + 5,0°

@ 4000K

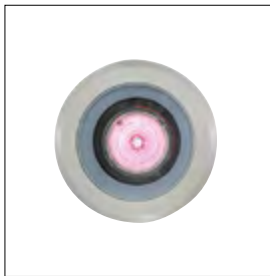


Dimmable on request

IP67

Tapioca Ø 90mm - Anodized Aluminium Frame - Transparent Glass - 10°

Light Source: RGB Power LED / 3,4W / 3CHx350mA / Total power 3,4W / Remote electronic power supply to be ordered

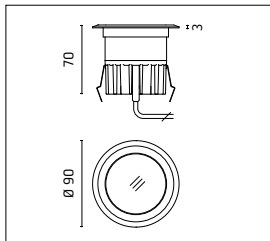


100174123

Wiring diagram and installation scheme RGB

Max 10 luminaires TAPIOCA LED RGB for each code 141

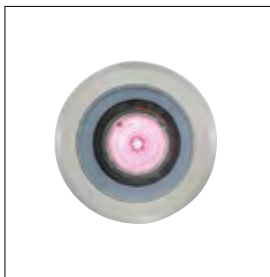
>> See Page 512
Wiring Diagram n.5



IP67

Tapioca Ø 90mm - Anodized Aluminium Frame - Transparent Glass - 35°

Light Source: RGB Power LED / 3,4W / 3CHx350mA / Total power 3,4W / Remote electronic power supply to be ordered

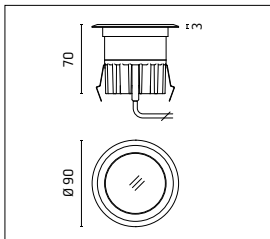


10017427

Wiring diagram and installation scheme RGB

Max 10 luminaires TAPIOCA LED RGB for each code 141

>> See Page 512
Wiring Diagram n.5



IP67

Tapioca Ø 90mm - Anodized Aluminium Frame - Transparent Glass - 50°

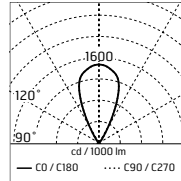
Light Source: Power LED / 4,8W / 24Vdc / Total power 5,9W / CRI>80 / Remote electronic power supply to be ordered



10018227
White 2700K
lm LED 403 ≠ lm OUTPUT 286

10017927
White 3000K
lm LED 433 ≠ lm OUTPUT 308

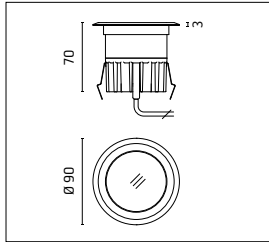
10018027
White 4000K
lm LED 461 ≠ lm OUTPUT 329



m	lux	
	Max	Med
5.00	19	11
4.00	30	18
3.00	54	32
2.00	121	71
1.00	483	286

$\alpha = 25.0^\circ + 25.0^\circ$ $\beta = 25.0^\circ + 25.0^\circ$

@ 4000K

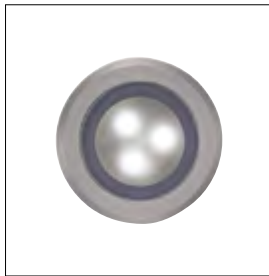


Dimmable on request

IP67

Tapioca Ø 90mm - Anodized Aluminium Frame - Sandblasted Glass - Diffused Light

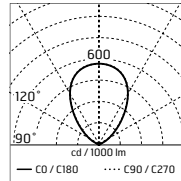
Light Source: Power LED / 4,8W / Total power 5,9W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



100182121
White 2700K
lm LED 403 ≠ lm OUTPUT 147

100179121
White 3000K
lm LED 433 ≠ lm OUTPUT 152

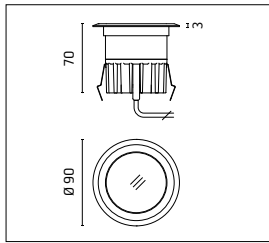
100180121
White 4000K
lm LED 461 ≠ lm OUTPUT 162



m	lux	
	Max	Med
5.00	4	2
4.00	6	3
3.00	10	5
2.00	23	10
1.00	92	41

$\alpha = 39.0^\circ + 39.0^\circ$ $\beta = 39.0^\circ + 39.0^\circ$

@ 4000K



Dimmable on request

IP67

Tapioca Ø 90mm - Anodized Aluminium Frame - Sandblasted Glass - Diffused Light

Light Source: RGB Power LED / 3,4W / 3CHx350mA / Total power 3,4W / Remote electronic power supply to be ordered

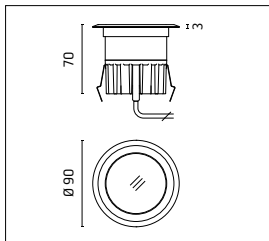


100174121

Wiring diagram and installation scheme RGB

Max 10 luminaires TAPIOCA LED RGB for each code 141

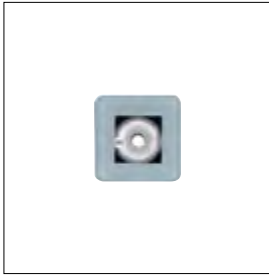
» See Page 512
Wiring Diagram n.5



IP67

Tapioca 40x40mm - Transparent Glass - 10°

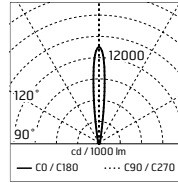
Light Source: Power LED / 1,6W / Total power 2,3W / CRI>80 / 12÷24Vdc / Remote electronic power supply to be ordered



100181133
White 2700K
lm LED 167 ≈ lm OUTPUT 118

100176133
White 3000K
lm LED 180 ≈ lm OUTPUT 127

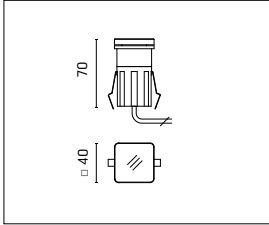
100177133
White 4000K
lm LED 195 ≈ lm OUTPUT 138



m	lux	
	Max	Med
5.00	77	51
4.00	121	80
3.00	214	141
2.00	482	318
1.00	1928	1273

α = 6.0° + 6.0° β = 6.0° + 6.0°

@ 4000K

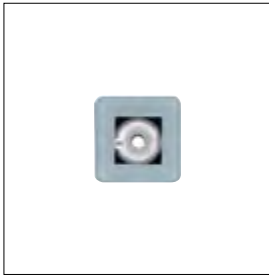


Dimmable on request



Tapioca 40x40mm - Transparent Glass - 45°

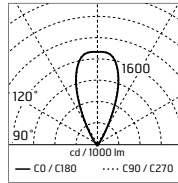
Light Source: Power LED / 1,6W / Total power 2,3W / CRI>80 / 12÷24Vdc / Remote electronic power supply to be ordered



10018141
White 2700K
lm LED 167 ≈ lm OUTPUT 112

10017641
White 3000K
lm LED 180 ≈ lm OUTPUT 120

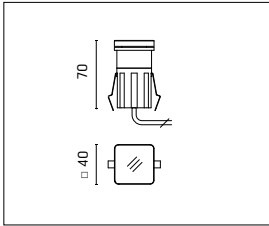
10017741
White 4000K
lm LED 195 ≈ lm OUTPUT 130



m	lux	
	Max	Med
5.00	9	5
4.00	14	8
3.00	25	15
2.00	56	33
1.00	225	131

α = 23.0° + 23.0° β = 23.0° + 23.0°

@ 4000K

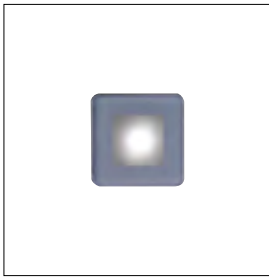


Dimmable on request



Tapioca 40x40mm - Sandblasted Glass - Diffused Light

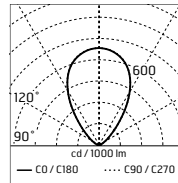
Light Source: Power LED / 1,6W / Total power 2,3W / CRI>80 / 12÷24Vdc / Remote electronic power supply to be ordered



100181124
White 2700K
lm LED 167 ≈ lm OUTPUT 47

100176124
White 3000K
lm LED 180 ≈ lm OUTPUT 50

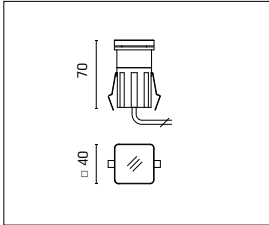
100177124
White 4000K
lm LED 195 ≈ lm OUTPUT 54



m	lux	
	Max	Med
5.00	1	1
4.00	2	1
3.00	4	2
2.00	9	5
1.00	37	18

α = 35.0° + 35.0° β = 35.0° + 35.0°

@ 4000K



Dimmable on request



Tapioca 70x70mm - Transparent Glass - 10°

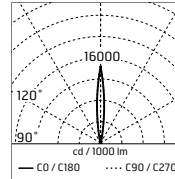
Light Source: Power LED / 4,8W / Total power 5,9W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



100182132
White 2700K
lm LED 403 ≠ lm OUTPUT 320

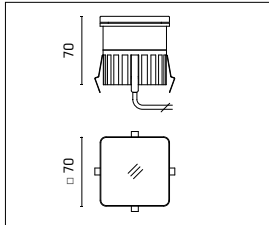
100179132
White 3000K
lm LED 433 ≠ lm OUTPUT 344

100180132
White 4000K
lm LED 461 ≠ lm OUTPUT 367



m	lux	
	Max	Med
5.00	210	128
4.00	328	200
3.00	583	356
2.00	1312	802
1.00	5248	3208

α = 5.0° + 5.0° β = 5.0° + 5.0°
@ 4000K



Dimmable on request

IP67

Tapioca 70x70mm - Transparent Glass - 10°

Light Source: RGB Power LED / 3,4W / 3CHx350mA / Total power 3,4W / Remote electronic power supply to be ordered

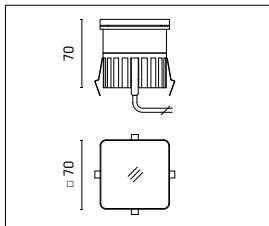


100174132

Wiring diagram and installation scheme RGB

Max 10 luminaires TAPIOCA LED RGB for each code 141

» See Page 512
Wiring Diagram n.5



IP67

Tapioca 70x70mm - Transparent Glass - 35°

Light Source: RGB Power LED / 3,4W / 3CHx350mA / Total power 3,4W / Remote electronic power supply to be ordered

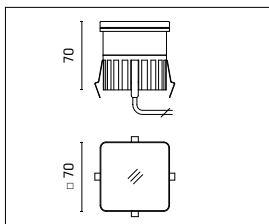


10017441

Wiring diagram and installation scheme RGB

Max 10 luminaires TAPIOCA LED RGB for each code 141

» See Page 512
Wiring Diagram n.5



IP67

Tapioca 70x70mm - Transparent Glass - 50°

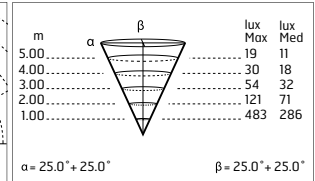
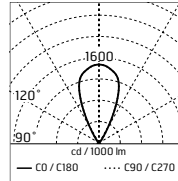
Light Source: Power LED / 4,8W / Total power 5,9W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



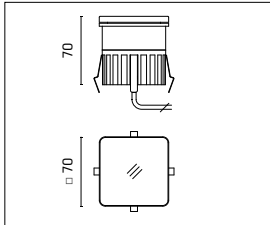
10018241
White 2700K
lm LED 403 ≈ lm OUTPUT 286

10017941
White 3000K
lm LED 433 ≈ lm OUTPUT 308

10018041
White 4000K
lm LED 461 ≈ lm OUTPUT 329



@ 4000K



Dimmable on request

IP67

Tapioca 70x70mm - Sandblasted Glass - Diffused Light

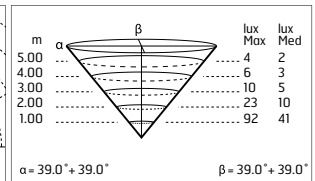
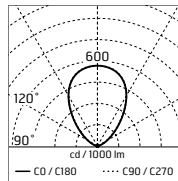
Light Source: Power LED / 4,8W / Total power 5,9W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



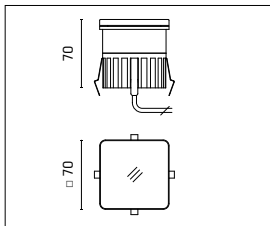
100182125
White 2700K
lm led 403 ≈ lm output 147

100179125
White 3000K
lm LED 433 ≈ lm OUTPUT 158

100180125
White 4000K
lm LED 461 ≈ lm OUTPUT 162



@ 4000K



Dimmable on request

IP67

Tapioca 70x70mm - Sandblasted Glass - Diffused Light

Light Source: Power LED / 3,4W / 3CHx350mA / Total power 3,4W / Remote electronic power supply to be ordered

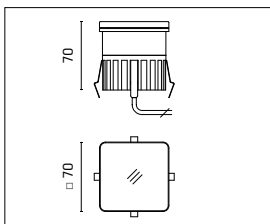


100174125

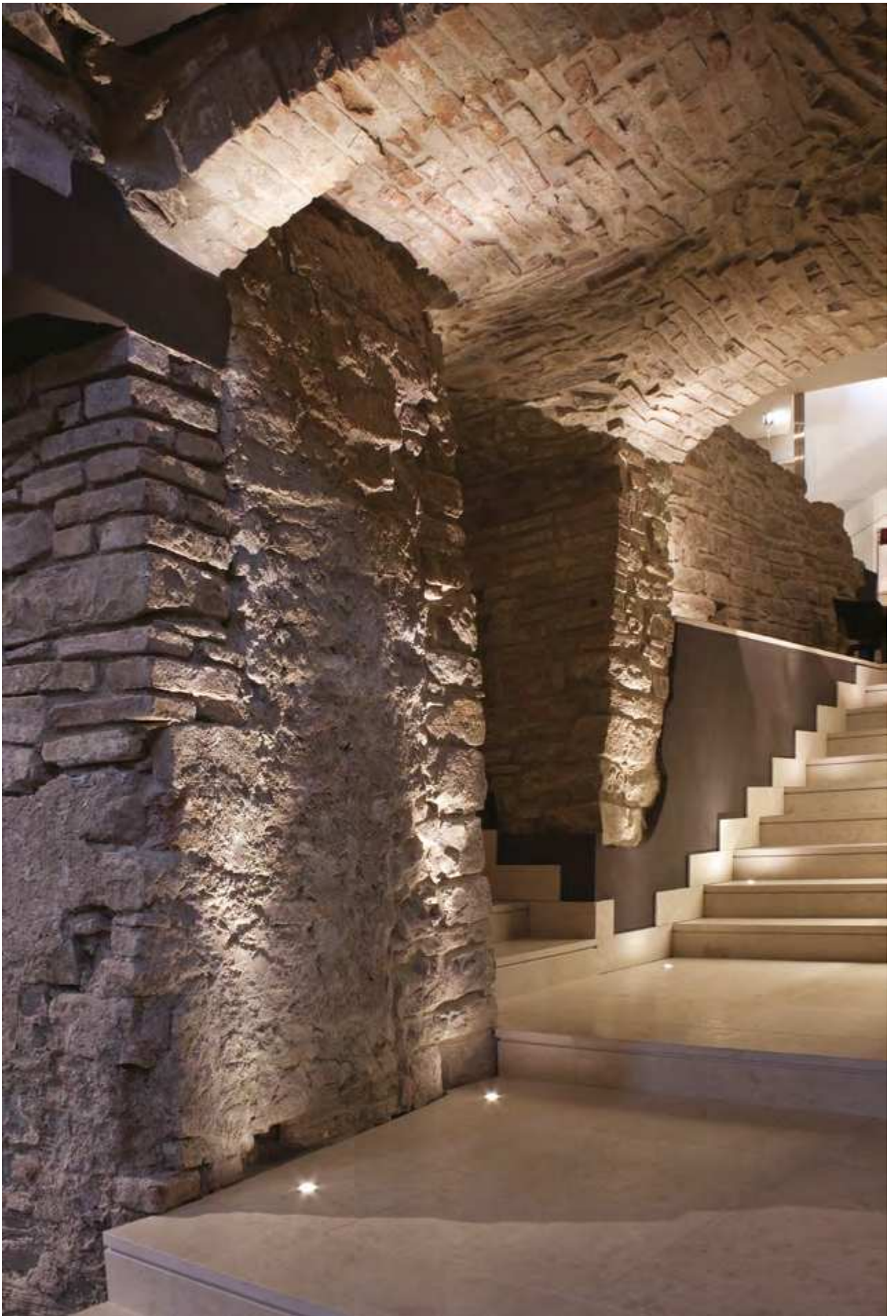
Wiring diagram and installation scheme RGB

Max 10 luminaires TAPIOCA LED RGB for each code 141

>> See Page 512
Wiring Diagram n.5

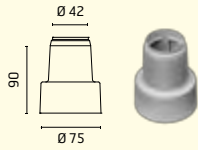


IP67

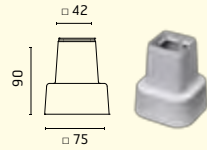


Accessories: Tapioca

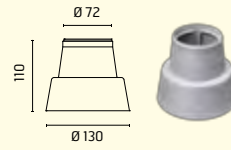
98
BOX FOR INSTALLATION
Ø 75 H 90mm



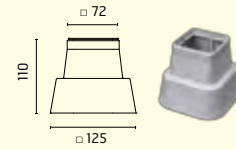
99
BOX FOR INSTALLATION
75 x 75 H 90mm



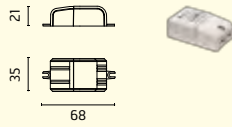
101
BOX FOR INSTALLATION
Ø 130 H 110mm



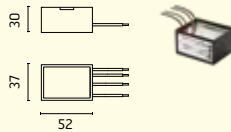
102
BOX FOR INSTALLATION
125 x 125 H 110mm



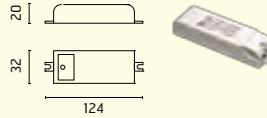
150
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP20 CLASS II SELV EQ.



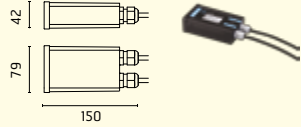
106
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP65 CLASS II SELV EQ.



87
POWER SUPPLY 10W/110÷240V -
24Vdc IP20 CLASS II SELV.



175
POWER SUPPLY 10W/110÷240V -
24Vdc
IP67 CLASS II SELV.

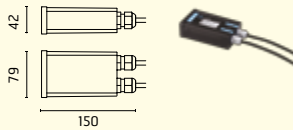


acc. code ▶	98	99	101	102	150	106	87	175	147	155	110	141	142	143	187	186	269
10017412			•									10*	•	•	•	•	
10017427			•									10*	•	•	•	•	
10017440			•									10*	•	•	•	•	
10017441				•								10*	•	•	•	•	
10017600	•				1	1	4	4	5	14	29						•
10017612	•				1	1	4	4	5	14	29						•
10017640	•				1	1	4	4	5	14	29						•
10017641		•			1	1	4	4	5	14	29						•
10017700	•				1	1	4	4	5	14	29						•
10017712	•				1	1	4	4	5	14	29						•
10017740	•				1	1	4	4	5	14	29						•
10017741		•			1	1	4	4	5	14	29						•
10017912			•				1	1	2	6	12						•
10017927			•				1	1	2	6	12						•
10017940			•				1	1	2	6	12						•
10017941				•			1	1	2	6	12						•
10018012			•				1	1	2	6	12						•
10018027			•				1	1	2	6	12						•
10018040			•				1	1	2	6	12						•
10018041				•			1	1	2	6	12						•
10018100	•				1	1	4	4	5	14	29						•
10018112	•				1	1	4	4	5	14	29						•
10018140	•				1	1	4	4	5	14	29						•
10018141		•			1	1	4	4	5	14	29						•
10018212			•				1	1	2	6	12						•
10018227			•				1	1	2	6	12						•
10018240			•				1	1	2	6	12						•
10018241				•			1	1	2	6	12						•
100174121			•									10*	•	•	•	•	
100174122			•									10*	•	•	•	•	
100174123			•									10*	•	•	•	•	
100174125				•								10*	•	•	•	•	
100174132				•								10*	•	•	•	•	

Accessories: Tapioca

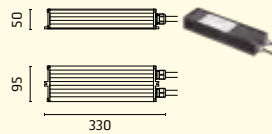
147

POWER SUPPLY 20W/220±240V - 24Vdc IP67 CLASS II SELV.



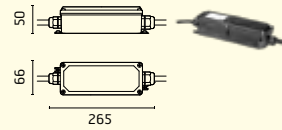
155

POWER SUPPLY 50W/120±240V - 24Vdc IP67 CLASS II SELV.



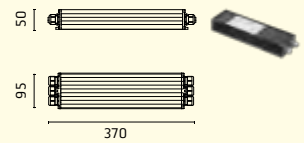
110

POWER SUPPLY 70W/220±240V - 24Vdc IP67 CLASS II SELV EQ.



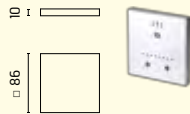
141

POWER SUPPLY WITH DMX INTERFACE FOR RGB FIXTURES 36W/220±240V-3CHx350mA (3CHx10x1W) DMX CONTROL ALLOWED IP67 CLASS I SELV EQ.



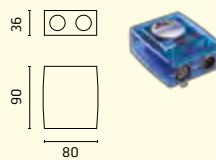
142

DMX CONTROLLER; DIMMER SWITCH FOR RECESSED BOX (60mm HOLE CENTRES)



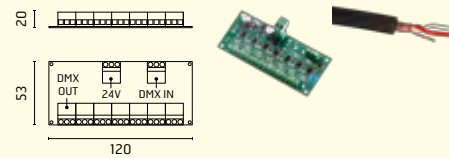
143

DMX CONTROLLER; STAND-ALONE/PC INTERFACE



187

DMX SPLITTER 512 - ELECTRONIC DEVICE TO REGENERATE THE MONODIRECTIONAL DMX SIGNAL 1 INPUT AND 7 OUTPUT, 12-24Vdc



186

DMX CABLE - SHIELDED TWISTED PAIR WITH 110 Ohm AT LINEAR METER CONSTANT IMPEDANCE.

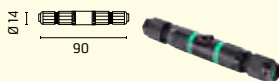


POWER SUPPLY TO BE ORDERED (87 OR 175 RECOMMENDED)

269

2 WAY TERMINAL BLOCK 2 POLES IP68 (Ø4±6,9mm Cable)

*it can't be placed in the recessed box for installation



acc. code ▶	98	99	101	102	150	106	87	175	147	155	110	141	142	143	187	186	269
100176118	•				1	1	4	4	5	14	29						•
100176119	•				1	1	4	4	5	14	29						•
100176120	•				1	1	4	4	5	14	29						•
100176124		•			1	1	4	4	5	14	29						•
100176133		•			1	1	4	4	5	14	29						•
100177118	•				1	1	4	4	5	14	29						•
100177119	•				1	1	4	4	5	14	29						•
100177120	•				1	1	4	4	5	14	29						•
100177124		•			1	1	4	4	5	14	29						•
100177133		•			1	1	4	4	5	14	29						•
100179121			•				1	1	2	6	12						•
100179122			•				1	1	2	6	12						•
100179123			•				1	1	2	6	12						•
100179125				•			1	1	2	6	12						•
100179132				•			1	1	2	6	12						•
100180121			•				1	1	2	6	12						•
100180122			•				1	1	2	6	12						•
100180123			•				1	1	2	6	12						•
100180125				•			1	1	2	6	12						•
100180132				•			1	1	2	6	12						•
100181118	•				1	1	4	4	5	14	29						•
100181119	•				1	1	4	4	5	14	29						•
100181120	•				1	1	4	4	5	14	29						•
100181124		•			1	1	4	4	5	14	29						•
100181133		•			1	1	4	4	5	14	29						•
100182121			•				1	1	2	6	12						•
100182122			•				1	1	2	6	12						•
100182123			•				1	1	2	6	12						•
100182125		•					1	1	2	6	12						•
100182132				•			1	1	2	6	12						•

Max fixtures for each power supply (Vin 220±240). Data in the chart are provided as a guide only. Please verify according to your installation.

* The voltage at the end of the system depends on the number of fixtures connected in series, please comply with CEI 64-8 standards.



CASSIOPEA

- Square or round luminaire – for installation in-ground where recessing depth are limited (up to 120mm) – recessed.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). AISI 316L stainless steel outer frame. Glass diffuser: transparent with silkscreen border.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP67
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: the luminaire is equipped with a piece of cable with a 2-way connector for 3-conductor cables (H2O STOP) for an easy-to-make connection. RGB version: the luminaire is equipped with 2 pieces of cable, no H2O STOP connector provided. Outdoor use requires suitable flexible cables. Installation requires a dedicated box to be ordered separately. It is important to provide a >300mm gravel layer or a drain system (for concrete surfaces) to ensure good drainage and to avoid water stagnation.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:
Class A/A+/A++
Luminaire supplied with integrated LED modules that cannot be replaced



.0 Inox



Recessed ground fitting



Installation requires a 30cm water drainage layer (gravel)



Do not install in hollow areas



Pre-wired with approx 250mm of cable (RGB: pre-wired with 2x250mm cables)



Protection against water ingress from the cable (not for RGB versions)



Static load: 2000Kg walk over (round version)
Static load: 3000Kg walk over (square version)



Drive over



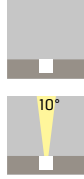
Glass surface temperature <70°C



Protection against impact.
IK 09 - 10,00 joule

Cassiopea Round Version - 10°

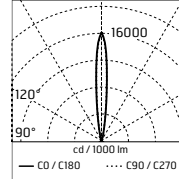
Light Source: Power LED / 22W / Total power 28W / CRI>80 / 110±240V / Integral electronic power supply



7511512
7511512-300 Dimmable Dali
7511512-310 Dimmable 1-10
 White 2700K
 lm LED 2327 ≠ lm OUTPUT 1883

7511312
7511312-300 Dimmable Dali
7511312-310 Dimmable 1-10
 White 3000K
 lm LED 2502 ≠ lm OUTPUT 2025

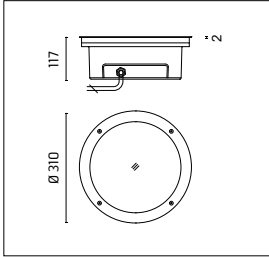
7518412
7518412-300 Dimmable Dali
7518412-310 Dimmable 1-10
 White 4000K
 lm LED 2664 ≠ lm OUTPUT 2156



m	lux	
	Max	Med
5.00	.1400	884
4.00	.2188	1381
3.00	.3890	2455
2.00	.8753	5525
1.00	35011	22099

α = 5.0° + 5.0° β = 5.0° + 5.0°

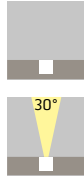
@ 4000K



IP67

Cassiopea Round Version - 30°

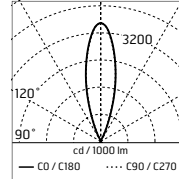
Light Source: Power LED / 22W / Total power 28W / CRI>80 / 110±240V / Integral electronic power supply



7511413
7511413-300 Dimmable Dali
7511413-310 Dimmable 1-10
 White 2700K
 lm LED 2327 ≠ lm OUTPUT 1783

7511313
7511313-300 Dimmable Dali
7511313-310 Dimmable 1-10
 White 3000K
 lm LED 2502 ≠ lm OUTPUT 1917

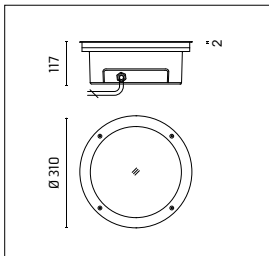
7518413
7518413-300 Dimmable Dali
7518413-310 Dimmable 1-10
 White 4000K
 lm LED 2664 ≠ lm OUTPUT 2041



m	lux	
	Max	Med
5.00	.287	173
4.00	.449	270
3.00	.798	479
2.00	1.795	1079
1.00	7181	4314

α = 15.0° + 15.0° β = 15.0° + 15.0°

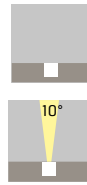
@ 4000K



IP67

Cassiopea Round Version - 10°

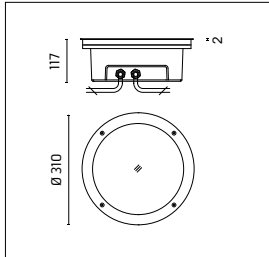
Light Source: RGB Power LED / 34W / Total power 40W / 230V with DMX - RDM / 110=240V / Integral electronic power supply



7518512.A

Wiring diagram and installation scheme RGB

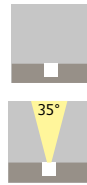
>> See Page 513
Wiring Diagram n.8



IP67   

Cassiopea Round Version - 35°

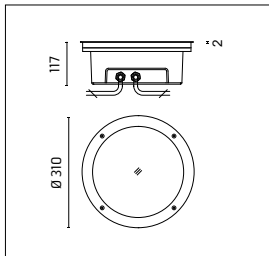
Light Source: RGB Power LED / 34W / Total power 40W / 230V with DMX - RDM / 110=240V / Integral electronic power supply



7518513.A

Wiring diagram and installation scheme RGB

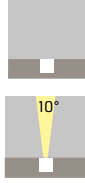
>> See Page 513
Wiring Diagram n.8



IP67   

Cassiopea Square Version - 10°

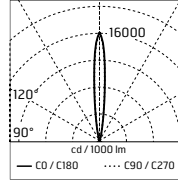
Light Source: Power LED / 22W / Total power 28W / CRI>80 / 110±240V / Integral electronic power supply



7611512
7611512-300 Dimmable Dali
7611512-310 Dimmable 1-10
 White 2700K
 lm LED 2327 ≠ lm OUTPUT 1883

7611312
7611312-300 Dimmable Dali
7611312-310 Dimmable 1-10
 White 3000K
 lm LED 2502 ≠ lm OUTPUT 2025

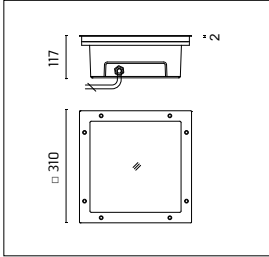
7618412
7618412-300 Dimmable Dali
7618412-310 Dimmable 1-10
 White 4000K
 lm LED 2664 ≠ lm OUTPUT 2156



m	lux	
	Max	Med
5.00	.1400	884
4.00	.2188	1381
3.00	.3890	2455
2.00	.8753	5525
1.00	35011	22099

$\alpha = 5.0^\circ + 5.0^\circ$ $\beta = 5.0^\circ + 5.0^\circ$

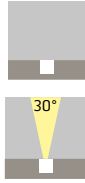
@ 4000K



IP67

Cassiopea Square Version - 30°

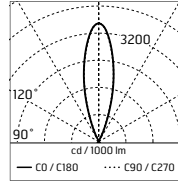
Light Source: Power LED / 22W / Total power 28W / CRI>80 / 110±240V / Integral electronic power supply



7611513
7611513-300 Dimmable Dali
7611513-310 Dimmable 1-10
 White 2700K
 lm LED 2327 ≠ lm OUTPUT 1783

7611313
7611313-300 Dimmable Dali
7611313-310 Dimmable 1-10
 White 3000K
 lm LED 2502 ≠ lm OUTPUT 1917

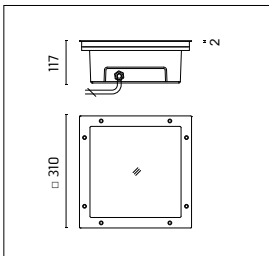
7618413
7618413-300 Dimmable Dali
7618413-310 Dimmable 1-10
 White 4000K
 lm LED 2664 ≠ lm OUTPUT 2041



m	lux	
	Max	Med
5.00	.287	173
4.00	.449	270
3.00	.798	479
2.00	1.795	1079
1.00	7181	4314

$\alpha = 15.0^\circ + 15.0^\circ$ $\beta = 15.0^\circ + 15.0^\circ$

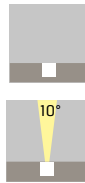
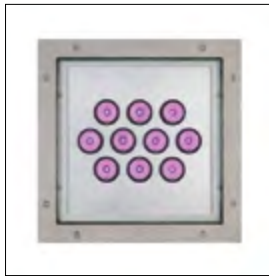
@ 4000K



IP67

Cassiopea Square Version - 10°

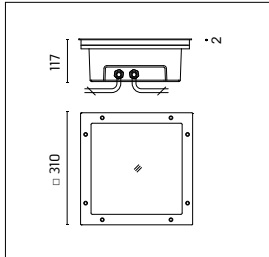
Light Source: RGB Power LED / 34W / Total power 40W / 230V with DMX - RDM / 110=240V / Integral electronic power supply



7618512.A

Wiring diagram and installation scheme RGB

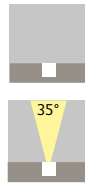
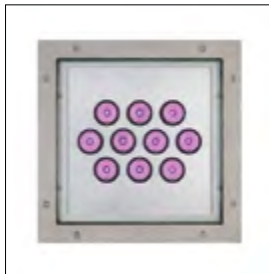
>> See Page 513
Wiring Diagram n.8



IP67   

Cassiopea Square Version - 35°

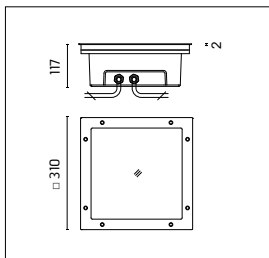
Light Source: RGB Power LED / 34W / Total power 40W / 230V with DMX - RDM / 110=240V / Integral electronic power supply



7618513.A

Wiring diagram and installation scheme RGB

>> See Page 513
Wiring Diagram n.8

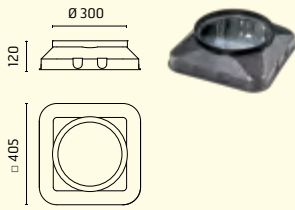


IP67   

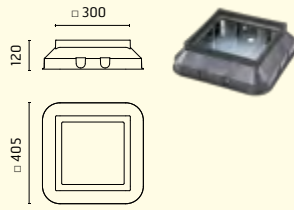


Accessories: Cassiopea

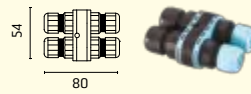
73
BOX FOR INSTALLATION
405 x 405 H 120mm



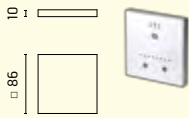
74
BOX FOR INSTALLATION
405 x 405 H 120mm



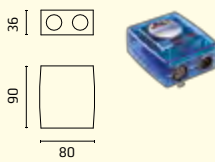
215
3/4 WAY TERMINAL BLOCK 4 POLES
IP68 HzO STOP (Ø5,5÷12mm CABLE)



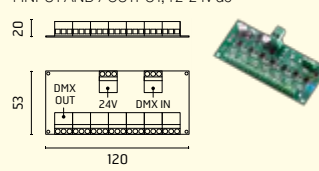
142
DMX CONTROLLER;
DIMMER SWITCH FOR RECESSED BOX
(60mm HOLE CENTRES)



143
DMX CONTROLLER;
STAND-ALONE/PC INTERFACE



187
DMX SPLITTER 512 - ELECTRONIC DEVICE
TO REGENERATE THE MONODIRECTIONAL
DMX SIGNAL
1 INPUT AND 7 OUTPUT, 12-24V dc

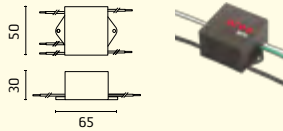


POWER SUPPLY TO BE ORDERED (87 OR 175 RECOMMENDED)

186
DMX CABLE - SHIELDED TWISTED
PAIR WITH 110 Ohm AT LINEAR METER
CONSTANT IMPEDANCE.



237
SPD: (SURGE PROTECTION DEVICE)
275Vac
MAXIMUM DISCHARGE CURRENT 10KA
(8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNECTION
- IP66



acc. code ▶	dimm DALI	dimm 1-10	73	74	215	142	143	187	186	237
7511312	-300	-310	•		•					•
7511313	-300	-310	•		•					•
7511413	-300	-310	•		•					•
7511512	-300	-310	•		•					•
7518412	-300	-310	•		•					•
7518413	-300	-310	•		•					•
7518512.A			•			•	•	•	•	•
7518513.A			•			•	•	•	•	•
7611312	-300	-310		•	•					•
7611313	-300	-310		•	•					•
7611512	-300	-310		•	•					•
7611513	-300	-310		•	•					•
7618412	-300	-310		•	•					•
7618413	-300	-310		•	•					•
7618512.A				•		•	•	•	•	•
7618513.A				•		•	•	•	•	•



- Linear luminaire for installation in ground or ceiling – recessed.
- Configuration: extruded aluminium body and die-cast double closing end on each side. Glass diffuser: 8mm thick transparent or sandblasted with silkscreen border, fixed to the aluminium body through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP67
- In compliance with EN 60598-1 standards
- Class of insulation: fluorescent lamp: II; LED module: I
- Installation: the electrical components are installed on a removable frame. Wiring through two plastic M20 cable glands (6ϕ<math><12\text{mm}</math> cables) placed on one of the two closing ends where a plastic box allows connection to the removable electric module. RGB version: the luminaire is equipped with two pieces of cable for an easy-to-make connection. Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland. Installation requires a dedicated box to be ordered separately. It is important to provide a >200mm gravel layer or a drain system (for concrete surfaces) to ensure good drainage and to avoid water stagnation.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:
Class A/A+/A++
Luminaire supplied with integrated LED modules that cannot be replaced

FLUORESCENT VERSION:
Class A+
T16/G5



.6 Grey



Recessed ground fitting



Ceiling recessed installation (for L 645 and L 1245 version only)



Do not install in hollow areas



Installation requires a 20cm water drainage layer (gravel)



The fitting is equipped with 2 cable input.



Version RGB: Pre-wired with approx 200mm of cable



Static load: 1500Kg walk over



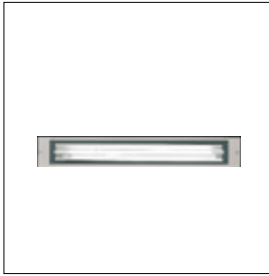
Check that diffuser's temperature "T max °C"(tested at 25°C) complies with your local regulation
Glass surface temperature <math><70^{\circ}\text{C}</math> for LED source



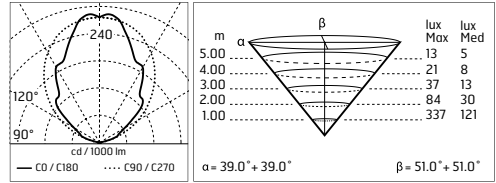
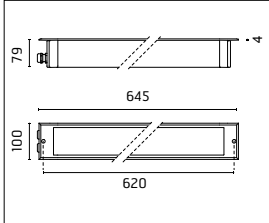
Protection against impact.
IK 09 - 10,00 joule

Cielo L 645 mm - Transparent Glass - Symmetric Optic

Light Source: T16 / 14W / G5 / T 40°C / Electronic ballast



944213
944213-300 Dimmable Dali



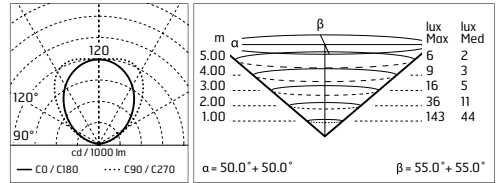
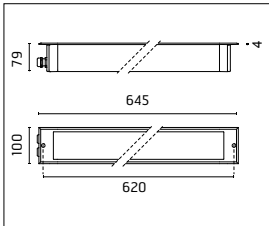
IP67

Cielo L 645 mm - Sandblasted Glass - Symmetric Optic

Light Source: T16 / 14W / G5 / T 40°C / Electronic ballast



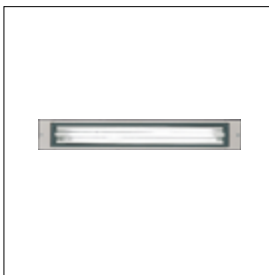
944257
944257-300 Dimmable Dali



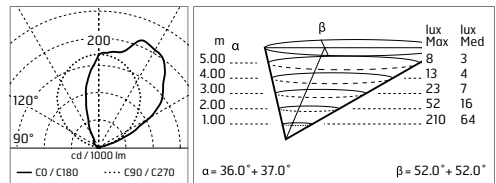
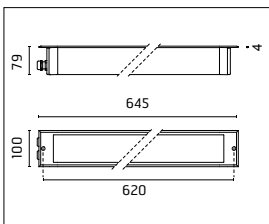
IP67

Cielo L 645 mm - Transparent Glass - Asymmetric Optic

Light Source: T16 / 14W / G5 / T 40°C / Electronic ballast



944214
944214-300 Dimmable Dali



IP67

Cielo L 645 mm - Transparent Glass - Adjustable Optic - 10°

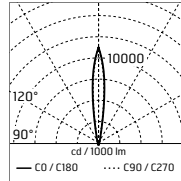
Light Source: Power LED / 13,2W / Total power 16W / CRI >80 / 220÷240V / Integral electronic power supply



948512
948512-300 Dimmable Dali
948512-310 Dimmable 1-10
 White 2700K
 lm LED 1339 ≠ lm OUTPUT 1222

948312
948312-300 Dimmable Dali
948312-310 Dimmable 1-10
 White 3000K
 lm LED 1440 ≠ lm OUTPUT 1314

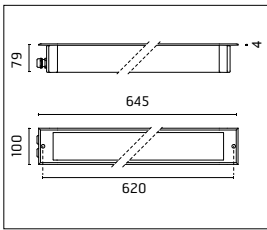
9418612
9418612-300 Dimmable Dali
9418612-310 Dimmable 1-10
 White 4000K
 lm LED 1560 ≠ lm OUTPUT 1423



m	lux	
	Max	Med
5.00	637	397
4.00	995	621
3.00	1769	1104
2.00	3980	2484
1.00	15922	9936

α = 6.0° + 6.0° β = 6.0° + 6.0°

@ 4000K



IP67

Cielo L 645 mm - Transparent Glass - Adjustable Optic - 45°

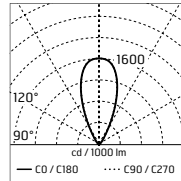
Light Source: Power LED / 13,2W / Total power 16W / CRI >80 / 220÷240V / Integral electronic power supply



948513
948513-300 Dimmable Dali
948513-310 Dimmable 1-10
 White 2700K
 lm LED 1339 ≠ lm OUTPUT 1071

948313
948313-300 Dimmable Dali
948313-310 Dimmable 1-10
 White 3000K
 lm LED 1440 ≠ lm OUTPUT 1152

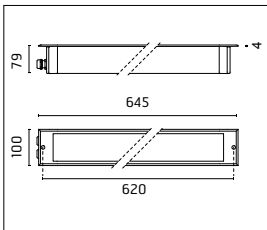
9418613
9418613-300 Dimmable Dali
9418613-310 Dimmable 1-10
 White 4000K
 lm LED 1560 ≠ lm OUTPUT 1248



m	lux	
	Max	Med
5.00	80	49
4.00	125	76
3.00	223	135
2.00	502	303
1.00	2007	1213

α = 22.0° + 22.0° β = 22.0° + 22.0°

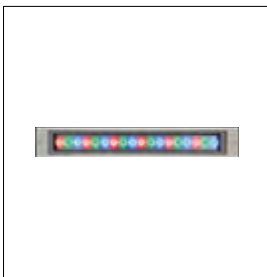
@ 4000K



IP67

Cielo L 645 mm - Sandblasted Glass

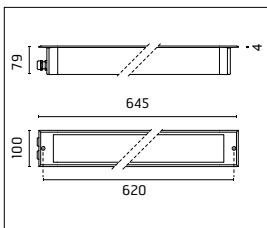
Light Source: RGB Power LED / 28W / Total power 26W / 220÷240V with DMX-RDM interface / Integral electronic power supply



9418713.A

Wiring diagram and installation scheme RGB

>> See Page 513
 Wiring Diagram n.8



IP67

Cielo L 645 mm - Transparent Glass - Adjustable Optic - 12°+ 54°

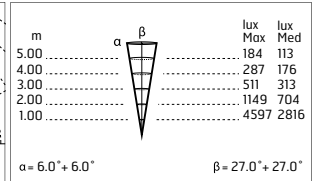
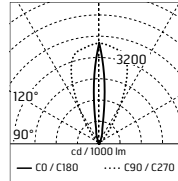
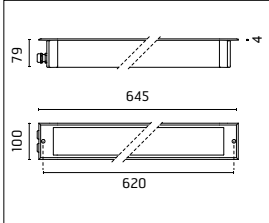
Light Source: Power LED / 13,2W / Total power 16W / CRI >80 / 220=240V / Integral electronic power supply



9485131
9485131-300 Dimmable Dali
 White 2700K
 lm LED 1339 ≠ lm OUTPUT 1074

9483131
9483131-300 Dimmable Dali
 White 3000K
 lm LED 1440 ≠ lm OUTPUT 1155

94186131
94186131-300 Dimmable Dali
 White 4000K
 lm LED 1560 ≠ lm OUTPUT 1251

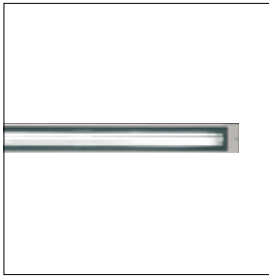


@ 4000K

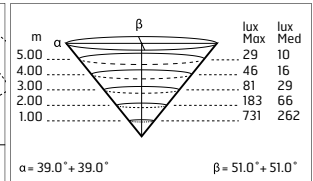
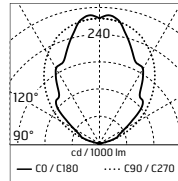
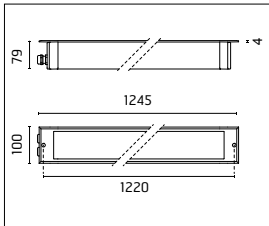
IP67

Cielo L 1245 mm - Transparent Glass - Symmetric Optic

Light Source: T16 / 28W / G5 / T 40°C / Electronic ballast



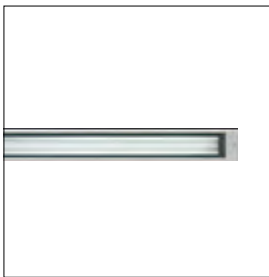
944813
944813-300 Dimmable Dali



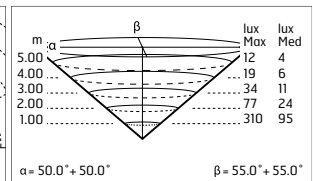
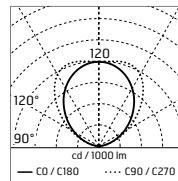
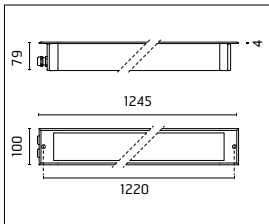
IP67

Cielo L 1245 mm - Sandblasted Glass - Symmetric Optic

Light Source: T16 / 28W / G5 / T 40°C / Electronic ballast



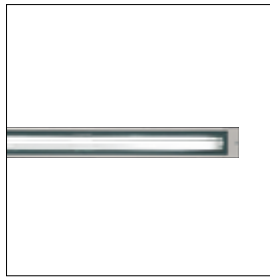
944857
944857-300 Dimmable Dali



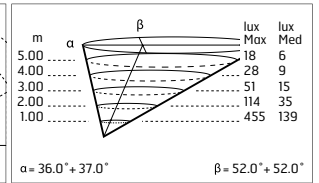
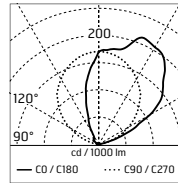
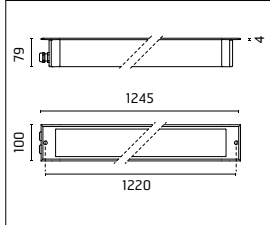
IP67

Cielo L 1245 mm - Transparent Glass - Asymmetric Optic

Light Source: T16 / 28W / G5 / T 40°C / Electronic ballast



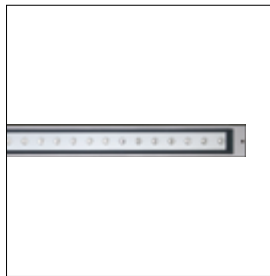
944814
944814-300 Dimmable Dali



IP67

Cielo L 1245 mm - Transparent Glass - Adjustable Optic - 10°

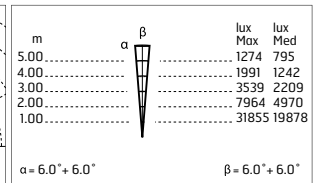
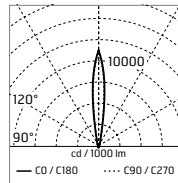
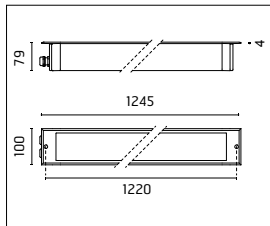
Light Source: Power LED / 26,4W / Total power 32W / CRI >80 / 220÷240V / Integral electronic power supply



948612
948612-300 Dimmable Dali
948612-310 Dimmable 1-10
 White 2700K
 lm LED 2678 ≠ lm OUTPUT 2444

948012
948012-300 Dimmable Dali
948012-310 Dimmable 1-10
 White 3000K
 lm LED 2880 ≠ lm OUTPUT 2628

9418812
9418812-300 Dimmable Dali
9418812-310 Dimmable 1-10
 White 4000K
 lm LED 3120 ≠ lm OUTPUT 2847

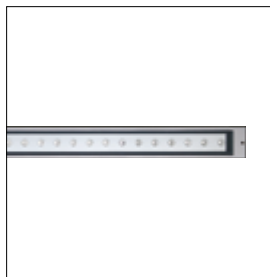


@ 4000K

IP67

Cielo L 1245 mm - Transparent Glass - Adjustable Optic - 45°

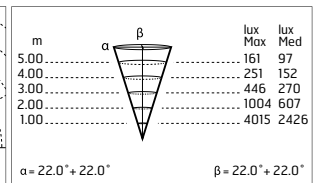
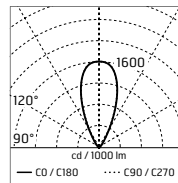
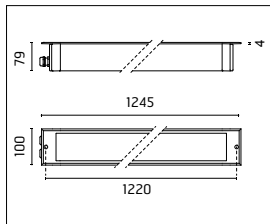
Light Source: Power LED / 26,4W / Total power 32W / CRI >80 / 220÷240V / Integral electronic power supply



948613
948613-300 Dimmable Dali
948613-310 Dimmable 1-10
 White 2700K
 lm LED 2678 ≠ lm OUTPUT 2142

948013
948013-300 Dimmable Dali
948013-310 Dimmable 1-10
 White 3000K
 lm LED 2880 ≠ lm OUTPUT 2303

9418813
9418813-300 Dimmable Dali
9418813-310 Dimmable 1-10
 White 4000K
 lm LED 3120 ≠ lm OUTPUT 2495

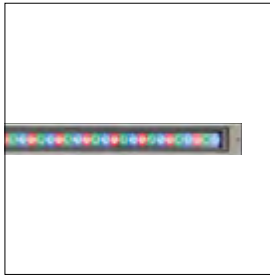


@ 4000K

IP67

Cielo L 1245 mm - Sandblasted Glass

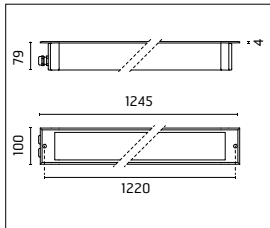
Light Source: RGB Power LED / 48W / Total power 44W / 220÷240V with DMX-RDM interface / Integral electronic power supply



9418913.A

Wiring diagram and installation scheme RGB

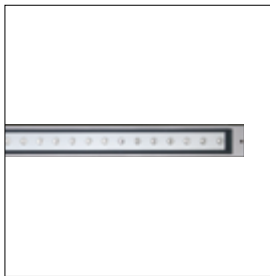
>> See Page 513
Wiring Diagram n.8



IP67

Cielo L 1245 mm - Transparent Glass - Adjustable Optic - 12° + 54°

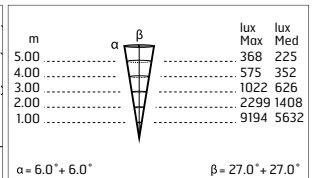
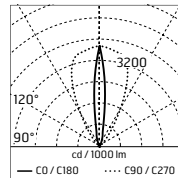
Light Source: Power LED / 26,4W / Total power 32W / CRI >80 / 220÷240V / Integral electronic power supply



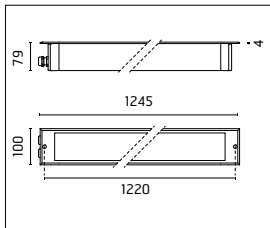
9486131
9486131-300 Dimmable Dali
9486131-310 Dimmable 1-10
White 2700K
lm LED 2678 ≈ lm OUTPUT 2148

9480131
9480131-300 Dimmable Dali
9480131-310 Dimmable 1-10
White 3000K
lm LED 2880 ≈ lm OUTPUT 2310

94188131
94188131-300 Dimmable Dali
94188131-310 Dimmable 1-10
White 4000K
lm LED 3120 ≈ lm OUTPUT 2503



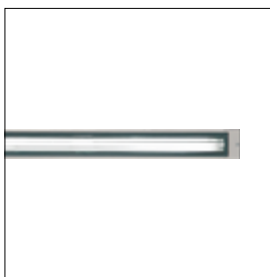
@ 4000K



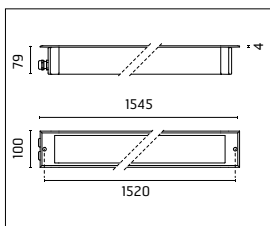
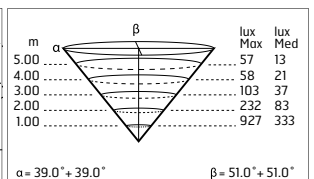
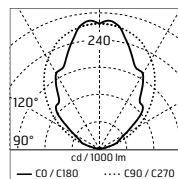
IP67

Cielo L 1545 mm - Transparent Glass - Symmetric Optic

Light Source: T16 / 35W / G5 / T 40°C / Electronic ballast



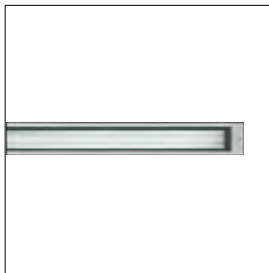
945413
945413-300 Dimmable Dali



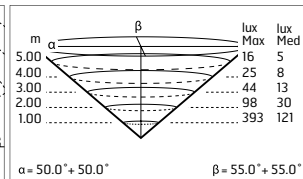
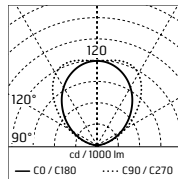
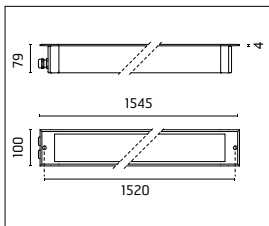
IP67

Cielo L 1545 mm - Sandblasted Glass - Symmetric Optic

Light Source: T16 / 35W / G5 / T 40°C / Electronic ballast



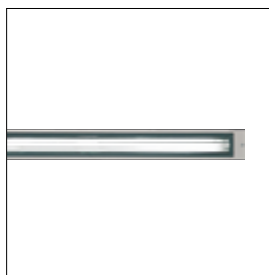
945457
945457-300 Dimmable Dali



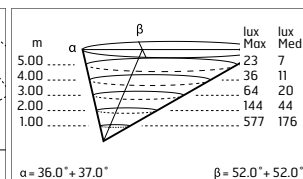
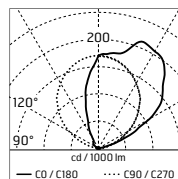
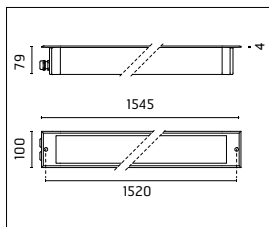
IP67

Cielo L 1545 mm - Transparent Glass - Asymmetric Optic

Light Source: T16 / 35W / G5 / T 40°C / Electronic ballast

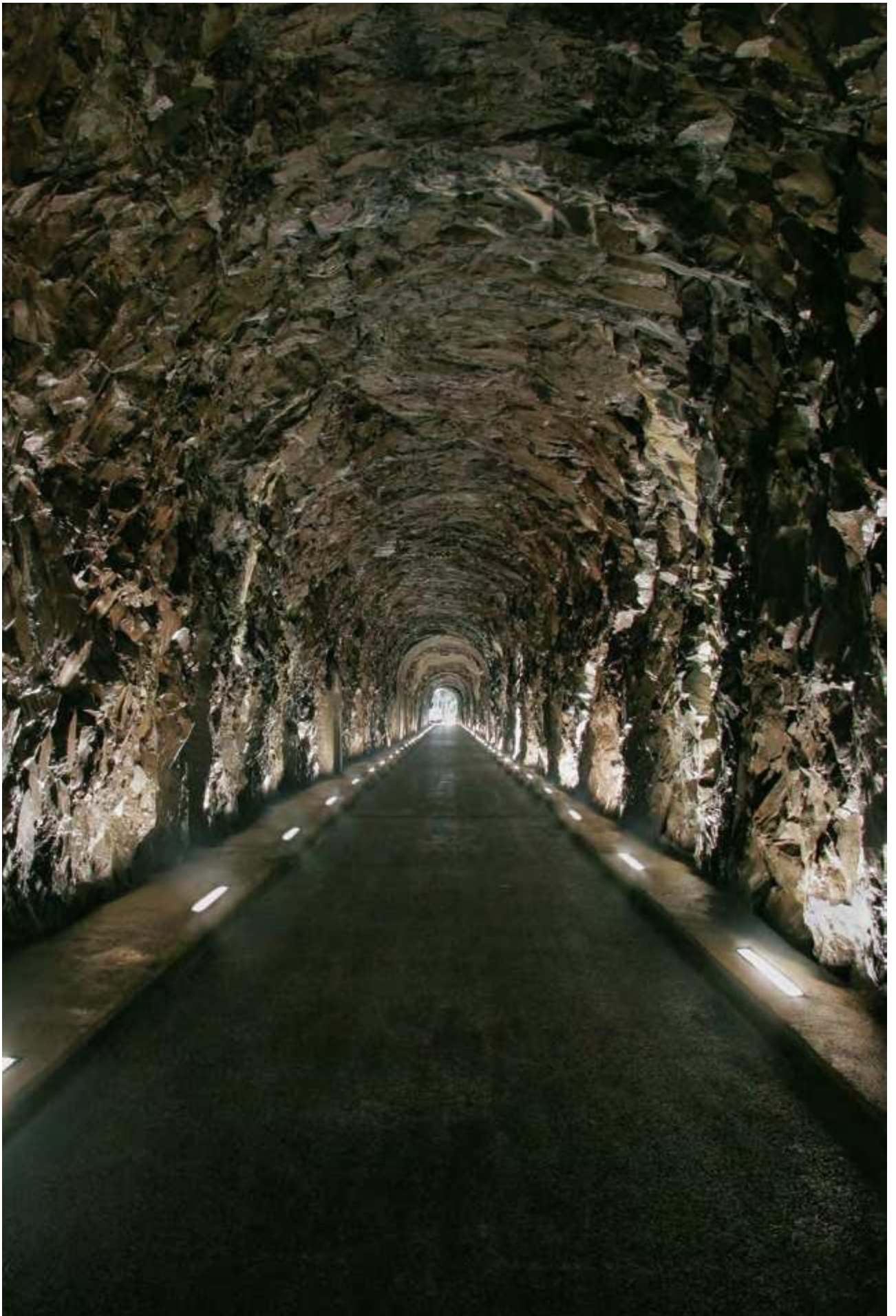


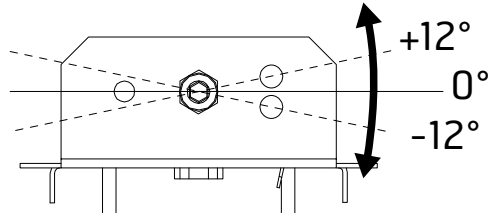
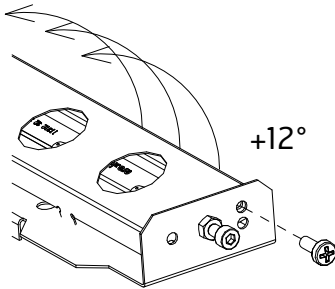
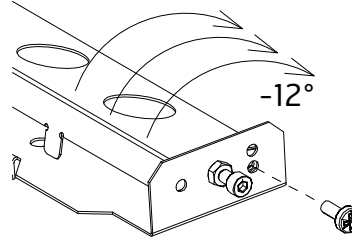
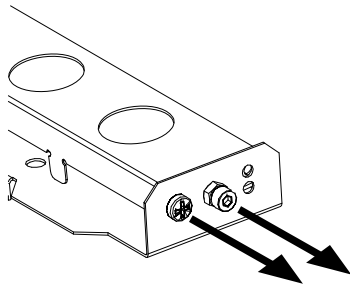
945414
945414-300 Dimmable Dali



IP67







Symmetric Optic - Transparent Glass



Sandblasted Glass

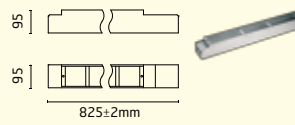


Asymmetric Optic - Transparent Glass

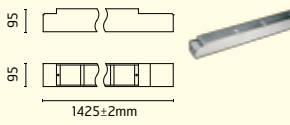


Accessories: Cielo

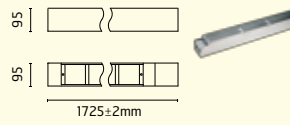
71
BOX FOR INSTALLATION
825 ±2mm x 95 H 95mm



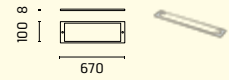
72
BOX FOR INSTALLATION
1425 ±2mm x 95 H 95mm



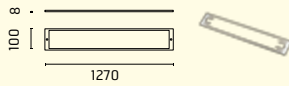
80
BOX FOR INSTALLATION
1725 ±2mm x 95 H 95mm



81
FRAME FOR RECESSED INSTALLATION
IN THE CEILING. 670 x 100 x H 8mm



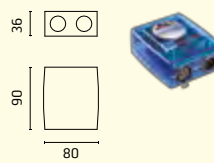
82
FRAME FOR RECESSED INSTALLATION
IN THE CEILING. 1270 x 100 x H 8mm



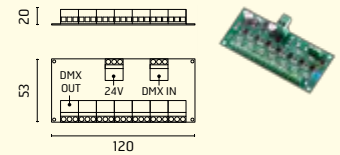
142
DMX CONTROLLER;
DIMMER SWITCH FOR RECESSED BOX
(60mm HOLE CENTRES)



143
DMX CONTROLLER;
STAND-ALONE/PC INTERFACE



187
DMX SPLITTER 512 - ELECTRONIC DEVICE
TO REGENERATE THE MONODIRECTIONAL
DMX SIGNAL
1 INPUT AND 7 OUTPUT, 12-24V dc

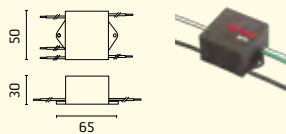


POWER SUPPLY TO BE ORDERED (87 OR 175 RECOMMENDED)

186
DMX CABLE - SHIELDED TWISTED
PAIR WITH 110 Ohm AT LINEAR METER
CONSTANT IMPEDANCE.



237
SPD: (SURGE PROTECTION DEVICE)
275Vac
MAXIMUM DISCHARGE CURRENT
10KA (8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNECTION
- IP66



acc. code ▶	dimmi DALI	dimmi 1-10	71	72	80	81	82	142	143	187	186	237
944213	-300		•			•						
944214	-300		•			•						
944257	-300		•			•						
944813	-300			•			•					
944814	-300			•			•					
944857	-300			•			•					
945413	-300				•							
945414	-300				•							
945457	-300				•							
948012	-300	-310		•			•					•
948013	-300	-310		•			•					•
948312	-300	-310	•			•						•
948313	-300	-310	•			•						•
948512	-300	-310	•			•						•
948513	-300	-310	•			•						•
948612	-300	-310		•			•					•
948613	-300	-310		•			•					•
9418612	-300	-310	•			•						•
9418613	-300	-310	•			•						•
9418713 . A			•			•		•	•	•	•	•
9418812	-300	-310		•			•					•
9418813	-300	-310		•			•					•
9418913 . A				•			•	•	•	•	•	•
9480131	-300	-310		•			•					•
9483131	-300	-310	•			•						•
9485131	-300	-310	•			•						•
9486131	-300	-310		•			•					•
94186131	-300	-310	•			•						•
94188131	-300	-310		•			•					•



- Round luminaire for installation on wall, ceiling or ground – recessed.
- Configuration: turned aluminium body (EN AW-6060 alloy) with 15 micron anodizing for high resistance to corrosion. AISI 316L cap, open frame and cover. Diffuser: polycarbonate or methacrylate transparent or sandblasted (see the catalogue pages for reference).
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP67
- In compliance with EN 60598-1 standards
- Class of insulation: III
- Installation: the luminaire is equipped with a piece of cable for an easy-to-make connection. In-ground version: the cable is integrated with an H2O STOP device. Rho is equipped with a dc/dc highly efficient resin-coated converter that removes electromagnetic interference and is protected against polarity reversal and sudden voltage peak. Outdoor use requires suitable flexible cables. Installation in solid surfaces requires a dedicated box for installation to be purchased separately, installation in panels is only possible with the version with springs. It is important to provide for the in-ground version a >200mm gravel layer or a drain system (for concrete surfaces) to ensure good drainage and to avoid water stagnation.
- Parallel wiring
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.













EU Regulation 874/2012 - Illumination equipment energy classes

A++
A+
A

LED VERSION:
Class A/A+/A++
Luminaire supplied with integrated LED modules that cannot be replaced

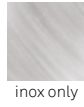


.0 Inox

	Recessed ground fitting		Recessed wall fitting
	Do not install in hollow areas		Recessed ceiling fitting - In masonry: it is needed the installation box - In plasterboard wall: version with springs
	Installation requires a 20cm water drainage layer (gravel).		Pre-wired with approx 200mm of cable
	Protection against water ingress from the cable (only for in-ground recessed versions)		Remote device required.
	Static load: 500Kg walk over (version with frame) Static load: 2000Kg walk over (version with cover)		Glass surface temperature <70°C
	Protection against impact. IK 06 - 1,00 joule (version with frame) IK 08 - 5,00 joule (version with cover)		Glow wire test: 850°C

Rho - 316L Stainless Steel Frame - Version With Springs - 15°

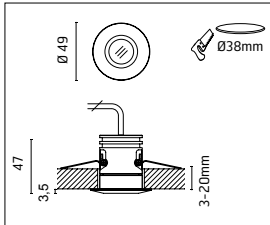
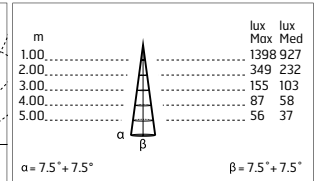
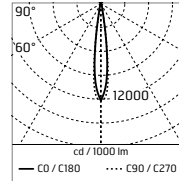
Light Source: Power LED / 1,6W / Total power 2,3W / CRI>80 / 12±24Vdc / Remote electronic power supply to be ordered



517115
White 2700K
lm LED 139 ≈ lm OUTPUT 94

517113
White 3000K
lm LED 149 ≈ lm OUTPUT 101

517112
White 4000K
lm LED 162 ≈ lm OUTPUT 110

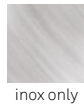


Dimmable on request

IP67

Rho - 316L Stainless Steel Frame - 15°

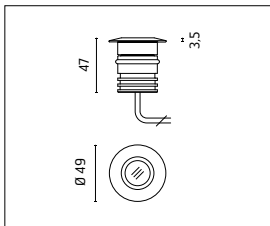
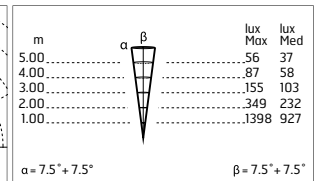
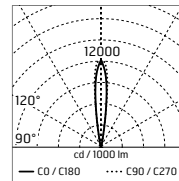
Light Source: Power LED / 1,6W / Total power 2,3W / CRI>80 / 12±24Vdc / Remote electronic power supply to be ordered



517005
White 2700K
lm LED 139 ≈ lm OUTPUT 94

517003
White 3000K
lm LED 149 ≈ lm OUTPUT 101

517002
White 4000K
lm LED 162 ≈ lm OUTPUT 110

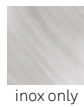


Dimmable on request

IP67

Rho - 316L Stainless Steel Frame - Version With Springs - 30°

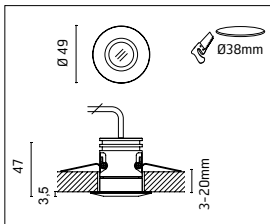
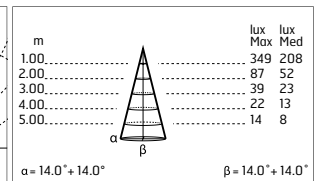
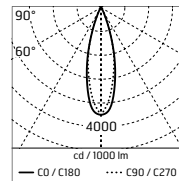
Light Source: Power LED / 1,6W / Total power 2,3W / CRI>80 / 12±24Vdc / Remote electronic power supply to be ordered



517125
White 2700K
lm LED 139 ≈ lm OUTPUT 79

517123
White 3000K
lm LED 149 ≈ lm OUTPUT 85

517122
White 4000K
lm LED 162 ≈ lm OUTPUT 93

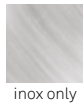
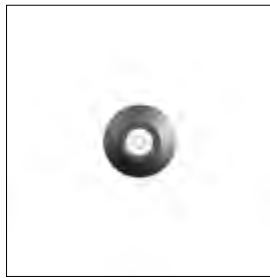


Dimmable on request

IP67

Rho - 316L Stainless Steel Frame - 30°

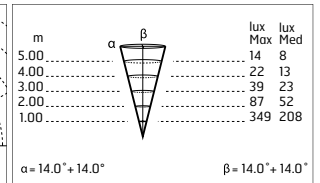
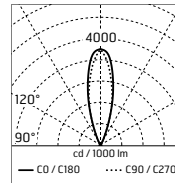
Light Source: Power LED / 1,6W / Total power 2,3W / CRI>80 / 12÷24Vdc / Remote electronic power supply to be ordered



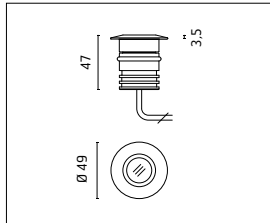
517016
White 2700K
lm LED 139 ≠ lm OUTPUT 79

517013
White 3000K
lm LED 149 ≠ lm OUTPUT 85

517012
White 4000K
lm LED 162 ≠ lm OUTPUT 93



@ 4000K

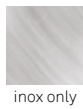


Dimmable on request



Rho - 316L Stainless Steel Frame - Polycarbonate Opal Diffuser

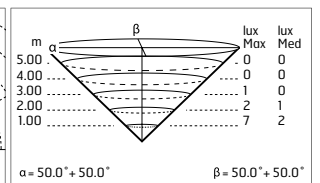
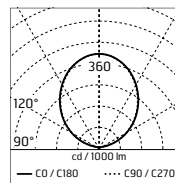
Light Source: Power LED / 1,6W / Total power 2,3W / CRI>80 / 12÷24Vdc / Remote electronic power supply to be ordered



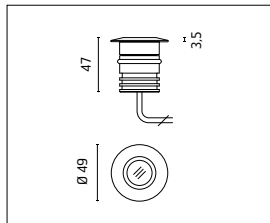
517017
White 2700K
lm LED 139 ≠ lm OUTPUT 16

517015
White 3000K
lm LED 149 ≠ lm OUTPUT 17

517014
White 4000K
lm LED 162 ≠ lm OUTPUT 18



@ 4000K

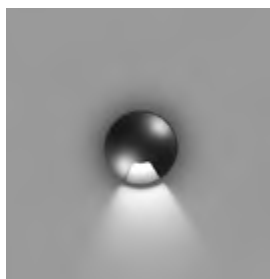


Dimmable on request



Rho - 316L Stainless Steel Cover - One Emission

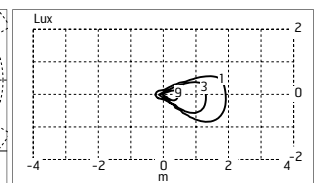
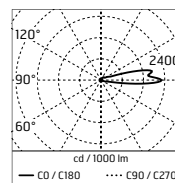
Light Source: Power LED / 1,6W / Total power 2,3W / CRI>80 / 12÷24Vdc / Remote electronic power supply to be ordered



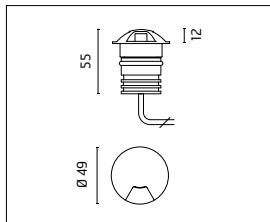
517025
White 2700K
lm LED 139 ≠ lm OUTPUT 10

517023
White 3000K
lm LED 149 ≠ lm OUTPUT 11

517022
White 4000K
lm LED 162 ≠ lm OUTPUT 12



@ 4000K

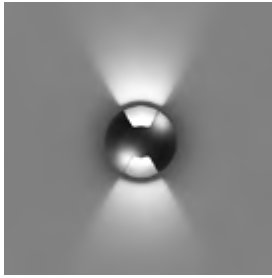


Dimmable on request



Rho - 316L Stainless Steel Cover - Two Emissions

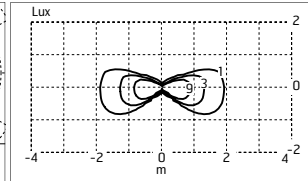
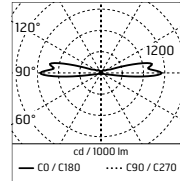
Light Source: Power LED / 1,6W / Total power 2,3W / CRI>80 / 12±24Vdc / Remote electronic power supply to be ordered



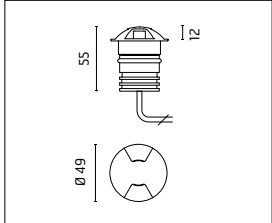
517035
White 2700K
lm LED 2x139 ≈ lm OUTPUT 2x10

517033
White 3000K
lm LED 149 ≈ lm OUTPUT 2x11

517032
White 4000K
lm LED 162 ≈ lm OUTPUT 2x12



@ 4000K

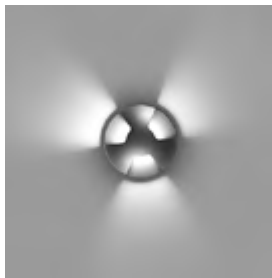


Dimmable on request

IP67

Rho - 316L Stainless Steel Cover - Three Emissions

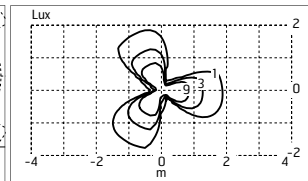
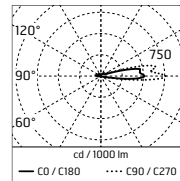
Light Source: Power LED / 1,6W / Total power 2,3W / CRI>80 / 12±24Vdc / Remote electronic power supply to be ordered



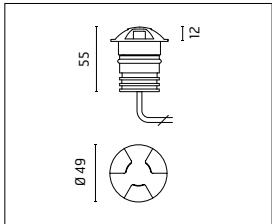
517045
White 2700K
lm LED 3x139 ≈ lm OUTPUT 3x10

517043
White 3000K
lm LED 149 ≈ lm OUTPUT 3x11

517042
White 4000K
lm LED 162 ≈ lm OUTPUT 3x12



@ 4000K

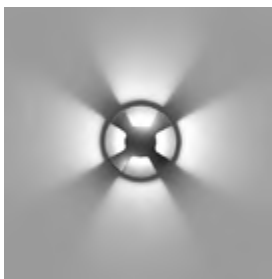


Dimmable on request

IP67

Rho - 316L Stainless Steel Cover - Omnidirectional

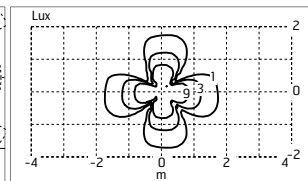
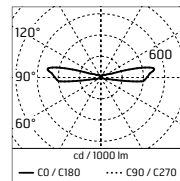
Light Source: Power LED / 1,6W / Total power 2,3W / CRI>80 / 12±24Vdc / Remote electronic power supply to be ordered



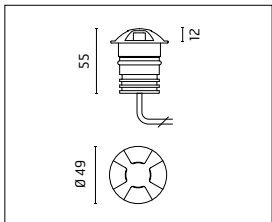
517055
White 2700K
lm LED 4x139 ≈ lm OUTPUT 4x10

517053
White 3000K
lm LED 149 ≈ lm OUTPUT 4x11

517052
White 4000K
lm LED 162 ≈ lm OUTPUT 4x12



@ 4000K

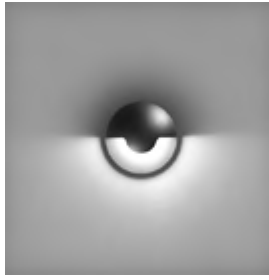


Dimmable on request

IP67

Rho - 316L Stainless Steel Cover - 180°

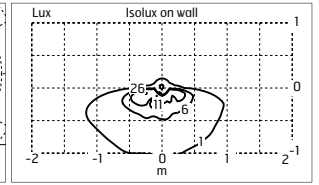
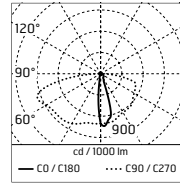
Light Source: Power LED / 1,6W / Total power 2,3W / CRI>80 / 12÷24Vdc / Remote electronic power supply to be ordered



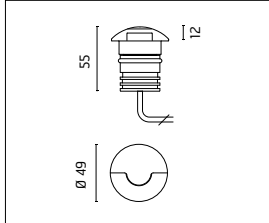
517065
White 2700K
lm LED 139 ≠ lm OUTPUT 36

517063
White 3000K
lm LED 149 ≠ lm OUTPUT 39

517062
White 4000K
lm LED 162 ≠ lm OUTPUT 42



@ 4000K



Dimmable on request

IP67

Rho - Round Methacrylate Diffuser - Version With Springs

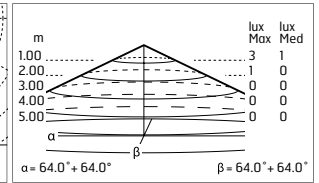
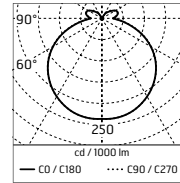
Light Source: Power LED / 1,6W / Total power 2,3W / CRI>80 / 12÷24Vdc / Remote electronic power supply to be ordered



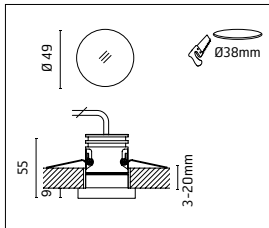
517135
White 2700K
lm LED 139 ≠ lm OUTPUT 11

517133
White 3000K
lm LED 149 ≠ lm OUTPUT 12

517132
White 4000K
lm LED 162 ≠ lm OUTPUT 13



@ 4000K

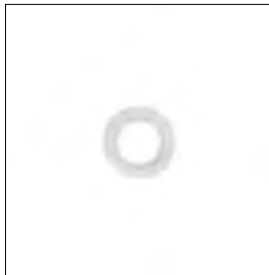


Dimmable on request

IP67

Rho - Round Methacrylate Diffuser

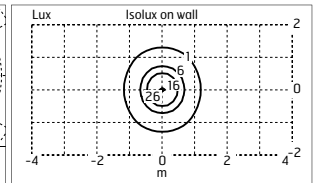
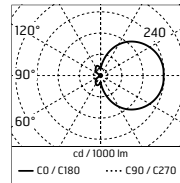
Light Source: Power LED / 1,6W / Total power 2,3W / CRI>80 / 12÷24Vdc / Remote electronic power supply to be ordered



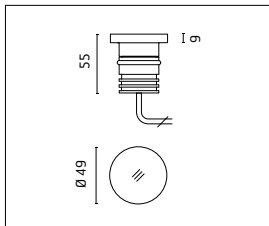
517075
White 2700K
lm LED 139 ≠ lm OUTPUT 11

517073
White 3000K
lm LED 149 ≠ lm OUTPUT 12

517072
White 4000K
lm LED 162 ≠ lm OUTPUT 13



@ 4000K



Dimmable on request

IP67

Rho Square Methacrylate Diffuser - Version With Springs

Light Source: Power LED / 1,6W / Total power 2,3W / CRI>80/12÷24Vdc / Remote electronic power supply to be ordered

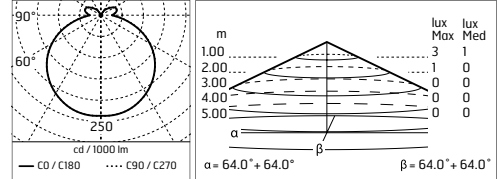


517145
White 2700K
lm LED 139 ≈ lm OUTPUT 11

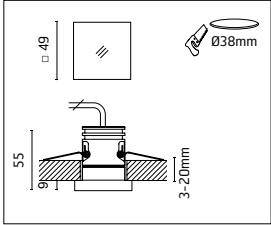


517143
White 3000K
lm LED 149 ≈ lm OUTPUT 12

517142
White 4000K
lm LED 162 ≈ lm OUTPUT 13



@ 4000K



Dimmable on request

IP67 CE

Rho Square Methacrylate Diffuser

Light Source: Power LED / 1,6W / Total power 2,3W / CRI>80/12÷24Vdc / Remote electronic power supply to be ordered

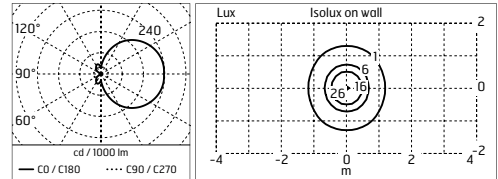


517085
White 2700K
lm LED 139 ≈ lm OUTPUT 11

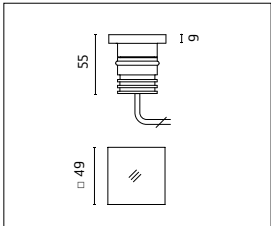


517083
White 3000K
lm LED 149 ≈ lm OUTPUT 12

517082
White 4000K
lm LED 162 ≈ lm OUTPUT 13



@ 4000K

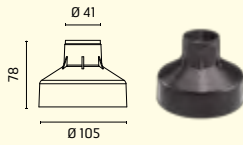


Dimmable on request

IP67 CE

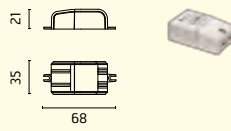
Accessories: Rho

169
BOX FOR INSTALLATION
Ø 105 H 78mm

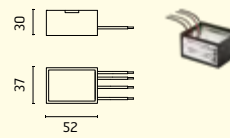


FOR IN-GROUND INSTALLATION
OR CONCRETE WALL

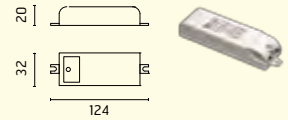
150
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP20 CLASS II SELV EQ.



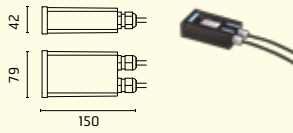
106
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP65 CLASS II SELV EQ.



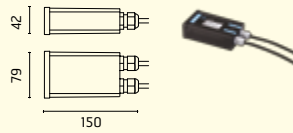
87
POWER SUPPLY 10W/110÷240V -
24Vdc IP20 CLASS II SELV.



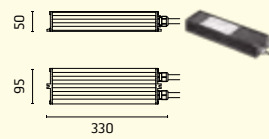
175
POWER SUPPLY 10W/110÷240V -
24Vdc IP67 CLASS II SELV.



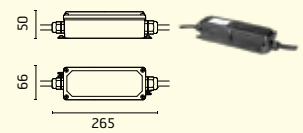
147
POWER SUPPLY 20W/220÷240V -
24Vdc IP67 CLASS II SELV.



155
POWER SUPPLY 50W/120÷240V -
24Vdc IP67 CLASS II SELV.



110
POWER SUPPLY 70W/220÷240V -
24Vdc IP67 CLASS II SELV EQ.



269
2 WAY TERMINAL BLOCK 2 POLES IP68
(Ø4÷6,9mm Cable)
*it can't be placed in the recessed box
for installation



acc. code ▶ prod. code ▼	169	150	106	87	175	147	155	110	269
517002	•	1	1	4	4	5	14	29	•
517003	•	1	1	4	4	5	14	29	•
517005	•	1	1	4	4	5	14	29	•
517012	•	1	1	4	4	5	14	29	•
517013	•	1	1	4	4	5	14	29	•
517014	•	1	1	4	4	5	14	29	•
517015	•	1	1	4	4	5	14	29	•
517016	•	1	1	4	4	5	14	29	•
517017	•	1	1	4	4	5	14	29	•
517022	•	1	1	4	4	5	14	29	•
517023	•	1	1	4	4	5	14	29	•
517025	•	1	1	4	4	5	14	29	•
517032	•	1	1	4	4	5	14	29	•
517033	•	1	1	4	4	5	14	29	•
517035	•	1	1	4	4	5	14	29	•
517042	•	1	1	4	4	5	14	29	•
517043	•	1	1	4	4	5	14	29	•
517045	•	1	1	4	4	5	14	29	•
517052	•	1	1	4	4	5	14	29	•
517053	•	1	1	4	4	5	14	29	•
517055	•	1	1	4	4	5	14	29	•
517062	•	1	1	4	4	5	14	29	•
517063	•	1	1	4	4	5	14	29	•

acc. code ▶ prod. code ▼	169	150	106	87	175	147	155	110	269
517065	•	1	1	4	4	5	14	29	•
517072	•	1	1	4	4	5	14	29	•
517073	•	1	1	4	4	5	14	29	•
517075	•	1	1	4	4	5	14	29	•
517082	•	1	1	4	4	5	14	29	•
517083	•	1	1	4	4	5	14	29	•
517085	•	1	1	4	4	5	14	29	•
517092	•	1	1	4	4	5	14	29	•
517093	•	1	1	4	4	5	14	29	•
517102	•	1	1	4	4	5	14	29	•
517103	•	1	1	4	4	5	14	29	•
517112		1	1	4	4	5	14	29	•
517113		1	1	4	4	5	14	29	•
517115		1	1	4	4	5	14	29	•
517122		1	1	4	4	5	14	29	•
517123		1	1	4	4	5	14	29	•
517125		1	1	4	4	5	14	29	•
517132		1	1	4	4	5	14	29	•
517133		1	1	4	4	5	14	29	•
517135		1	1	4	4	5	14	29	•
517142		1	1	4	4	5	14	29	•
517143		1	1	4	4	5	14	29	•
517145		1	1	4	4	5	14	29	•

Max fixtures for each power supply (Vin 220÷240). Data in the chart are provided as a guide only. Please verify according to your installation.



- Round luminaire for installation on wall, ceiling or ground – recessed.
- Configuration: turned aluminium body (EN AW-6060 alloy) with 15 micron anodizing for high resistance to corrosion. AISI 316L cap, open frame and cover. Diffuser: polycarbonate or methacrylate transparent or sandblasted (see the catalogue pages for reference).
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP67
- In compliance with EN 60598-1 standards
- Class of insulation: III
- Installation: the luminaire is equipped with a piece of cable for an easy-to-make connection. In-ground version: the cable is integrated with an H2O STOP device. Sigma is equipped with a dc/dc highly efficient resin-coated converter that removes electromagnetic interference and is protected against polarity reversal and sudden voltage peak. Outdoor use requires suitable flexible cables. Installation in solid surfaces requires a dedicated box for installation to be purchased separately, installation in panels is only possible with the version with springs. It is important to provide for the in-ground version a >200mm gravel layer or a drain system (for concrete surfaces) to ensure good drainage and to avoid water stagnation.
- Parallel wiring
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

A++
A+
A

LED VERSION:
Class A/A+/A++
Luminaire supplied with integrated LED modules that cannot be replaced



.0 Inox



Recessed ground fitting



Recessed wall fitting



Do not install in hollow areas



Recessed ceiling fitting
- In masonry: it is needed the installation box
- In plasterboard wall: version with springs



Installation requires a 20cm water drainage layer (gravel).



Pre-wired with approx 200mm of cable



Protection against water ingress from the cable (only for in-ground recessed versions)



Remote device required.



Static load: 500Kg walk over (version with frame)
Static load: 2000Kg walk over (version with cover)



Glass surface temperature <70°C



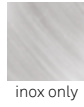
Protection against impact.
IK 06 - 1,00 joule (version with frame)
IK 08 - 5,00 joule (version with cover)



Glow wire test: 850°C

Sigma - 316L Stainless Steel Frame - Version With Springs - 10°

Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



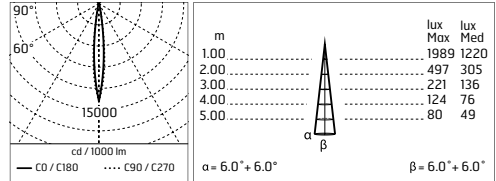
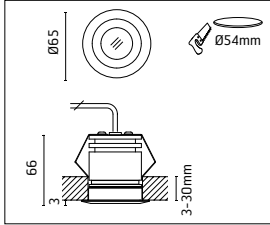
518205
White 2700K
lm LED 169 ≈ lm OUTPUT 118



518006
White 3000K
lm LED 182 ≈ lm OUTPUT 127



518005
White 4000K
m LED 198 ≈ lm OUTPUT 138

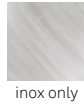


Dimmable on request

IP67

Sigma - 316L Stainless Steel Frame - 10°

Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



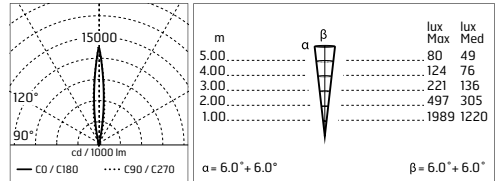
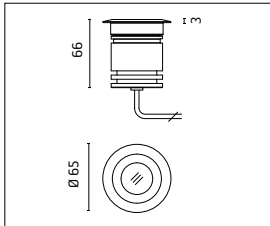
518202
White 2700K
lm LED 169 ≈ lm OUTPUT 118



518003
White 3000K
lm LED 182 ≈ lm OUTPUT 127



518002
White 4000K
lm LED 198 ≈ lm OUTPUT 138



Dimmable on request

IP67

Sigma - 316L Stainless Steel Frame - Version With Springs - 30°

Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



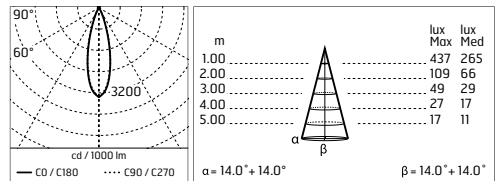
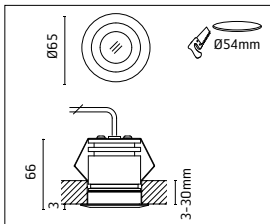
518208
White 2700K
lm LED 169 ≈ lm OUTPUT 106



518009
White 3000K
lm LED 182 ≈ lm OUTPUT 114



518008
White 4000K
lm LED 198 ≈ lm OUTPUT 125



Dimmable on request

IP67

Sigma - 316L Stainless Steel Frame - 30°

Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



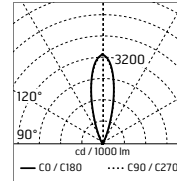
inox only



518212
White 2700K
lm LED 169 ≠ lm OUTPUT 106

518013
White 3000K
lm LED 182 ≠ lm OUTPUT 114

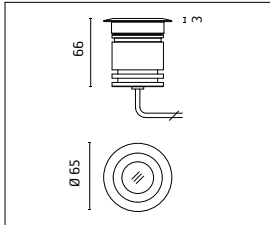
518012
White 4000K
lm LED 198 ≠ lm OUTPUT 125



m	lux	
	Max	Med
5.00	17	11
4.00	27	17
3.00	49	29
2.00	109	66
1.00	437	265

α = 14.0° + 14.0° β = 14.0° + 14.0°

@ 4000K



Dimmable on request



Sigma - 316L Stainless Steel Frame - Polycarbonate Opal Diffuser

Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



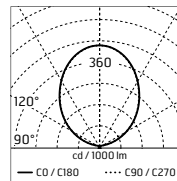
inox only



518234
White 2700K
lm LED 169 ≠ lm OUTPUT 20

518035
White 3000K
lm LED 182 ≠ lm OUTPUT 22

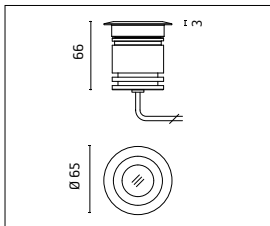
518034
White 4000K
lm LED 198 ≠ lm OUTPUT 24



m	lux	
	Max	Med
5.00	0	0
4.00	1	0
3.00	1	0
2.00	3	1
1.00	10	3

α = 50.0° + 50.0° β = 50.0° + 50.0°

@ 4000K



Dimmable on request



Sigma - 316L Stainless Steel Frame - Version With Springs - 10°

Light Source: Power LED / 3,3W / Total power 4,5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



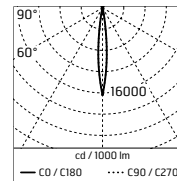
inox only



518215
White 2700K
lm LED 307 ≠ lm OUTPUT 219

518016
White 3000K
lm LED 330 ≠ lm OUTPUT 236

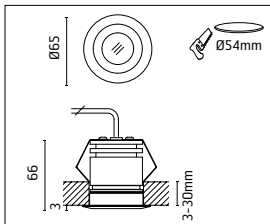
518015
White 4000K
lm LED 360 ≠ lm OUTPUT 258



m	lux	
	Max	Med
1.00	4398	2712
2.00	1099	678
3.00	489	301
4.00	275	569
5.00	176	108

α = 5.0° + 5.0° β = 5.0° + 5.0°

@ 4000K

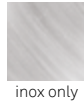


Dimmable on request



Sigma - 316L Stainless Steel Frame - 10°

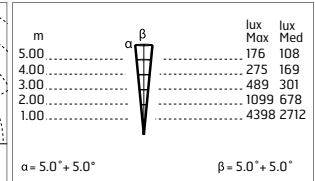
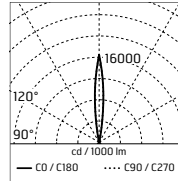
Light Source: Power LED / 3,3W / Total power 4,5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



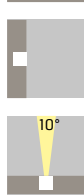
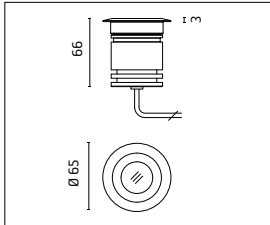
518222
White 2700K
lm LED 307 ≈ lm OUTPUT 219

518023
White 3000K
lm LED 330 ≈ lm OUTPUT 236

518022
White 4000K
lm LED 360 ≈ lm OUTPUT 258



@ 4000K

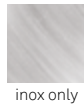


Dimmable on request

IP67

Sigma - 316L Stainless Steel Frame - Version With Springs - 30°

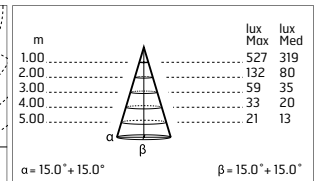
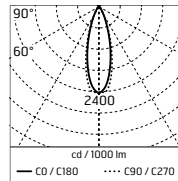
Light Source: Power LED / 3,3W / Total power 4,5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



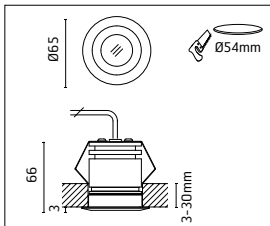
518225
White 2700K
lm LED 307 ≈ lm OUTPUT 176

518026
White 3000K
lm LED 330 ≈ lm OUTPUT 189

518025
White 4000K
lm LED 360 ≈ lm OUTPUT 207



@ 4000K



Dimmable on request

IP67

Sigma - 316L Stainless Steel Frame - 30°

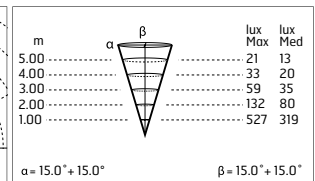
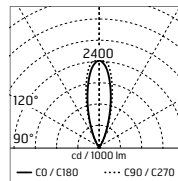
Light Source: Power LED / 3,3W / Total power 4,5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



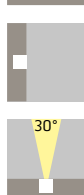
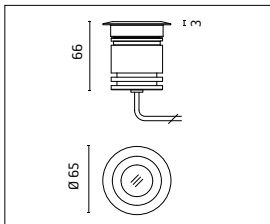
518232
White 2700K
lm LED 307 ≈ lm OUTPUT 176

518033
White 3000K
lm LED 330 ≈ lm OUTPUT 189

518032
White 4000K
lm LED 360 ≈ lm OUTPUT 207



@ 4000K



Dimmable on request

IP67

Sigma - 316L Stainless Steel Cover - One Emission

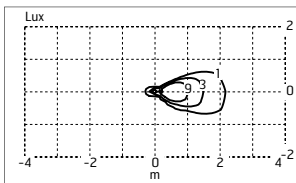
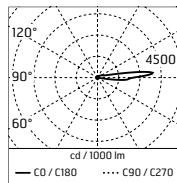
Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



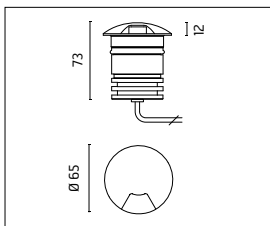
518242
White 2700K
lm LED 169 ≠ lm OUTPUT 15

518043
White 3000K
lm LED 182 ≠ lm OUTPUT 16

518042
White 4000K
lm LED 198 ≠ lm OUTPUT 18



@ 4000K

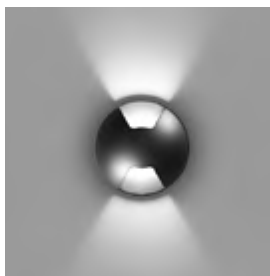


Dimmable on request

IP67 CE

Sigma - 316L Stainless Steel Cover - Two Emissions

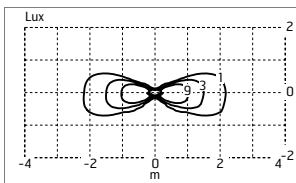
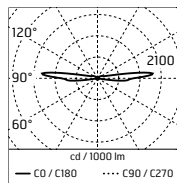
Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



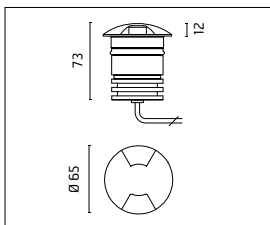
518252
White 2700K
lm LED 2x169 ≠ lm OUTPUT 2x15

518053
White 3000K
lm LED 182 ≠ lm OUTPUT 2x16

518052
White 4000K
lm LED 198 ≠ lm OUTPUT 2x18



@ 4000K

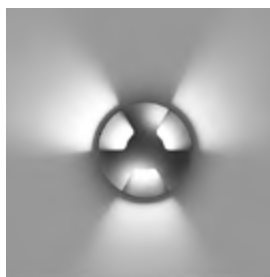


Dimmable on request

IP67 CE

Sigma - 316L Stainless Steel Cover - Three Emissions

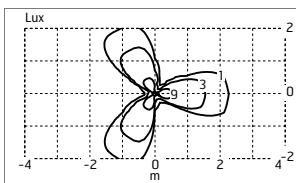
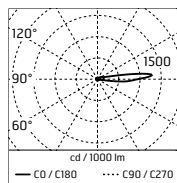
Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



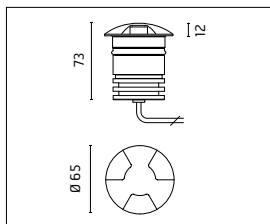
518262
White 2700K
lm LED 3x169 ≠ lm OUTPUT 3x15

518063
White 3000K
lm LED 182 ≠ lm OUTPUT 3x16

518062
White 4000K
lm LED 198 ≠ lm OUTPUT 3x18



@ 4000K

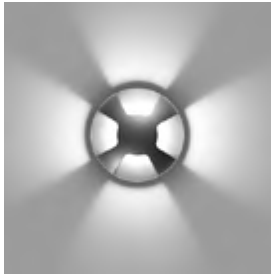


Dimmable on request

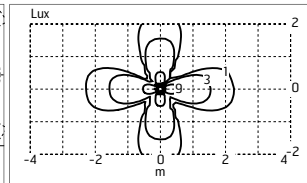
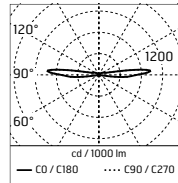
IP67 CE

Sigma - 316L Stainless Steel Cover - Omnidirectional

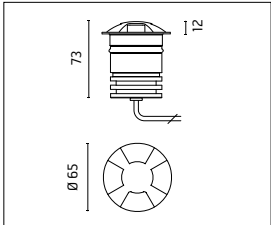
Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



- 518272**
White 2700K
lm LED 4x169 ≈ lm OUTPUT 4x15
- 518073**
White 3000K
lm LED 182 ≈ lm OUTPUT 4x16
- 518072**
White 4000K
lm LED 198 ≈ lm OUTPUT 4x18



@ 4000K

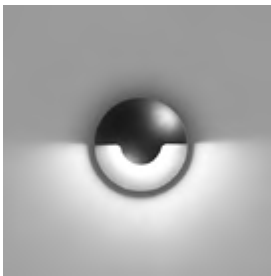


Dimmable on request

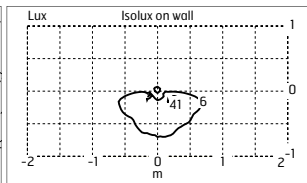
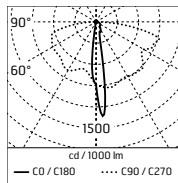
IP67

Sigma - 316L Stainless Steel Cover - 180°

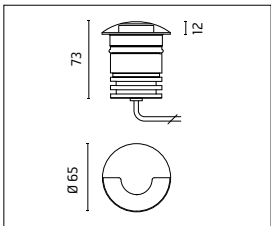
Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



- 518282**
White 2700K
lm LED 169 ≈ lm OUTPUT 47
- 518083**
White 3000K
lm LED 182 ≈ lm OUTPUT 50
- 518082**
White 4000K
lm LED 198 ≈ lm OUTPUT 54



@ 4000K



Dimmable on request

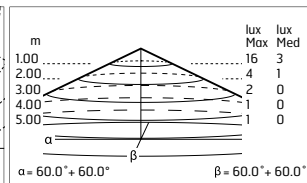
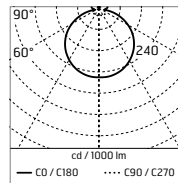
IP67

Sigma - Version With Springs - Round Methacrylate Diffuser

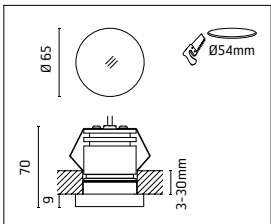
Light Source: Power LED / 3,3W / Total power 4,5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



- 518285**
White 2700K
lm LED 307 ≈ lm OUTPUT 51
- 518086**
White 3000K
lm LED 330 ≈ lm OUTPUT 55
- 518085**
White 4000K
lm LED 360 ≈ lm OUTPUT 60



@ 4000K

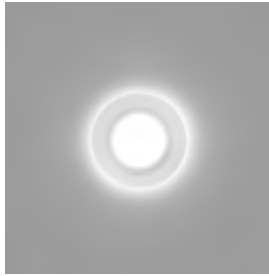


Dimmable on request

IP67

Sigma - Round Methacrylate Diffuser

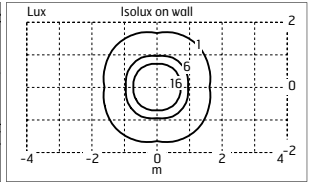
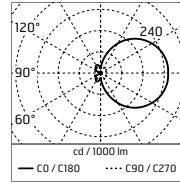
Light Source: Power LED / 3,3W / Total power 4,5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



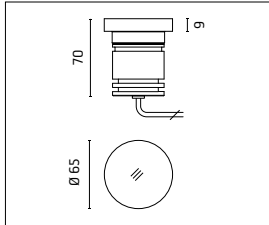
518292
White 2700K
lm LED 307 ≠ lm OUTPUT 51

518093
White 3000K
lm LED 330 ≠ lm OUTPUT 55

518092
White 4000K
lm LED 360 ≠ lm OUTPUT 60



@ 4000K



Dimmable on request

IP67

Sigma - Version With Springs - Square Methacrylate Diffuser

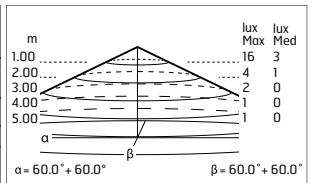
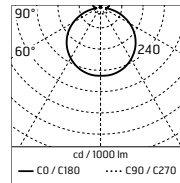
Light Source: Power LED / 3,3W / Total power 4,5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



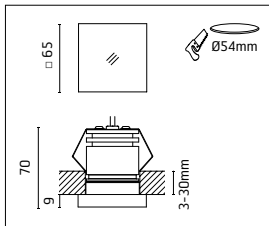
518295
White 2700K
lm LED 307 ≠ lm OUTPUT 51

518096
White 3000K
lm LED 330 ≠ lm OUTPUT 55

518095
White 4000K
lm LED 360 ≠ lm OUTPUT 60



@ 4000K



Dimmable on request

IP67

Sigma - Square Methacrylate Diffuser

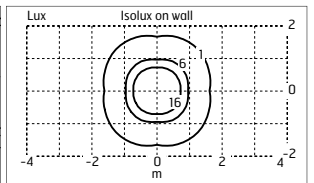
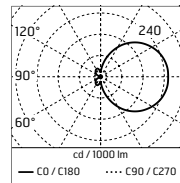
Light Source: Power LED / 3,3W / Total power 4,5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



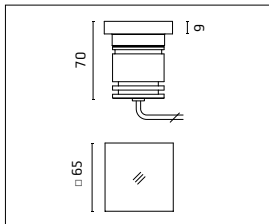
518302
White 2700K
lm LED 307 ≠ lm OUTPUT 51

518103
White 3000K
lm LED 330 ≠ lm OUTPUT 55

518102
White 4000K
lm LED 360 ≠ lm OUTPUT 60



@ 4000K



Dimmable on request

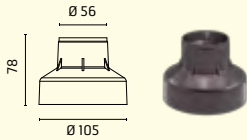
IP67



Accessories: Sigma

170

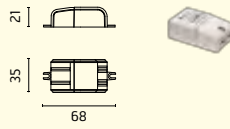
BOX FOR INSTALLATION
Ø 105 H 78mm



FOR IN-GROUND INSTALLATION
OR CONCRETE WALL

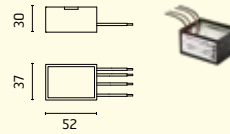
150

POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100±240V
Iout: 350mA: 6x1W/100±240V
IP20 CLASS II SELV EQ.



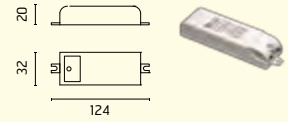
106

POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100±240V
Iout: 350mA: 6x1W/100±240V
IP65 CLASS II SELV EQ.



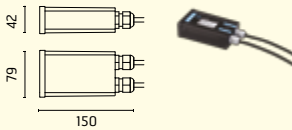
87

POWER SUPPLY 10W/110±240V -
24Vdc IP20 CLASS II SELV.



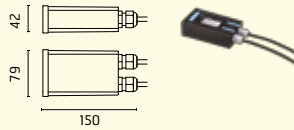
175

POWER SUPPLY 10W/110±240V -
24Vdc IP67 CLASS II SELV.



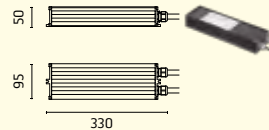
147

POWER SUPPLY 20W/220±240V -
24Vdc IP67 CLASS II SELV.



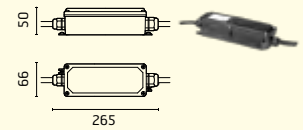
155

POWER SUPPLY 50W/120±240V -
24Vdc IP67 CLASS II SELV.



110

POWER SUPPLY 70W/220±240V -
24Vdc IP67 CLASS II SELV EQ.



269

2 WAY TERMINAL BLOCK 2 POLES IP68
(Ø4÷6,9mm Cable)

*it can't be placed in the recessed box
for installation



acc. code ▶ prod. code ▼	170	150	106	87	175	147	155	110	269
518002	•	1	1	2	2	3	9	17	•
518003	•	1	1	2	2	3	9	17	•
518005		1	1	2	2	3	9	17	•
518006		1	1	2	2	3	9	17	•
518008		1	1	2	2	3	9	17	•
518009		1	1	2	2	3	9	17	•
518012	•	1	1	2	2	3	9	17	•
518013	•	1	1	2	2	3	9	17	•
518015		1	1	2	2		7	14	•
518016		1	1	2	2		7	14	•
518022	•	1	1	2	2		7	14	•
518023	•	1	1	2	2		7	14	•
518025		1	1	2	2		7	14	•
518026		1	1	2	2		7	14	•
518032	•	1	1	2	2		7	14	•
518033	•	1	1	2	2		7	14	•
518034	•	1	1	2	2	3	9	17	•
518035	•	1	1	2	2	3	9	17	•
518042	•	1	1	2	2	3	9	17	•
518043	•	1	1	2	2	3	9	17	•
518052	•	1	1	2	2	3	9	17	•
518053	•	1	1	2	2	3	9	17	•
518062	•	1	1	2	2	3	9	17	•
518063	•	1	1	2	2	3	9	17	•
518072	•	1	1	2	2	3	9	17	•
518073	•	1	1	2	2	3	9	17	•
518082	•	1	1	2	2	3	9	17	•
518083	•	1	1	2	2	3	9	17	•
518085		1	1	2	2		7	14	•

acc. code ▶ prod. code ▼	170	150	106	87	175	147	155	110	269
518086		1	1	2	2		7	14	•
518092	•	1	1	2	2		7	14	•
518093	•	1	1	2	2		7	14	•
518095		1	1	2	2		7	14	•
518096		1	1	2	2		7	14	•
518102	•	1	1	2	2		7	14	•
518103	•	1	1	2	2		7	14	•
518112	•	1	1	2	2	3	9	17	•
518113	•	1	1	2	2	3	9	17	•
518122	•	1	1	2	2	3	9	17	•
518123	•	1	1	2	2	3	9	17	•
518202	•	1	1	2	2	3	9	17	•
518205		1	1	2	2	3	9	17	•
518208		1	1	2	2	3	9	17	•
518212	•	1	1	2	2	3	9	17	•
518215		1	1	2	2		7	14	•
518222	•	1	1	2	2		7	14	•
518225		1	1	2	2		7	14	•
518232	•	1	1	2	2		7	14	•
518234	•	1	1	2	2	3	9	17	•
518242	•	1	1	2	2	3	9	17	•
518252	•	1	1	2	2	3	9	17	•
518262	•	1	1	2	2	3	9	17	•
518272	•	1	1	2	2	3	9	17	•
518282	•	1	1	2	2	3	9	17	•
518285		1	1	2	2		7	14	•
518292	•	1	1	2	2		7	14	•
518295		1	1	2	2		7	14	•
518302	•	1	1	2	2		7	14	•

Max fixtures for each power supply (Vin 220±240). Data in the chart are provided as a guide only. Please verify according to your installation.



- Round luminaire for installation on wall or ground – recessed.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content) and AISI 316L blasted stainless steel frame. Glass diffuser: Sandblasted with silkscreen border, fixed to the aluminium body through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP67
- In compliance with EN 60598-1 standards
- Class of insulation: mains: I; low-voltage: III
- Installation: the luminaire is equipped with a piece of cable for an easy-to-make connection. 220-230V version: the cable is supplied with a 2-way connector for 3-conductor cables (H₂O STOP) for an easy-to-make connection. 24V version: the cable is integrated with an H₂O STOP device. Outdoor use requires suitable flexible cables. Installation requires a dedicated box to be ordered separately. It is important to provide a >200mm gravel layer or a drain system (for concrete surface) to ensure good drainage and to avoid water stagnation.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:
Class A/A+/A++
Luminaire supplied with integrated LED modules that cannot be replaced



.0 Inox



Recessed ground fitting



Recessed wall fitting



Do not install in hollow areas



Installation requires a 20cm water drainage layer (gravel)



Pre-wired with approx 250mm of cable.



Protection against water ingress from the cable



Remote device required for 24V version



Static load: 500Kg walk over



Glass surface temperature <70°C



Protection against impact. IK 08 - 5,00 joule

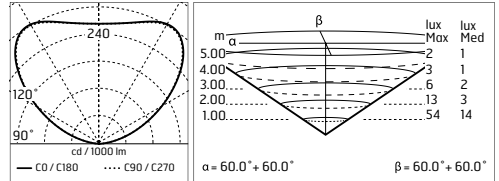
Chiara - Stainless Steel Frame - Sandblasted Glass - Direct 230V

Light Source: Mid-Power LED / 3,5W / Total power 4W / CRI>80 / 220±230V / LED module set up to work directly connected to the mains

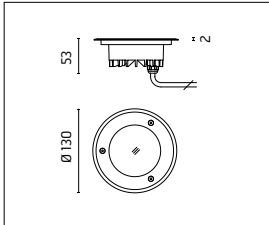


530008
White 3000K
lm LED 380 ≈ lm OUTPUT 189

530007
White 4000K
lm LED 400 ≈ lm OUTPUT 199



@ 4000K



IP67

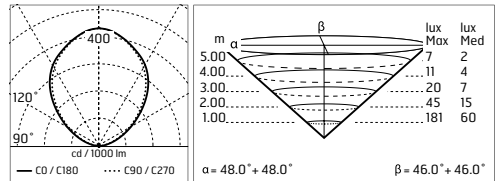
Chiara - Stainless Steel Frame - Sandblasted Glass - Direct 230V

Light Source: Mid-Power LED / 6,5W / Total power 7W / CRI>80 / 220±230V / LED module set up to work directly connected to the mains

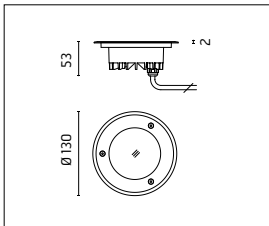


530003
White 3000K
lm LED 525 ≈ lm OUTPUT 453

530002
White 4000K
lm LED 555 ≈ lm OUTPUT 479



@ 4000K



IP67

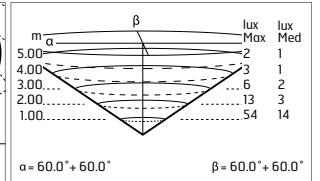
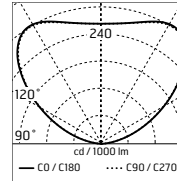
Chiara - Stainless Steel Frame - Sandblasted Glass - 24Vdc

Light Source: Mid-Power LED / 3,5W / Total power 4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered

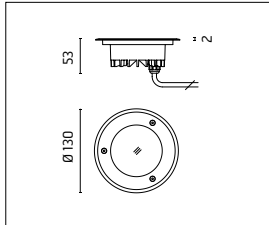


530010
White 3000K
lm LED 360 ≠ lm OUTPUT 190
Acc. 144, 176 or 252

530009
White 4000K
lm LED 380 ≠ lm OUTPUT 200
Acc. 144, 176 or 252



@ 4000K



IP67

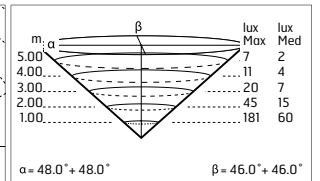
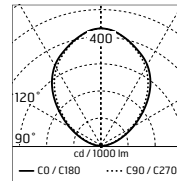
Chiara - Stainless Steel Frame - Sandblasted Glass - 24Vdc

Light Source: Mid-Power LED / 6,5W / Total power 7,3W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered

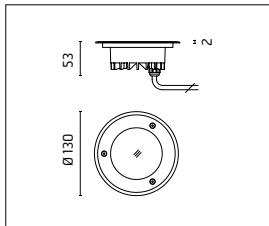


530006
White 3000K
lm LED 707 ≠ lm OUTPUT 308
Acc. 144, 176 or 252

530005
White 4000K
lm LED 734 ≠ lm OUTPUT 394
Acc. 144, 176 or 252



@ 4000K

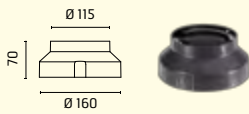


IP67

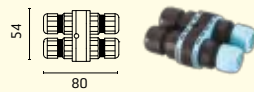


Accessories: Chiara

50
BOX FOR INSTALLATION
Ø 160 H 70mm



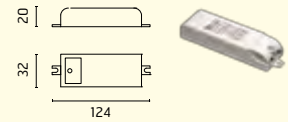
215
3/4 WAY TERMINAL BLOCK 4 POLES
IP68 H₂O STOP (Ø5,5÷12mm CABLE)



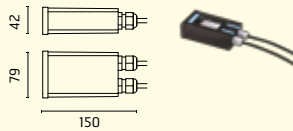
269
2 WAY TERMINAL BLOCK 2 POLES IP68
(Ø4÷6,9mm Cable)
*it can't be placed in the recessed box
for installation



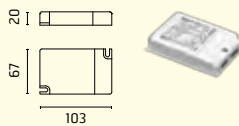
87
POWER SUPPLY 10W/110÷240V -
24Vdc IP20 CLASS II SELV.



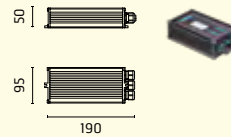
175
POWER SUPPLY 10W/110÷240V -
24Vdc IP67 CLASS II SELV.



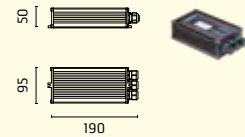
144
POWER SUPPLY 17W/110÷240V
- 24Vdc (15W@110V) IP20 CLASS
II SELV.



176
POWER SUPPLY 17W/110÷240V
- 24Vdc (15W@110V) IP67 CLASS
II SELV.



252
POWER SUPPLY 20W/110-240Vdc
(15W@110V) IP67 CLASS II SELV.

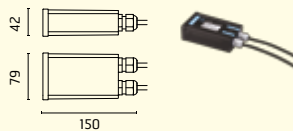


... DIMMABLE: PUSH-DIM OR 1-10V
See Page 510 Wiring Diagram n.4

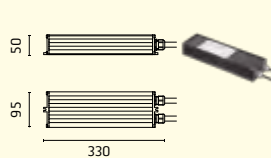
... DIMMABLE: PUSH-DIM OR 1-10V
See Page 510 Wiring Diagram n.4

... DIMMABLE: DALI
See Page 510 Wiring Diagram n.4

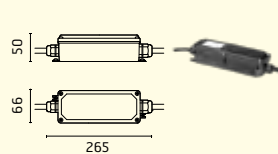
147
POWER SUPPLY 20W/220÷240V -
24Vdc IP67 CLASS II SELV.



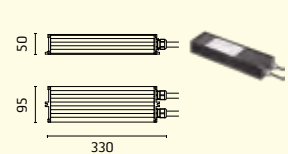
155
POWER SUPPLY 50W/120÷240V -
24Vdc IP67 CLASS II SELV.



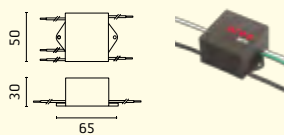
110
POWER SUPPLY 70W/220÷240V -
24Vdc IP67 CLASS II SELV EQ.



156
POWER SUPPLY 96W /120÷277V -
24Vdc IP67 CLASS II SELV.



237
SPD: (SURGE PROTECTION DEVICE)
275Vac MAXIMUM DISCHARGE
CURRENT 10KA (8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNECTION
- IP66



acc. code ▶	50	215	87	175	144	176	252	147	155	110	156	237	269
530002	•	•										•	
530003	•	•										•	
530005	•		1	1	2	2	2	2	7	9	12		•
530006	•		1	1	2	2	2	2	7	9	12		•
530007	•	•										•	
530008	•	•										•	
530009	•		2	2	4	4	4	4	12	16	21		•
530010	•		2	2	4	4	4	4	12	16	21		•

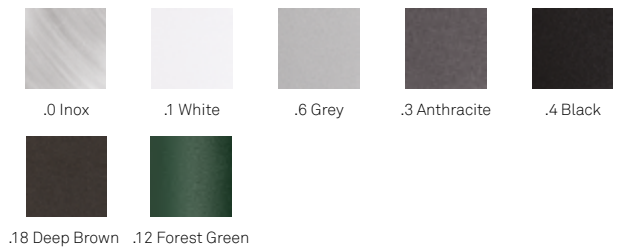
Max fixtures for each power supply (Vin 220÷240). Data in the chart are provided as a guide only. Please verify according to your installation.













- Round luminaire for installation on wall or ground - recessed.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content) and aluminium or AISI 316L stainless steel frame. Glass diffuser: transparent or sandblasted.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP67
- In compliance with EN 60598-1 standards
- Class of insulation: mains: I; low voltage: III
- Installation: the luminaire is equipped with a piece of cable with a 2-way connector for 3-conductor cables (H₂O STOP) for an easy-to-make connection. Outdoor use requires suitable flexible cables. Installation requires a dedicated box to be ordered separately. It is important to provide a >300mm gravel layer or a drain system (for concrete surface) to ensure good drainage and to avoid water stagnation.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

- A** **LED BULB VERSION:**
Class A
DRR/GU5,3
DR-PAR/GZ10
- B** **HALOGEN VERSION:**
Class B
QR-CBC51/GU5,3
- D** **HALOGEN VERSION:**
Class D
QRPARCBC51/GZ10



	Recessed ground fitting		Installation requires a 30cm water drainage layer (gravel)
	Do not install in hollow areas		Protection against water ingress from the cable
	Pre-wired with approx 250mm of cable		Static load: 1000Kg walk over (Ø 120mm)
	Remote device required		Static load: 1500Kg walk over (Ø 130mm)
	Protection against impact. IK 09 - 10,00 joule		Check that diffuser's temperature "T max °C" (tested at 25°C) complies with your local regulation

Clio Ø 120mm - Aluminium Frame - Transparent Glass - Fixed Symmetric Optic

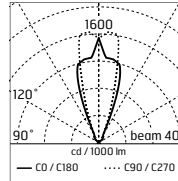
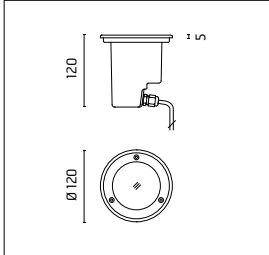


032856
 QPAR CBC 51 50W/230V GZ10
 T 180°C
 Optional LED bulb
 DR PAR 7,5W/230V GZ10
 Lamp max size: Ø50 mm H.58 mm



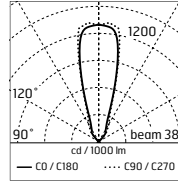
033356
 QR CBC 51 50W/12V GU5,3
 T 180°C
 Optional LED bulb
 DRR 6,5W/12V a.c. GU5,3
 Lamp max size: Ø50 mm H.48 mm

◆ Remote transformer to be ordered



m	lux	
	Max	Med
5.00	49	29
4.00	77	45
3.00	136	80
2.00	307	180
1.00	1228	718

$\alpha = 16.0^\circ + 16.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$

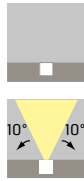


m	lux	
	Max	Med
5.00	40	27
4.00	62	42
3.00	110	74
2.00	248	166
1.00	993	665

$\alpha = 16.0^\circ + 16.0^\circ$ $\beta = 16.0^\circ + 16.0^\circ$

IP67 **CE**

Clio Ø 120mm - Aluminium Frame - Transparent Glass - Adjustable Optic

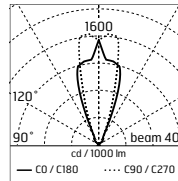
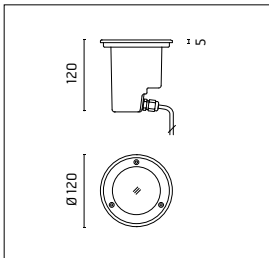


032815
 QPAR CBC 51 50W/230V GZ10
 T 180°C
 Optional LED bulb
 DR PAR 7,5W/230V GZ10
 Lamp max size: Ø50 mm H.58 mm



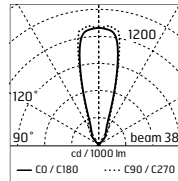
033315
 QR CBC 51 50W/12V GU5,3
 T 180°C
 Optional LED bulb
 DRR 6,5W/12V a.c. GU5,3
 Lamp max size: Ø50 mm H.48 mm

◆ Remote transformer to be ordered



m	lux	
	Max	Med
5.00	49	29
4.00	77	45
3.00	136	80
2.00	307	180
1.00	1228	718

$\alpha = 16.0^\circ + 16.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$



m	lux	
	Max	Med
5.00	40	27
4.00	62	42
3.00	110	74
2.00	248	166
1.00	993	665

$\alpha = 16.0^\circ + 16.0^\circ$ $\beta = 16.0^\circ + 16.0^\circ$

IP67 **CE**

Clio Ø 120mm - Aluminium Frame - Sandblasted Glass - Fixed Symmetric Optic

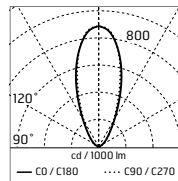
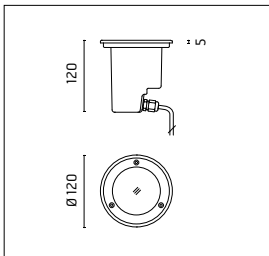


032823
 QPAR CBC 51 50W/230V GZ10
 T 180°C
 Optional LED bulb
 DR PAR 7,5W/230V GZ10
 Lamp max size: Ø50 mm H.58 mm



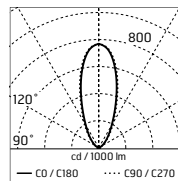
033323
 QR CBC 51 50W/12V GU5,3
 T 180°C
 Optional LED bulb
 DRR 6,5W/12V a.c. GU5,3
 Lamp max size: Ø50 mm H.48 mm

◆ Remote transformer to be ordered



m	lux	
	Max	Med
5.00	22	16
4.00	42	24
3.00	75	43
2.00	168	97
1.00	672	389

$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$



m	lux	
	Max	Med
5.00	23	14
4.00	35	21
3.00	65	38
2.00	146	85
1.00	583	339

$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$

IP67 **CE**

Clio Ø 130mm - Stainless Steel Frame - Transparent Glass - Fixed Symmetric Optic

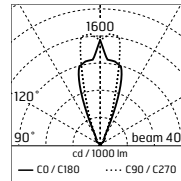
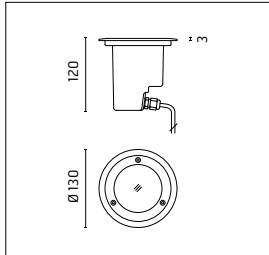


012856
 QPAR CBC 51 50W/230V GZ10
 T 180°C
 Optional LED bulb
 DR PAR 7,5W/230V GZ10
 Lamp max size: Ø50 mm H.58 mm



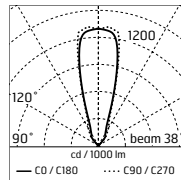
013356
 QR CBC 51 50W/12V GU5,3
 T 180°C
 Optional LED bulb
 DRR 6,5W/12V a.c. GU5,3
 Lamp max size: Ø50 mm H.48 mm

⚡ Remote transformer to be ordered



m	α	β	lux	
			Max	Med
5.00			49	29
4.00			77	45
3.00			136	80
2.00			307	180
1.00			1228	718

α = 16.0° + 16.0° β = 20.0° + 20.0°



m	α	β	lux	
			Max	Med
5.00			40	27
4.00			62	42
3.00			110	74
2.00			248	166
1.00			993	665

α = 16.0° + 16.0° β = 16.0° + 16.0°

IP67

Clio Ø 130mm - Stainless Steel Frame - Transparent Glass - Adjustable Optic

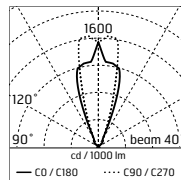
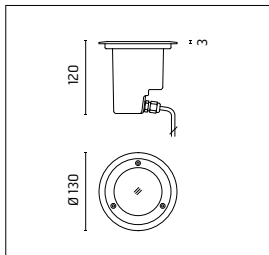


012815
 QPAR CBC 51 50W/230V GZ10
 T 180°C
 Optional LED bulb
 DR PAR 7,5W/230V GZ10
 Lamp max size: Ø50 mm H.58 mm



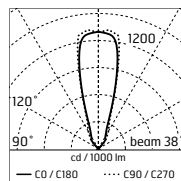
013315
 QR CBC 51 50W/12V GU5,3
 T 180°C
 Optional LED bulb
 DRR 6,5W/12V a.c. GU5,3
 Lamp max size: Ø50 mm H.48 mm

⚡ Remote transformer to be ordered



m	α	β	lux	
			Max	Med
5.00			49	29
4.00			77	45
3.00			136	80
2.00			307	180
1.00			1228	718

α = 16.0° + 16.0° β = 20.0° + 20.0°



m	α	β	lux	
			Max	Med
5.00			40	27
4.00			62	42
3.00			110	74
2.00			248	166
1.00			993	665

α = 16.0° + 16.0° β = 16.0° + 16.0°

IP67

Clio Ø 130mm - Stainless Steel Frame - Sandblasted Glass - Fixed Symmetric Optic

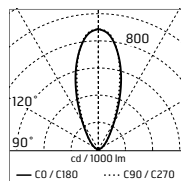
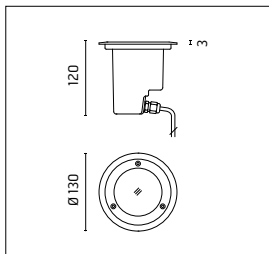


012828
 QPAR CBC 51 50W/230V GZ10
 T 180°C
 Optional LED bulb
 DR PAR 7,5W/230V GZ10
 Lamp max size: Ø50 mm H.58 mm



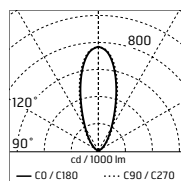
013328
 QR CBC 51 50W/12V GU5,3
 T 180°C
 Optional LED bulb
 DRR 6,5W/12V a.c. GU5,3
 Lamp max size: Ø50 mm H.48 mm

⚡ Remote transformer to be ordered



m	α	β	lux	
			Max	Med
5.00			22	16
4.00			42	24
3.00			75	43
2.00			168	97
1.00			672	389

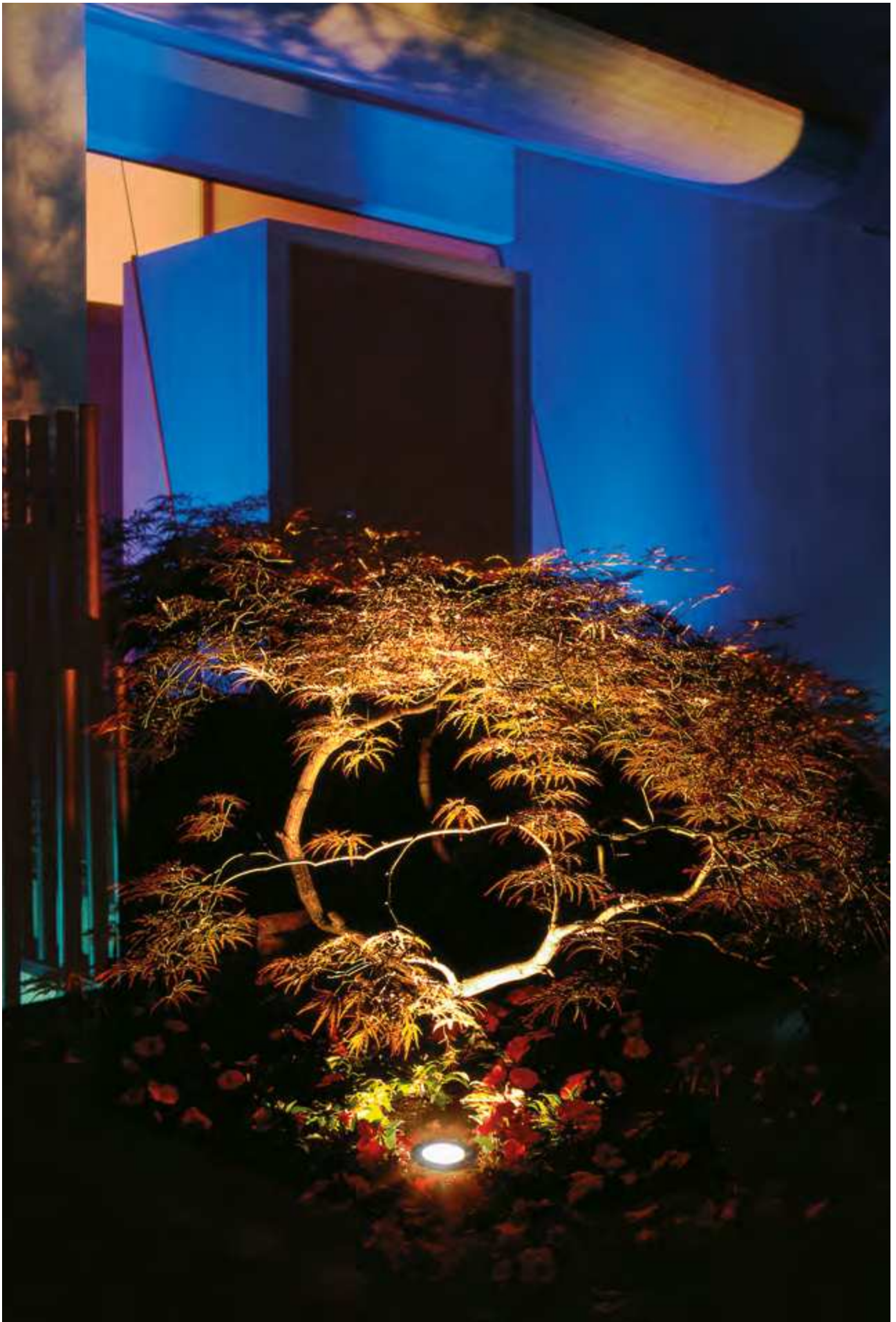
α = 20.0° + 20.0° β = 20.0° + 20.0°



m	α	β	lux	
			Max	Med
5.00			23	14
4.00			35	21
3.00			65	38
2.00			146	85
1.00			583	339

α = 20.0° + 20.0° β = 20.0° + 20.0°

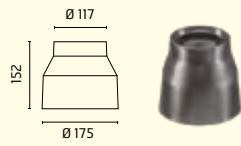
IP67



Accessories: Clio

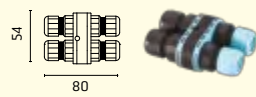
20

BOX FOR INSTALLATION
Ø 175 H 152mm



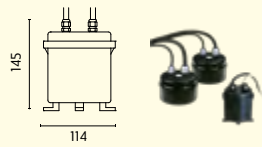
215

3/4 WAY TERMINAL BLOCK 4 POLES
IP68 H₂O STOP (Ø5,5÷12mm CABLE)



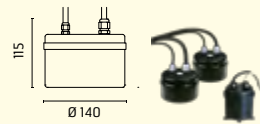
16

TRANSFORMER 50W
230V/12V 50Hz IP 66



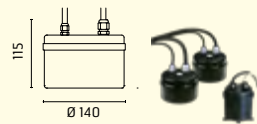
17

TRANSFORMER 200W
230V/12V 50Hz IP 66



18

TRANSFORMER 300W
230V/12V 50Hz IP 66



acc. code ▶	20	215	16	17	18
32856	•	•			
33356	•	•	•	•	•
32815	•	•			
33315	•	•	•	•	•
32823	•	•			
33323	•	•	•	•	•
12856	•	•			
13356	•	•	•	•	•
12815	•	•			
13315	•	•	•	•	•
12828	•	•			
13328	•	•	•	•	•



- Round luminaire for installation in-ground – recessed.
- Configuration: AISI 316 deep-drawn stainless steel structure with milled AISI 316L stainless steel finish frame. Glass diffuser: transparent or sandblasted. The stainless steel structure allows installation in extreme conditions (sea or road salt).
- Protection rating: IP67
- In compliance with EN 60598-1 standards
- Class of insulation: mains: I; low voltage: III
- Installation: the luminaire is equipped with a piece of cable with a 2-way connector for 3-conductor cables (H₂O STOP) for an easy-to-make connection. LED 24V is equipped with a dc/dc highly efficient converter that removes electromagnetic interference and allows parallel wiring and is protected against polarity reversal and sudden voltage peak. Outdoor use requires suitable flexible cables. Installation requires a dedicated box for installation (to be ordered separately). It is important to provide a >400mm gravel layer or a drain system (for concrete surface) to ensure good drainage and to avoid water stagnation.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

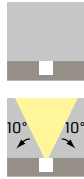
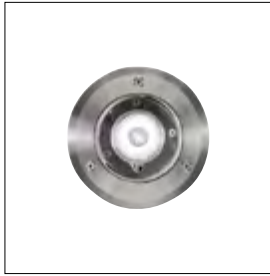
	LED VERSION: Class A/A+/A++ Luminaire supplied with integrated LED modules that cannot be replaced
	METAL HALIDE VERSION: Class A+ HIT-TC-CE/G8,5
	HALOGEN VERSION: Class B QR-CBC51/GU5,3
	HALOGEN VERSION: Class D QT32/E27 QPAR51/GU10



.0 Inox

	Recessed ground fitting		Installation requires a 40cm water drainage layer (gravel)
	Do not install in hollow areas		Pre-wired with approx 250mm of cable
	Protection against water ingress from the cable		Remote device required
	Static load: 2000Kg walk over		Drive over
	Check that diffuser's temperature "T max °C"(tested at 25°C) complies with your local regulation Glass surface temperature <70°C for LED source		Protection against impact. IK 09 - 10,00 joule

Idra Ø 130mm - Transparent Glass - Adjustable Optic

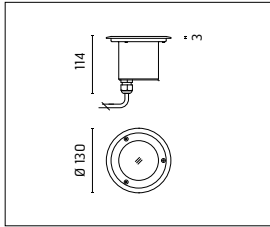
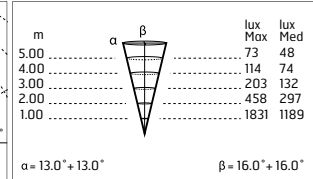
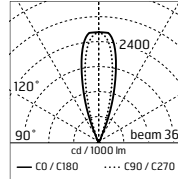
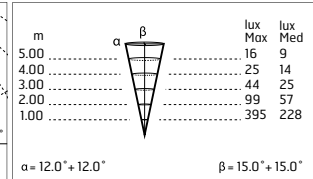
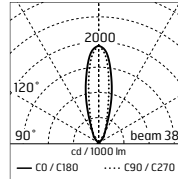


252815
 QPAR 51 35W/230V GU10
 T 132°C
 Lamp max size: Ø50 mm H.55 mm
 Optional LED bulb
 DR PAR 7,5W/230V GZ10
 Lamp max size: Ø50 mm H.55 mm



253315
 QR CBC 51 35W/12V GU5,3
 T 132°C
 Lamp max size: Ø50 mm H.45 mm
 Optional LED bulb
 DRR 6,5W/12V a.c. GU5,3
 Lamp max size: Ø50 mm H.45 mm

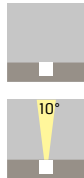
Remote transformer to be ordered



IP67

Idra Ø 130mm - Transparent Glass - Symmetric Optic - 10°

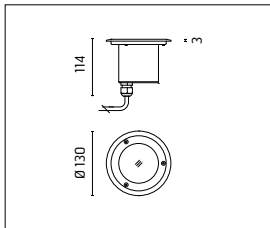
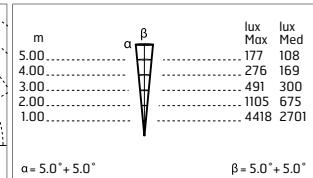
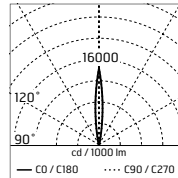
Light Source: Power LED / 3,3W / Total power 4,5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



255622
 White 2700K
 lm LED 307 ≈ lm OUTPUT 234

255612
 White 3000K
 lm LED 330 ≈ lm OUTPUT 252

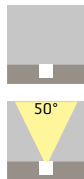
2517212
 White 4000K
 lm LED 366 ≈ lm OUTPUT 309



IP67

Idra Ø 130mm - Transparent Glass - Symmetric Optic - 50°

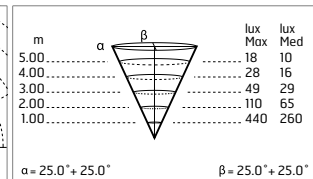
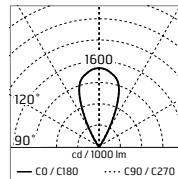
Light Source: Power LED / 3,3W / Total power 4,5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



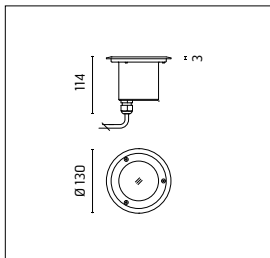
2556228
 White 2700K
 lm LED 307 ≈ lm OUTPUT 261

2556128
 White 3000K
 lm LED 330 ≈ lm OUTPUT 281

25172128
 White 4000K
 lm LED 366 ≈ lm OUTPUT 299



@ 4000K



IP67

Idra Ø 130mm - Sandblasted Glass - Symmetric Optic

Light Source: Power LED / 3,3W / Total power 4,5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered

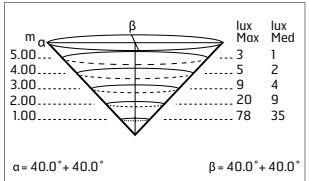
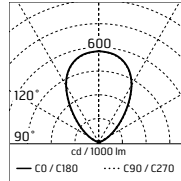


255638
White 2700K
lm LED 299 ≠ lm OUTPUT 121

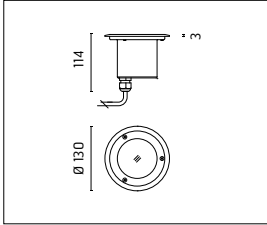


255628
White 3000K
lm LED 321 ≠ lm OUTPUT 130

2517228
White 4000K
lm LED 342 ≠ lm OUTPUT 138



@ 4000K



IP67

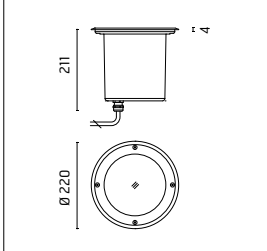
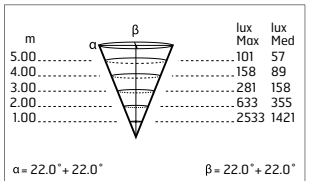
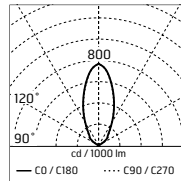
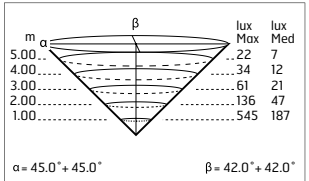
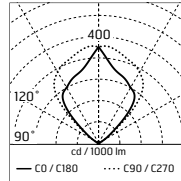
Idra Ø 220mm - Transparent Glass - Adjustable Optic



250113
QT 32 100W E27
T 170°C
Lamp max size: Ø40 mm H.115 mm



256713
HIT-TC-CE 35W G8,5
T 85°C

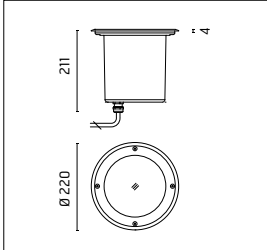
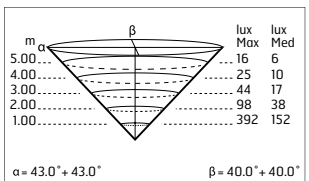
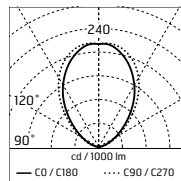


IP67

Idra Ø 220mm - Sandblasted Glass - Adjustable Optic



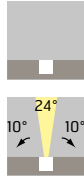
250157
QT 32 100W E27
T 170°C



IP67

Idra Ø 220mm - Transparent Glass - Adjustable Optic - 24°

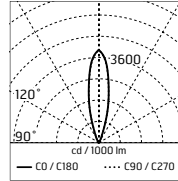
Light Source: Power LED / 15W / Total power 16W / CRI>90 / 220-240V / Integral electronic power supply



257722.A
White 2700K
lm LED 753 ≈ lm OUTPUT 747

257712.A
White 3000K
lm LED 810 ≈ lm OUTPUT 803

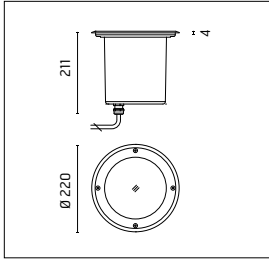
2518312.A
White 4000K
lm LED 830 ≈ lm OUTPUT 817



m	lux	
	Max	Med
5.00	129	79
4.00	201	124
3.00	358	220
2.00	805	496
1.00	3221	1982

$\alpha = 12.0^\circ + 12.0^\circ$ $\beta = 12.0^\circ + 12.0^\circ$

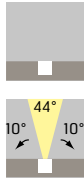
@ 4000K



IP67

Idra Ø 220mm - Transparent Glass - Adjustable Optic - 44°

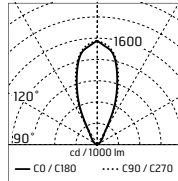
Light Source: Power LED / 15W / Total power 16W / CRI>90 / 220-240V / Integral electronic power supply



257738.A
White 2700K
lm LED 753 ≈ lm OUTPUT 719

257728.A
White 3000K
lm LED 810 ≈ lm OUTPUT 741

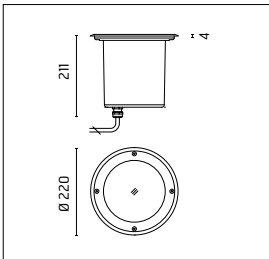
2518328.A
White 4000K
lm LED 830 ≈ lm OUTPUT 803



m	lux	
	Max	Med
5.00	48	28
4.00	75	43
3.00	134	77
2.00	301	173
1.00	1204	693

$\alpha = 22.0^\circ + 22.0^\circ$ $\beta = 22.0^\circ + 22.0^\circ$

@ 4000K

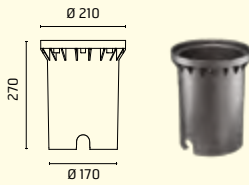


IP67



Accessories: Idra

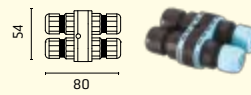
26
BOX FOR INSTALLATION
Ø 210 H 270mm



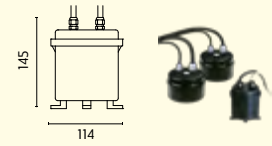
85
BOX FOR INSTALLATION
Ø 130 H 130mm



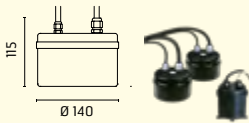
215
3/4 WAY TERMINAL BLOCK 4 POLES
IP68 H₂O STOP (Ø5,5÷12mm CABLE)



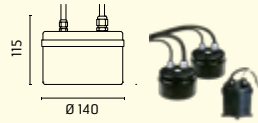
16
TRANSFORMER 50W
230V/12V 50Hz IP 66



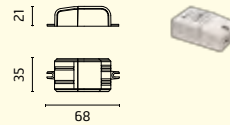
17
TRANSFORMER 200W
230V/12V 50Hz IP 66



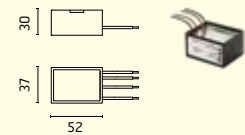
18
TRANSFORMER 300W
230V/12V 50Hz IP 66



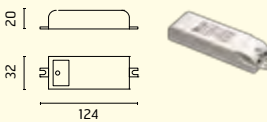
150
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP20 CLASS II SELV EQ.



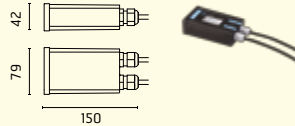
106
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP65 CLASS II SELV EQ.



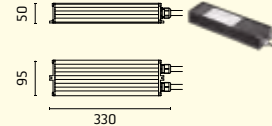
87
POWER SUPPLY 10W/110÷240V -
24Vdc IP20 CLASS II SELV.



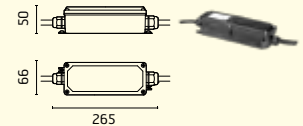
175
POWER SUPPLY 10W/110÷240V - 24Vdc
IP67 CLASS II SELV.



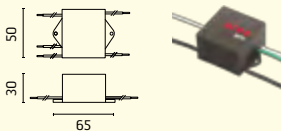
155
POWER SUPPLY 50W/120÷240V - 24Vdc
IP67 CLASS II SELV.



110
POWER SUPPLY 70W/220÷240V - 24Vdc
IP67 CLASS II SELV EQ.



237
SPD: (SURGE PROTECTION DEVICE)
275Vac
MAXIMUM DISCHARGE CURRENT 10KA
(8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNECTION
- IP66



acc. code ▶	26	85	215	16	17	18	150	106	87	175	155	110	237
prod. code ▼	26	85	215	16	17	18	150	106	87	175	155	110	237
250113	•		•										
250157	•		•										
252815		•	•										
253315		•	•	•	•	•							
255612		•	•				1	1	2	2	7	14	
255622		•	•				1	1	2	2	7	14	
255628		•	•				1	1	2	2	7	14	
255638		•	•				1	1	2	2	7	14	
256713	•		•										
257712.A	•		•										•
257722.A	•		•										•
257728.A	•		•										•
257738.A	•		•										•
2517212		•	•				1	1	2	2	7	14	
2517228		•	•				1	1	2	2	7	14	
2518312.A	•		•										•
2518328.A	•		•										•
2556128		•	•				1	1	2	2	7	14	
2566228		•	•				1	1	2	2	7	14	
25172128		•	•				1	1	2	2	7	14	

Max fixtures for each power supply (Vin 220÷240). Data in the chart are provided as a guide only. Please verify according to your installation.

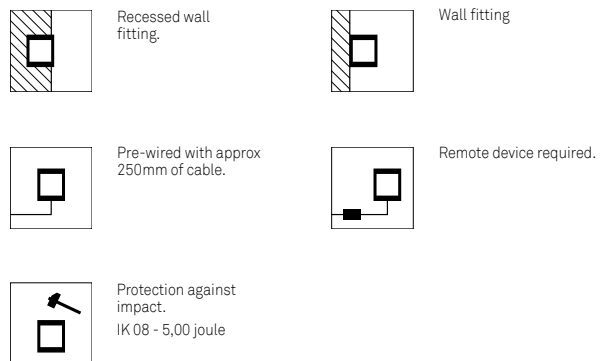
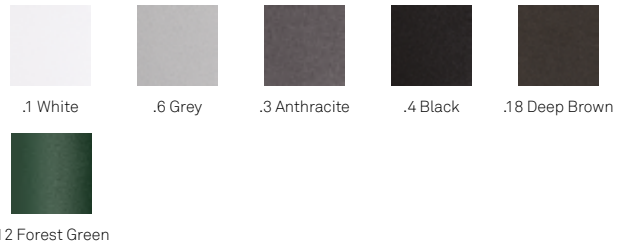


- Slim rectangular or round luminaire for installation on wall – surface or recessed.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Moulded transparent polycarbonate emitting unit (rectangular) or transparent polyurethane resin filling (round) and polished aluminium reflector fixed by double-sided technical tape.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: III
- Installation: the luminaire is equipped with a piece of cable for an easy-to-make connection. 24V feeding: power supply installed in a remote position; 230V feeding: power supply located behind the luminaire into the recessed box for installation (to be ordered separately). Outdoor use requires suitable flexible cables.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating.
Damages on the coating exposed to outdoor conditions or water, could cause corrosion.
Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

A++
A+
A

LED VERSION:
Class A/A+/A++
Luminaire supplied with integrated LED modules that cannot be replaced



Trixie Round - Transparent Diffuser

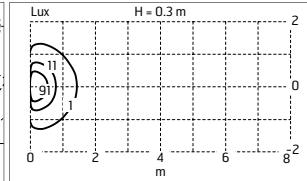
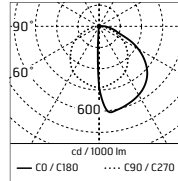
Light Source: Low-Power LED / 1,5W / Total power 1,9W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



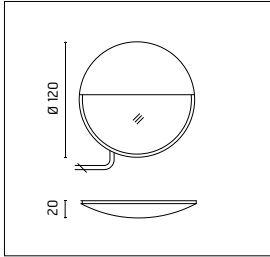
526005
White 2700K
lm LED 139 lm OUTPUT 66
...||||| Acc. 144, 176 or 252

526003
White 3000K
lm LED 149 = lm OUTPUT 71
...||||| Acc. 144, 176 or 252

526002
White 4000K
lm LED 156 = lm OUTPUT 74
...||||| Acc. 144, 176 or 252



@ 4000K



IP65

Trixie - Transparent Diffuser

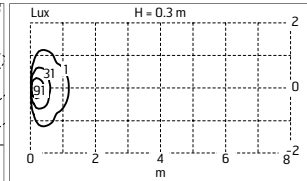
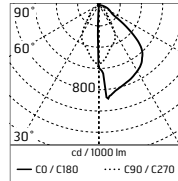
Light Source: Low-Power LED / 1,5W / Total power 1,9W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



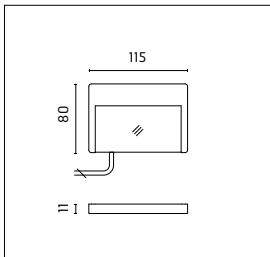
1029600
White 2700K
lm LED 139 lm OUTPUT 57
...||||| Acc. 144, 176 or 252

1029500
White 3000K
lm LED 149 = lm OUTPUT 61
...||||| Acc. 144, 176 or 252

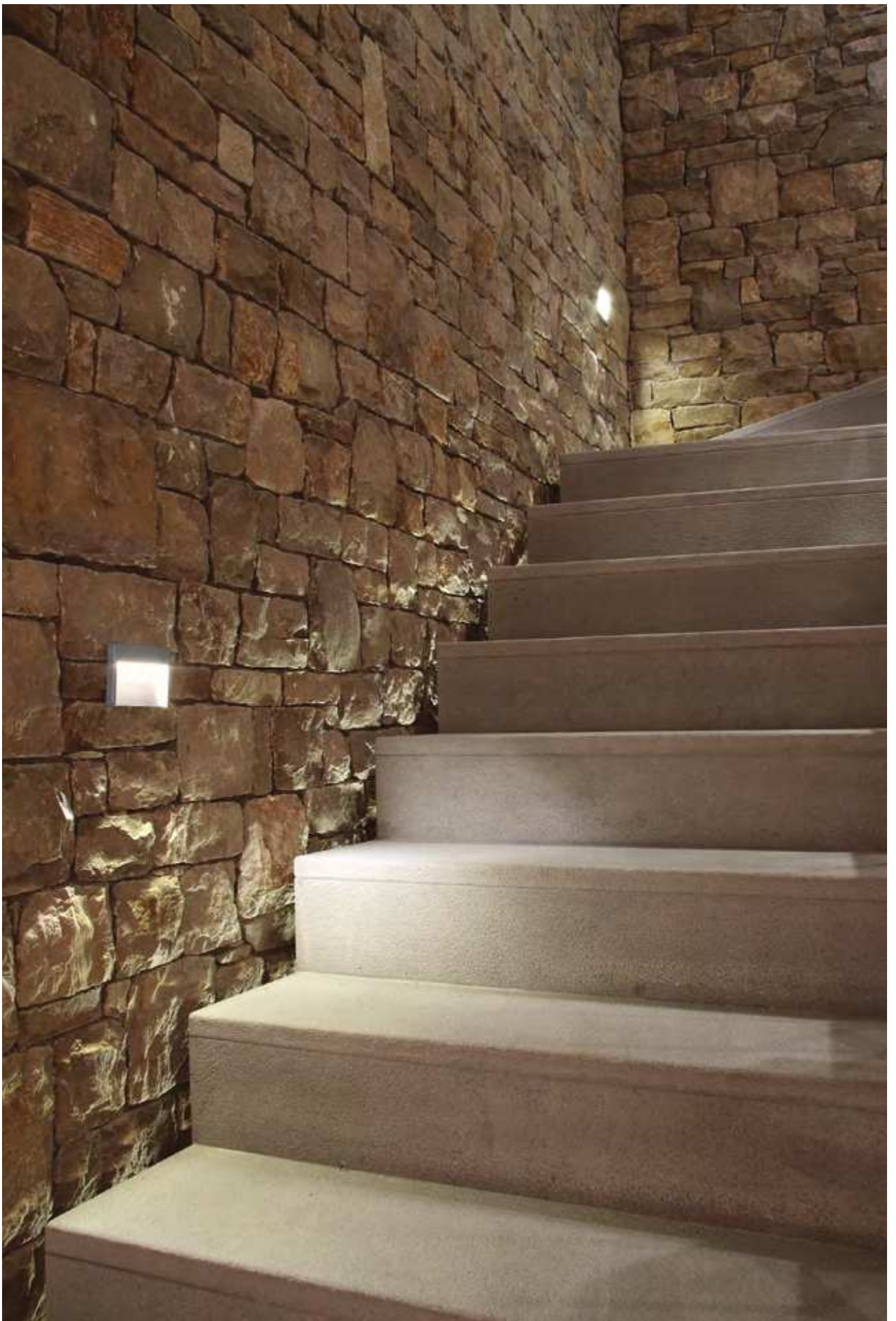
1022900
White 4000K
lm LED 156 = lm OUTPUT 64
...||||| Acc. 144, 176 or 252



@ 4000K



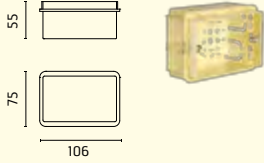
IP65



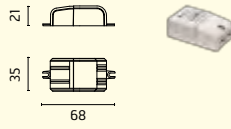


Accessories: Trixie

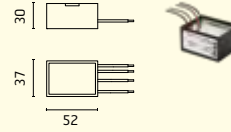
105
3 MODULES RECESSED BOX
106 x 75 H 55mm



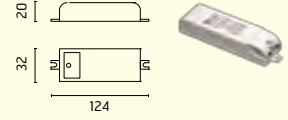
150
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP20 CLASS II SELV EQ.



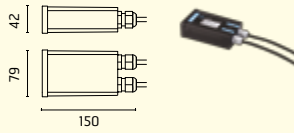
106
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP65 CLASS II SELV EQ.



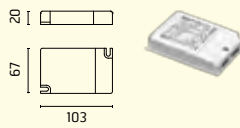
87
POWER SUPPLY 10W/110÷240V -
24Vdc IP20 CLASS II SELV.



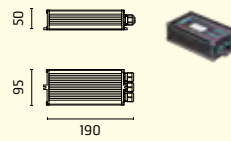
175
POWER SUPPLY 10W/110÷240V - 24Vdc
IP67 CLASS II SELV.



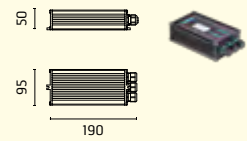
144
POWER SUPPLY 17W/110÷240V - 24Vdc
(15W@110V) IP20 CLASS II SELV.



176
POWER SUPPLY 17W/110÷240V - 24Vdc
(15W@110V) IP67 CLASS II SELV.



252
POWER SUPPLY 20W/110-240Vdc
(15W@110V) IP67 CLASS II SELV.

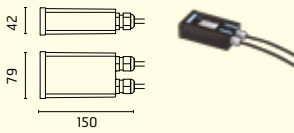


... DIMMABLE: PUSH-DIM OR 1-10V
See Page 510 Wiring Diagram n.4

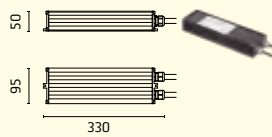
... DIMMABLE: PUSH-DIM OR 1-10V
See Page 510 Wiring Diagram n.4

... DIMMABLE: DALI
See Page 510 Wiring Diagram n.4

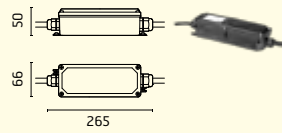
147
POWER SUPPLY 20W/220÷240V -
24Vdc IP67 CLASS II SELV.



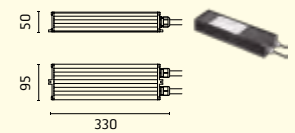
155
POWER SUPPLY 50W/120÷240V -
24Vdc IP67 CLASS II SELV.



110
POWER SUPPLY 70W/220÷240V -
24Vdc IP67 CLASS II SELV EQ.

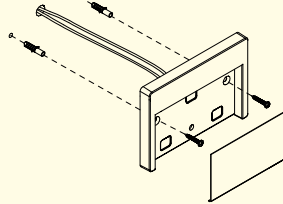
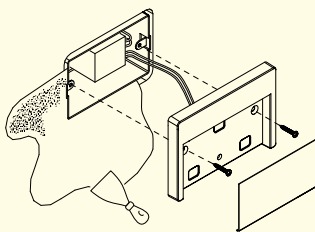


156
POWER SUPPLY 96W/120÷277V -
24Vdc IP67 CLASS II SELV.



Trixie with box cod.105

Trixie without box cod.105



Optional: power supply code 106 in
recessed box.

acc. code ▶	105	150	106	87	175	144	176	252	147	155	110	156
prod. code ▼	105	150	106	87	175	144	176	252	147	155	110	156
526002	•	3	3	5	5	8	8	9	9	25	30	45
526003	•	3	3	5	5	8	8	9	9	25	30	45
1029500	•	3	3	5	5	8	8	9	9	25	30	45
10222900	•	3	3	5	5	8	8	9	9	25	30	45
526005	•	3	3	5	5	8	8	9	9	25	30	45
1029600	•	3	3	5	5	8	8	9	9	25	30	45

Max fixtures for each power supply (Vin 220÷240). Data in the chart are provided as a guide only. Please verify according to your installation.



CAMILLA

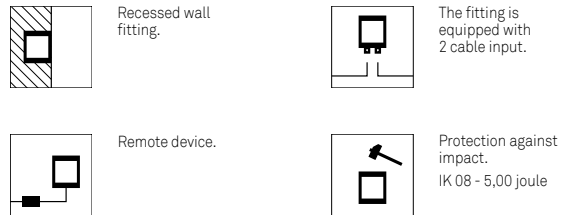
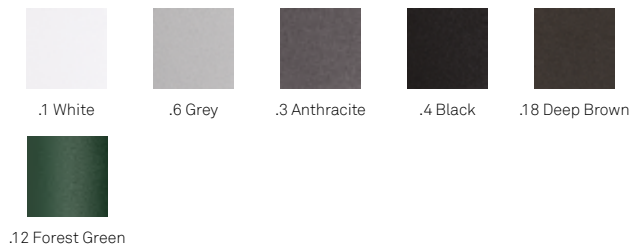
- Rectangular luminaire for installation in the wall – recessed.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Glass diffuser: sandblasted with silkscreen border, fixed to the aluminium structure through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: mains: I; LED module: I, III; RGB: III
- Installation: Electrical components housed into the removable back side. Wiring through two M16 cable glands for (4,5\times10mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland. Installation requires a dedicated box to be ordered separately.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

A++
A+
A
A

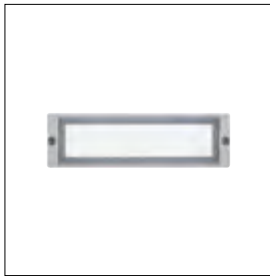
LED VERSION:
Class A/A+/A++
Luminaire supplied with integrated LED modules that cannot be replaced

FLUORESCENT VERSION:
Class A
TC-SEL/2G7



Camilla L 230 mm - Adjustable Optic - Diffused Light

Light Source: Mid-Power LED / CRI>80

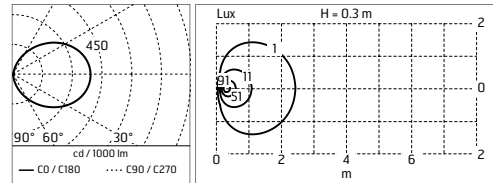


⊕ 4W / Potenza totale 7W / 100±240V / Integral electronic power supply

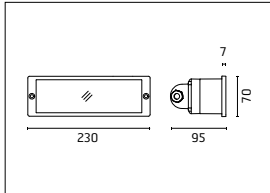
115147212
White 2700K
lm LED 493 ≈ lm OUTPUT 180

115147112
White 3000K
lm LED 530 ≈ lm OUTPUT 194

115147113
White 4000K
lm LED 557 ≈ lm OUTPUT 209



@ 4000K



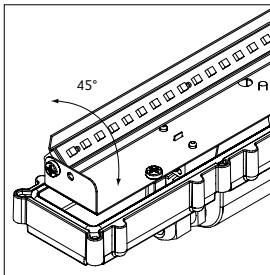
◇ 4W / Total power 5W / 24Vdc / Remote electronic power supply to be ordered

115147214
White 2700K
lm LED 493 ≈ lm OUTPUT 180
..|||| Acc. 144, 176 or 252

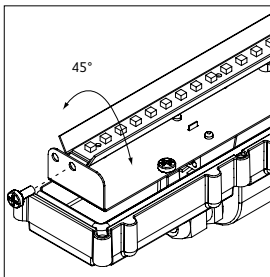
115147114
White 3000K
lm LED 530 ≈ lm OUTPUT 194
..|||| Acc. 144, 176 or 252

115147115
White 4000K
lm LED 557 ≈ lm OUTPUT 209
..|||| Acc. 144, 176 or 252

Supplied with asymmetric emission



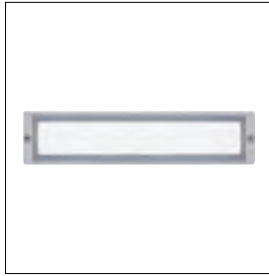
Move the LED module to get the symmetric emission



IP67  

Camilla L 300 mm - Adjustable Optic - Diffused Light

Light Source: Mid-Power LED / CRI>80

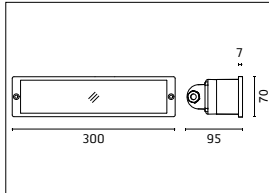
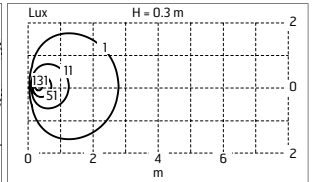
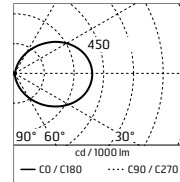


⊕ 6W / Potenza totale 10W / 100÷240V / Integral electronic power supply

115147216
White 2700K
lm LED 739 ≠ lm OUTPUT 247

115147116
White 3000K
lm LED 795 ≠ lm OUTPUT 266

115147117
White 4000K
lm LED 835 ≠ lm OUTPUT 286



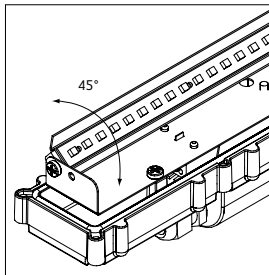
◇ 6W / Total power 7,5W / 24Vdc / Remote electronic power supply to be ordered

115147218
White 2700K
lm LED 739 ≠ lm OUTPUT 247
Acc. 144, 176 or 252

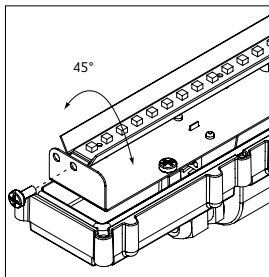
115147118
White 3000K
lm LED 795 ≠ lm OUTPUT 266
Acc. 144, 176 or 252

115147119
White 4000K
lm LED 835 ≠ lm OUTPUT 286
Acc. 144, 176 or 252

Supplied with asymmetric emission



Move the LED module to get the symmetric emission

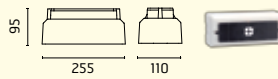


IP67  

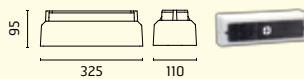


Accessories: Camilla

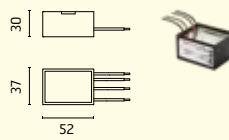
123
BOX FOR INSTALLATION
255 x 110 x H 95mm



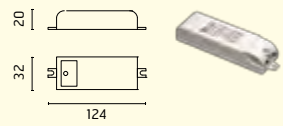
124
BOX FOR INSTALLATION
325 x 110 x H 95mm



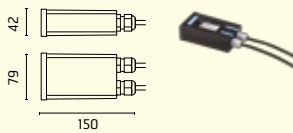
106
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP65 CLASS II SELV EQ.



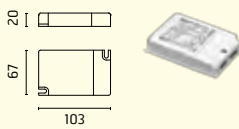
87
POWER SUPPLY 10W/110÷240V -
24Vdc IP20 CLASS II SELV.



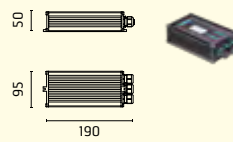
175
POWER SUPPLY 10W/110÷240V -
24Vdc IP67 CLASS II SELV.



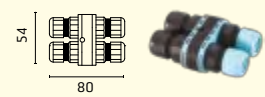
144
POWER SUPPLY 17W/110÷240V -
24Vdc (15W@110V) IP20 CLASS II
SELV.



176
POWER SUPPLY 17W/110÷240V
- 24Vdc (15W@110V) IP67 CLASS
II SELV.



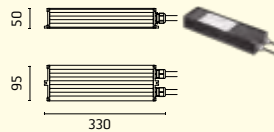
215
3/4 WAY TERMINAL BLOCK 4 POLES
IP68 H₂O STOP (Ø5,5÷12mm CABLE)



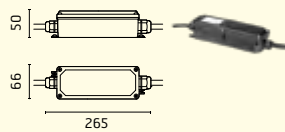
... DIMMABLE: PUSH-DIM OR 1-10V
See Page 510 Wiring Diagram n.4

... DIMMABLE: PUSH-DIM OR 1-10V
See Page 510 Wiring Diagram n.4

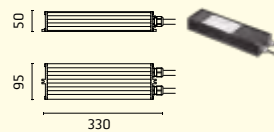
155
POWER SUPPLY 50W/120÷240V -
24Vdc IP67 CLASS II SELV.



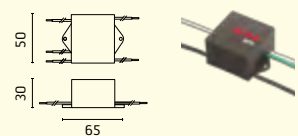
110
POWER SUPPLY 70W/220÷240V -
24Vdc IP67 CLASS II SELV EQ.



156
POWER SUPPLY 96W /120÷277V -
24Vdc IP67 CLASS II SELV.



237
SPD: (SURGE PROTECTION DEVICE)
275Vac
MAXIMUM DISCHARGE CURRENT
10KA (8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNCTION
- IP66



acc. code ▶	123	124	106	87	175	144	176	252	155	110	156	237
prod. code ▼												
115147112	•											•
115147113	•											•
115147114	•		1	2	2	3	3	3	10	13	18	
115147116		•										•
115147117		•										•
115147118		•	1	1	1	2	2	2	6	8	12	
115147119		•	1	1	1	2	2	2	6	8	12	
115147212	•											•
115147214	•		1	2	2	3	3	3	10	13	18	
115147216		•										•
115147218		•	1	1	1	2	2	2	6	8	12	









Max fixtures for each power supply (Vin 220÷240). Data in the chart are provided as a guide only. Please verify according to your installation.

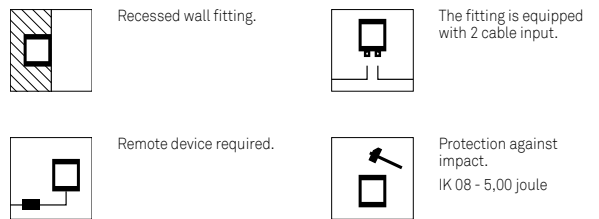
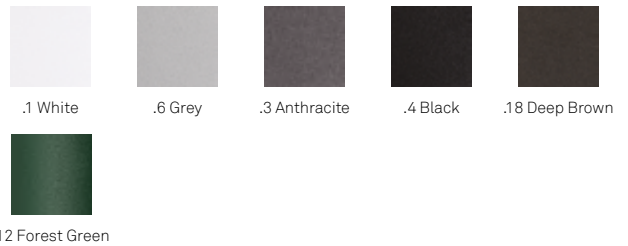


ALICE

- Rectangular luminaire for installation in the wall – recessed.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Glass diffuser: sandblasted.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I, LED module: I, III
- Installation: wiring through two M16 plastic cable glands (4,5\times10mm) placed on the back side of the fitting. Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland. Installation requires a dedicated box to be ordered separately.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

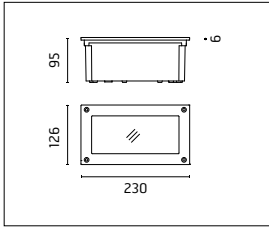
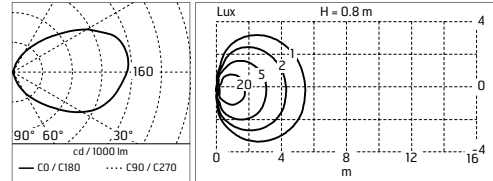
	LED VERSION: Class A/A+/A++ Luminaire supplied with integrated LED modules that cannot be replaced
	
	
	FLUORESCENT VERSION: Class A TC-DEL/G24q-2
	
	FLUORESCENT VERSION: Class A/B TC-D/G24d-3
	
	HALOGEN VERSION: Class D QT32/E27



Alice - All Light



820123
 QT 32 60W E27
 Lamp max size: Ø40 mm H.125 mm



IP65

Alice - All Light

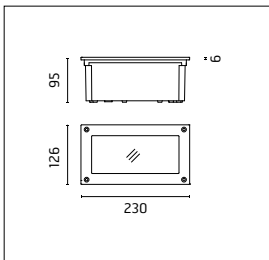
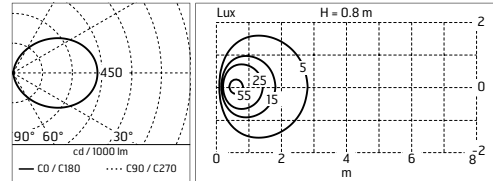
Light Source: Mid-Power LED / 8,8W / Potenza totale 11W / CRI>80 / 220÷240V / Integral electronic power supply



8202005
 White 2700K
 lm LED 1114 ≠ lm OUTPUT 372

8202002
 White 3000K
 lm LED 1198 ≠ lm OUTPUT 400

8202001
 White 4000K
 lm LED 1258 ≠ lm OUTPUT 420

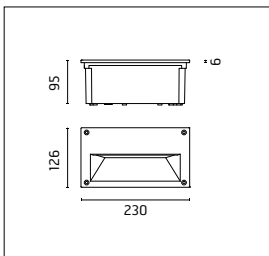
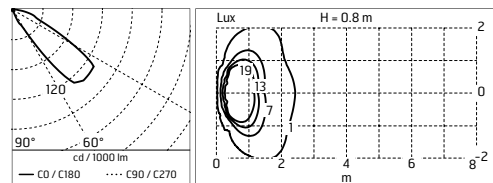


IP65

Alice - Horizontal Frame



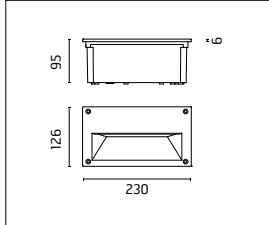
820117
 QT 32 60W E27
 Lamp max size: Ø40 mm H.125 mm



IP65

Alice - Horizontal Frame

Light Source: Power LED / CRI>80

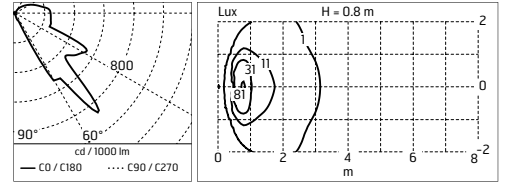


⊕ 5,5W / Potenza totale 8W / 100÷240V / Integral electronic power supply

8212527
White 2700K
lm LED 558 ≠ lm OUTPUT 131

8212517
White 3000K
lm LED 600 ≠ lm OUTPUT 141

8220917
White 4000K
lm LED 650 ≠ lm OUTPUT 153



@ 4000K

◇ 5,5W / Total power 6,7W / 24Vdc / Remote electronic power supply to be ordered

8225927
White 2700K
lm LED 558 ≠ lm OUTPUT 131

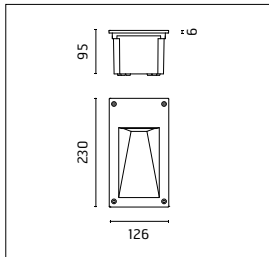
8225917
White 3000K
lm LED 600 ≠ lm OUTPUT 141

8225817
White 4000K
lm LED 650 ≠ lm OUTPUT 153

IP65

Alice Vertical Frame

Light Source: Power LED / CRI>80

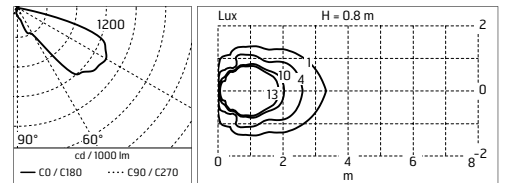


⊕ 3,3W / Potenza totale 6W / 100÷240V / Integral electronic power supply

8212228
White 2700K
lm LED 299 ≠ lm OUTPUT 68

8212218
White 3000K
lm LED 321 ≠ lm OUTPUT 73

8218218
White 4000K
lm LED 342 ≠ lm OUTPUT 81



@ 4000K

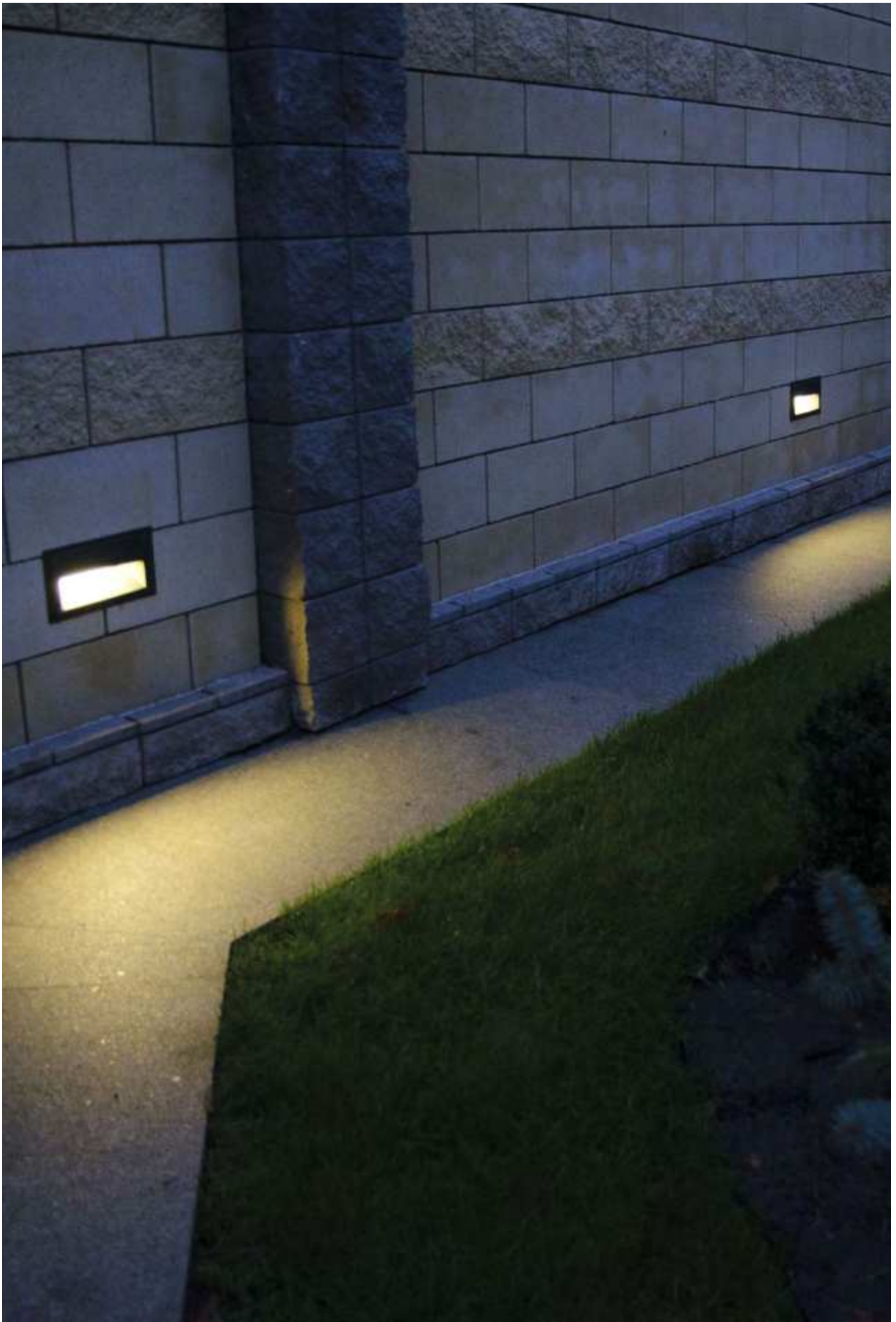
◇ 3,3W / Total power 4,5W / 24Vdc / Remote electronic power supply to be ordered

8226228
White 2700K
lm LED 299 ≠ lm OUTPUT 68

8226218
White 3000K
lm LED 321 ≠ lm OUTPUT 73

8226118
White 4000K
lm LED 342 ≠ lm OUTPUT 81

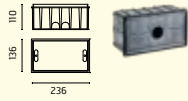
IP65



Accessories: Alice

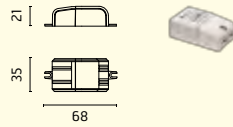
77

BOX FOR INSTALLATION
236 x 136 H 110mm



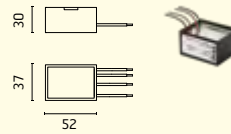
150

POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP20 CLASS II SELV EQ.



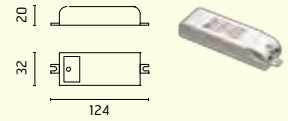
106

POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP65 CLASS II SELV EQ.



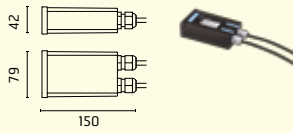
87

POWER SUPPLY 10W/110÷240V -
24Vdc IP20 CLASS II SELV.



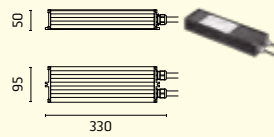
175

POWER SUPPLY 10W/110÷240V -
24Vdc IP67 CLASS II SELV.



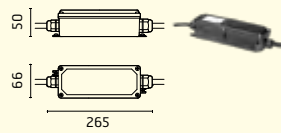
155

POWER SUPPLY 50W/120÷240V -
24Vdc IP67 CLASS II SELV.



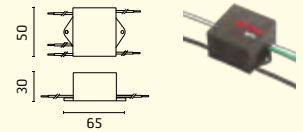
110

POWER SUPPLY 70W/220÷240V -
24Vdc IP67 CLASS II SELV EQ.



237

SPD: (SURGE PROTECTION DEVICE)
275Vac
MAXIMUM DISCHARGE CURRENT
10KA (8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNECTION
- IP66



acc. code ▶	77	150	106	87	175	155	110	237
prod. code ▼								
820117	•							
820123	•							
8202001	•							•
8202002	•							•
8202005	•							•
8212218	•							•
8212228	•							•
8212517	•							•
8212527	•							•
8218218	•							•
8220917	•							•
8225817	•			1	1	4	8	
8225917	•			1	1	4	8	
8225927	•			1	1	4	8	
8226118	•	1	1	2	2	7	14	
8226218	•	1	1	2	2	7	14	
8226228	•	1	1	2	2	7	14	

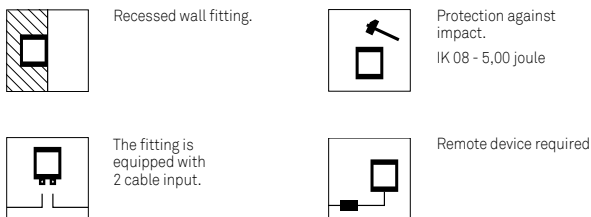
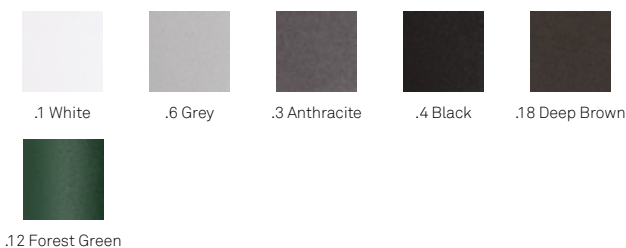
Max fixtures for each power supply (Vin 220÷240).
Data in the chart are provided as a guide only.
Please verify according to your installation.



- Square luminaire for installation in the wall – recessed.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Glass diffuser: transparent or sandblasted, fixed to the frame through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP54
- In compliance with EN 60598-1 standards
- Class of insulation: mains: I, LED module: II, III
- Installation: MiniAlfia is equipped with two cable holders for three single wires. Alfia is equipped with two cable holders for 5ϕ<math><10\text{mm}</math> cables. Outdoor use requires suitable flexible cables assuring the watertightness of the cable holders. Installation requires a dedicated box to be ordered separately.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

	LED VERSION: Class A/A+/A++ Luminaire supplied with integrated LED modules that cannot be replaced
	METAL HALIDE VERSION: Class A+ HIT-CE/G12
	FLUORESCENT VERSION: Class A TC-DEL/G24d-3
	HALOGEN VERSION: Class D QT32/E27 QT14/G9



MiniAlfia - Transparent Glass

Light Source: Power LED / CRI>80

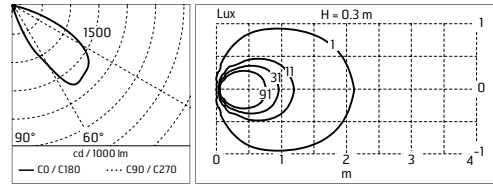


□ 2,2W / Total power 4W / 100±240V / Integral electronic power supply

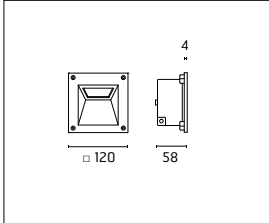
816420
White 2700K
lm LED 223 ≈ lm OUTPUT 151

816400
White 3000K
lm LED 240 ≈ lm OUTPUT 162

8121300
White 4000K
lm LED 260 ≈ lm OUTPUT 175



@ 4000K



◇ 2,2W / Total power 3,1W / 24Vdc / Remote electronic power supply to be ordered

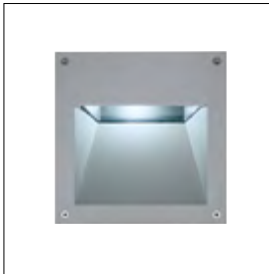
8121620
White 2700K
lm LED 223 ≈ lm OUTPUT 151

8121600
White 3000K
lm LED 240 ≈ lm OUTPUT 162

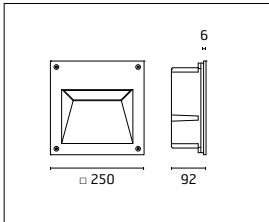
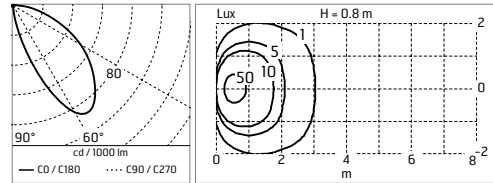
8121500
White 4000K
lm LED 260 ≈ lm OUTPUT 175

IP54

Alfia - Transparent Glass



820100
QT 32 100W E27
Lamp max size: Ø40 mm H.150 mm



IP54

Alfa - Sandblasted Glass

Light Source: Mid-Power LED / 8,8W / Total power 11W / CRI>80 / 220÷240V / Integral electronic power supply

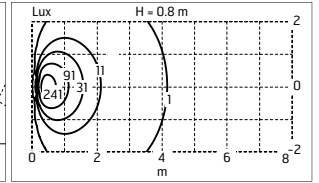
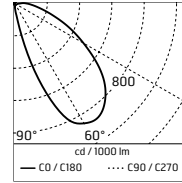


822805
White 2700K
lm LED 1144 ≠ lm OUTPUT 373

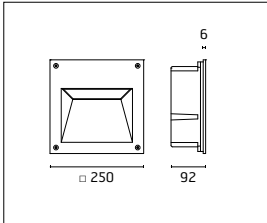


822801
White 3000K
lm LED 1230 ≠ lm OUTPUT 401

822800
White 4000K
lm LED 1291 ≠ lm OUTPUT 421



@ 4000K



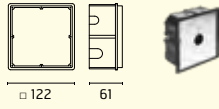
IP54   



Accessories: Alfia

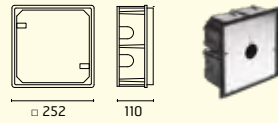
59

BOX FOR INSTALLATION
122 x 122 H 61mm



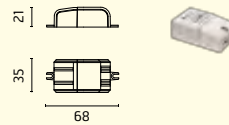
60

BOX FOR INSTALLATION
252 x 252 H 110mm



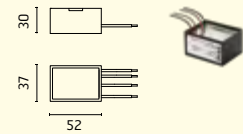
150

POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP20 CLASS II SELV EQ.



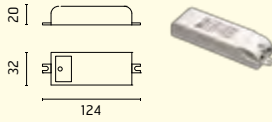
106

POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP65 CLASS II SELV EQ.



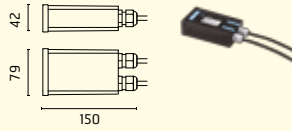
87

POWER SUPPLY 10W/110÷240V -
24Vdc IP20 CLASS II SELV.



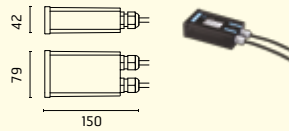
175

POWER SUPPLY 10W/110÷240V -
24Vdc IP67 CLASS II SELV.



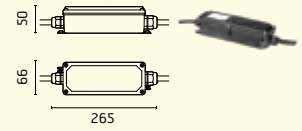
147

POWER SUPPLY 20W/220÷240V -
24Vdc IP67 CLASS II SELV.



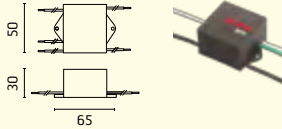
110

POWER SUPPLY 70W/220÷240V -
24Vdc IP67 CLASS II SELV EQ.



237

SPD: (SURGE PROTECTION DEVICE)
275Vac
MAXIMUM DISCHARGE CURRENT
10KA (8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNEC-
TION - IP66



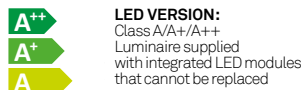
acc. code ▶	59	60	150	106	87	175	147	110	237
prod. code ▼									
816400	•								•
820100		•							
822800		•							•
822801		•							•
8121300	•								•
8121500	•		1	1	2	2	7	15	
8121600	•		1	1	2	2	7	15	
8121620	•		1	1	2	2	7	15	
816420	•								•
822805		•							•

Max fixtures for each power supply (Vin 220÷240).Data in the chart are provided as a guide only.Please verify according to your installation.



- Round luminaire for installation in the ceiling – recessed.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content) and AISI 316L stainless steel outer frame (raw or painted in white). Glass diffuser: textured with silkscreen border, fixed to the aluminium structure through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP66
- In compliance with EN60598-1 standards
- Class of insulation: II; version 230V: I
- Installation: the luminaire is equipped with a watertight M12 screw-connector providing optimal insulation against water ingress. 220-240V version: the luminaire is supplied with a remote IP67 electronic power supply kit equipped with a piece of cable with screw connector towards the luminaire and a piece of cable to be used for wiring. 230V direct feeding: the luminaire is equipped with a piece of cable with a 2-way connector for 3-conductor cables (H2O STOP) for an easy-to-make connection. Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland / connector.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating.
Damages on the coating exposed to outdoor conditions or water, could cause corrosion.
Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes



Inox



White



Recessed ceiling fitting



Protection against water ingress from the cable



Pre-wired with approx 250mm of cable

Protection against impact
IK 06 - 1,00 joule (Leila105-135)
IK 07 - 2,00 joule (Leila165-225)

Leila105 - Stainless Steel Frame - 20°

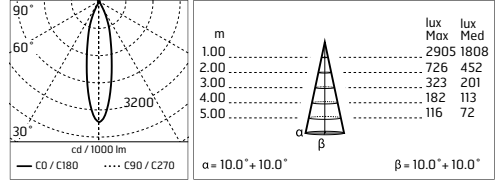
Light Source: CoB LED / 9W / Total power 12W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



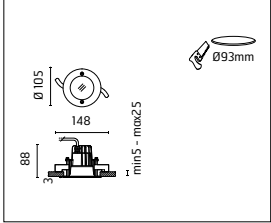
536103
White 2700K
lm LED 1143 ≠ lm OUTPUT 646

536003
White 3000K
lm LED 1229 ≠ lm OUTPUT 695

536002
White 4000K
lm LED 1278 ≠ lm OUTPUT 723



@ 4000K



Dimmable on request

IP66

Leila105 - Stainless Steel Frame - 45°

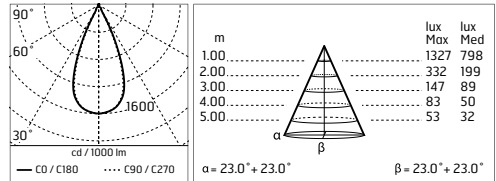
Light Source: CoB LED / 9W / Total power 12W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



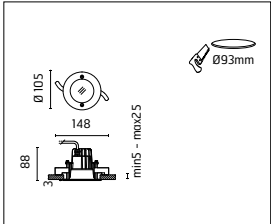
536106
White 2700K
lm LED 1143 ≠ lm OUTPUT 802

536006
White 3000K
lm LED 1229 ≠ lm OUTPUT 862

536005
White 4000K
lm LED 1278 ≠ lm OUTPUT 896



@ 4000K



Dimmable on request

IP66

Leila105 - Painted Frame - 20°

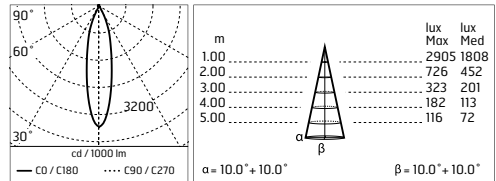
Light Source: CoB LED / 9W / Total power 12W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



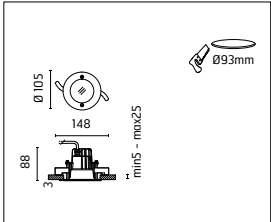
536109
White 2700K
lm LED 1143 ≠ lm OUTPUT 646

536009
White 3000K
lm LED 1229 ≠ lm OUTPUT 695

536008
White 4000K
lm LED 1278 ≠ lm OUTPUT 723



@ 4000K



Dimmable on request

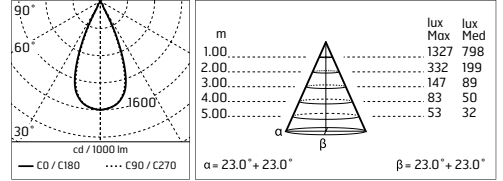
IP66

Leila105 - Painted Frame - 45°

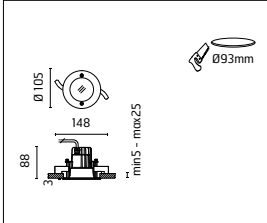
Light Source: CoB LED / 9W / Total power 12W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



- 536112**
White 2700K
lm LED 1143 ≠ lm OUTPUT 802
- 536012**
White 3000K
lm LED 1229 ≠ lm OUTPUT 862
- 536011**
White 4000K
lm LED 1278 ≠ lm OUTPUT 896



@ 4000K

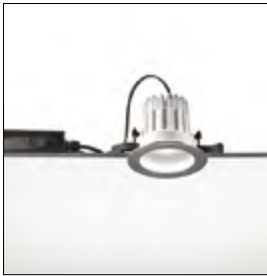


Dimmable on request

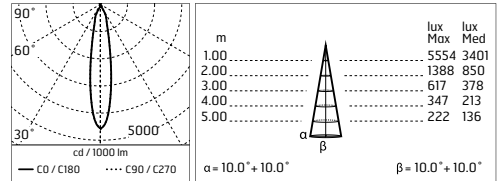


Leila135 - Stainless Steel Frame - 20°

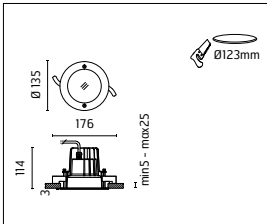
Light Source: CoB LED / 12W / Total power 16W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



- 536114**
536114-300 Dimmable Dali
536114-310 Dimmable 1-10
White 2700K
lm LED 1622 lm OUTPUT 1072
- 536014**
536014-300 Dimmable Dali
536014-310 Dimmable 1-10
White 3000K
lm LED 1744 ≠ lm OUTPUT 1153
- 536013**
536013-300 Dimmable Dali
536013-310 Dimmable 1-10
White 4000K
lm LED 1829 ≠ lm OUTPUT 1210



@ 4000K

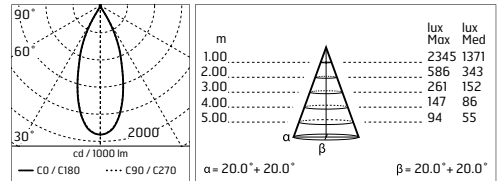


Leila135 - Stainless Steel Frame - 40°

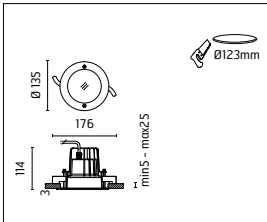
Light Source: CoB LED / 12W / Total power 16W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



- 536116**
536116-300 Dimmable Dali
536116-310 Dimmable 1-10
White 2700K
lm LED 1622 lm OUTPUT 1093
- 536016**
536016-300 Dimmable Dali
536016-310 Dimmable 1-10
White 3000K
lm LED 1744 ≠ lm OUTPUT 1175
- 536015**
536015-300 Dimmable Dali
536015-310 Dimmable 1-10
White 4000K
lm LED 1829 ≠ lm OUTPUT 1232



@ 4000K



Leila135 - Stainless Steel Frame - Asymmetric Optic 12° - 20°

Light Source: CoB LED / 12W / Total power 16W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



inox only



536118

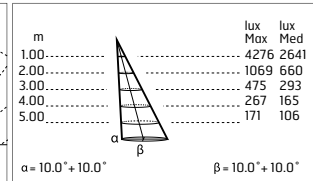
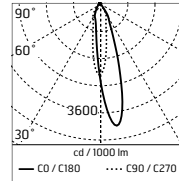
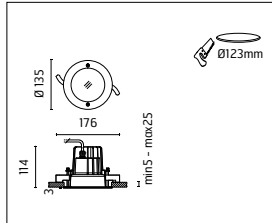
536118-300 Dimmable Dali
536118-310 Dimmable 1-10
 White 2700K
 Im LED 1535 Im OUTPUT 908

536018

536018-300 Dimmable Dali
536018-310 Dimmable 1-10
 White 3000K
 Im LED 1650 ≠ Im OUTPUT 976

536017

536017-300 Dimmable Dali
536017-310 Dimmable 1-10
 White 4000K
 Im LED 1716 ≠ Im OUTPUT 1015



@ 4000K

IP66

Leila135 - Stainless Steel Frame - Asymmetric Optic 12° - 45°

Light Source: CoB LED / 14W / Total power 16W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



inox only



536120

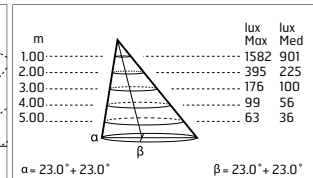
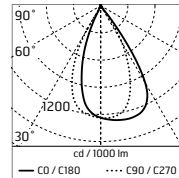
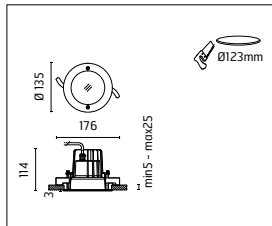
536120-300 Dimmable Dali
536120-310 Dimmable 1-10
 White 2700K
 Im LED 1535 Im OUTPUT 1126

536020

536020-300 Dimmable Dali
536020-310 Dimmable 1-10
 White 3000K
 Im LED 1650 ≠ Im OUTPUT 1211

536019

536019-300 Dimmable Dali
536019-310 Dimmable 1-10
 White 4000K
 Im LED 1716 ≠ Im OUTPUT 1259



@ 4000K

IP66

Leila135 - Painted Frame - 20°

Light Source: CoB LED / 12W / Total power 16W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



white only



536122

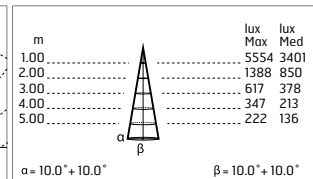
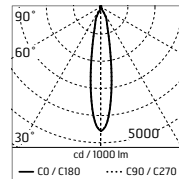
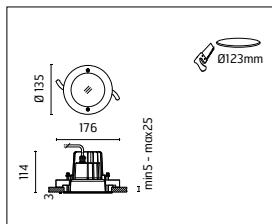
536122-300 Dimmable Dali
536122-310 Dimmable 1-10
 White 2700K
 Im LED 1622 ≠ Im OUTPUT 1072

536022

536022-300 Dimmable Dali
536022-310 Dimmable 1-10
 White 3000K
 Im LED 1744 ≠ Im OUTPUT 1153

536021

536021-300 Dimmable Dali
536021-310 Dimmable 1-10
 White 4000K
 Im LED 1829 ≠ Im OUTPUT 1210



@ 4000K

IP66

Leila135 - Painted Frame - 40°

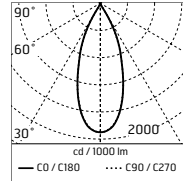
Light Source: CoB LED / 12W / Total power 16W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



536124
536124-300 Dimmable Dali
536124-310 Dimmable 1-10
 White 2700K
 lm LED 1622 ≠ lm OUTPUT 1093

536024
536024-300 Dimmable Dali
536024-310 Dimmable 1-10
 White 3000K
 lm LED 1744 ≠ lm OUTPUT 1175

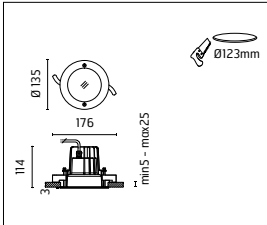
536023
536023-300 Dimmable Dali
536023-310 Dimmable 1-10
 White 4000K
 lm LED 1829 ≠ lm OUTPUT 1232



m	lux	
	Max	Med
1.00	2345	1371
2.00	586	343
3.00	261	152
4.00	147	86
5.00	94	55

$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$

@ 4000K



IP66

Leila135 - Painted Frame - Asymmetric Optic 12° - 20°

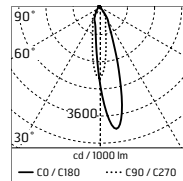
Light Source: CoB LED / 14W / Total power 16W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



536126
536126-300 Dimmable Dali
536126-310 Dimmable 1-10
 White 2700K
 lm LED 1535 ≠ lm OUTPUT 908

536026
536026-300 Dimmable Dali
536026-310 Dimmable 1-10
 White 3000K
 lm LED 1650 ≠ lm OUTPUT 976

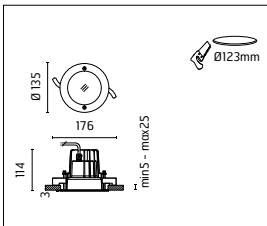
536025
536025-300 Dimmable Dali
536025-310 Dimmable 1-10
 White 4000K
 lm LED 1716 ≠ lm OUTPUT 1015



m	lux	
	Max	Med
1.00	4276	2641
2.00	1069	660
3.00	475	293
4.00	267	165
5.00	171	106

$\alpha = 10.0^\circ + 10.0^\circ$ $\beta = 10.0^\circ + 10.0^\circ$

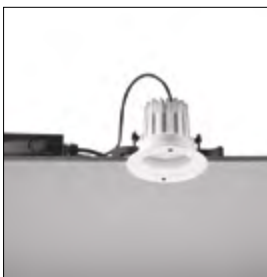
@ 4000K



IP66

Leila135 - Painted Frame - Asymmetric Optic 12° - 45°

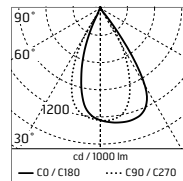
Light Source: CoB LED / 12W / Total power 16W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



536128
536128-300 Dimmable Dali
536128-310 Dimmable 1-10
 White 2700K
 lm LED 1535 ≠ lm OUTPUT 1126

536028
536028-300 Dimmable Dali
536028-310 Dimmable 1-10
 White 3000K
 lm LED 1650 ≠ lm OUTPUT 1211

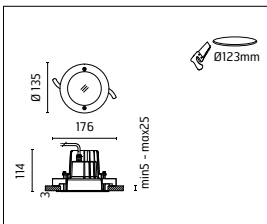
536027
536027-300 Dimmable Dali
536027-310 Dimmable 1-10
 White 4000K
 lm LED 1716 ≠ lm OUTPUT 1259



m	lux	
	Max	Med
1.00	1582	901
2.00	395	225
3.00	176	100
4.00	99	56
5.00	63	36

$\alpha = 23.0^\circ + 23.0^\circ$ $\beta = 23.0^\circ + 23.0^\circ$

@ 4000K



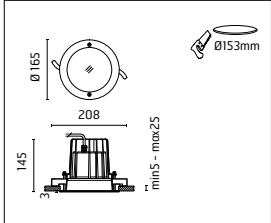
IP66

Leila165 - Stainless Steel Frame - 20°

Light Source: CoB LED / 26W / Total power 30W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



inox only



536130

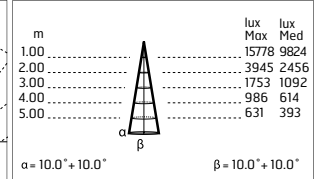
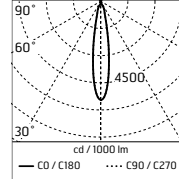
536130-300 Dimmable Dali
536130-310 Dimmable 1-10
 White 2700K
 lm LED 3022 ≠ lm OUTPUT 2566

536030

536030-300 Dimmable Dali
536030-310 Dimmable 1-10
 White 3000K
 lm LED 3249 ≠ lm OUTPUT 2759

536029

536029-300 Dimmable Dali
536029-310 Dimmable 1-10
 White 4000K
 lm LED 3408 ≠ lm OUTPUT 2894



@ 4000K

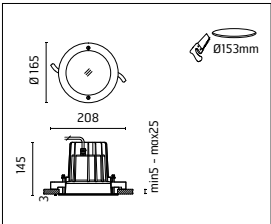
IP66

Leila165 - Stainless Steel Frame - 45°

Light Source: CoB LED / 26W / Total power 30W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



inox only



536132

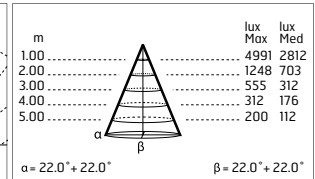
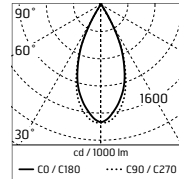
536132-300 Dimmable Dali
536132-310 Dimmable 1-10
 White 2700K
 lm LED 3022 ≠ lm OUTPUT 2509

536032

536032-300 Dimmable Dali
536032-310 Dimmable 1-10
 White 3000K
 lm LED 3249 ≠ lm OUTPUT 2698

536031

536031-300 Dimmable Dali
536031-310 Dimmable 1-10
 White 4000K
 lm LED 3408 ≠ lm OUTPUT 2830



@ 4000K

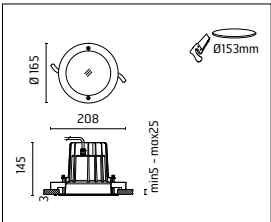
IP66

Leila165 - Stainless Steel Frame - Asymmetric Optic 12° - 30°

Light Source: CoB LED / 26W / Total power 30W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



inox only



536134

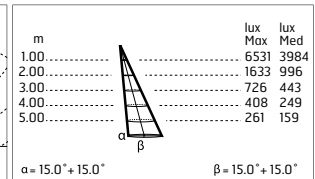
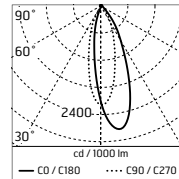
536134-300 Dimmable Dali
536134-310 Dimmable 1-10
 White 2700K
 lm LED 3022 ≠ lm OUTPUT 2096

536034

536034-300 Dimmable Dali
536034-310 Dimmable 1-10
 White 3000K
 lm LED 3249 ≠ lm OUTPUT 2254

536033

536033-300 Dimmable Dali
536033-310 Dimmable 1-10
 White 4000K
 lm LED 3408 ≠ lm OUTPUT 2364

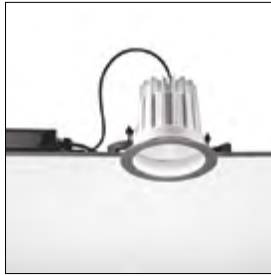


@ 4000K

IP66

Leila165 - Stainless Steel Frame - Asymmetric Optic 12° - 40°

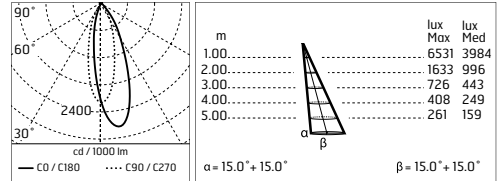
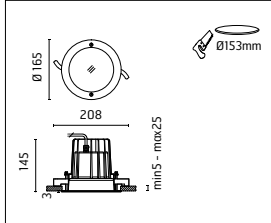
Light Source: CoB LED / 26W / Total power 30W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



536136
536136-300 Dimmable Dali
536136-310 Dimmable 1-10
 White 2700K
 lm LED 3022 ≠ lm OUTPUT 2007

536036
536036-300 Dimmable Dali
536036-310 Dimmable 1-10
 White 3000K
 lm LED 3249 ≠ lm OUTPUT 2158

536035
536035-300 Dimmable Dali
536035-310 Dimmable 1-10
 White 4000K
 lm LED 3408 ≠ lm OUTPUT 2263



@ 4000K

IP66

Leila165 - Painted Frame - 20°

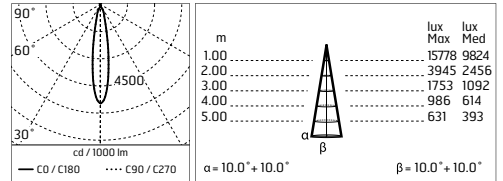
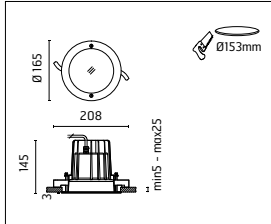
Light Source: CoB LED / 26W / Total power 30W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



536138
536138-300 Dimmable Dali
536138-310 Dimmable 1-10
 White 2700K
 lm LED 3022 ≠ lm OUTPUT 2566

536038
536038-300 Dimmable Dali
536038-310 Dimmable 1-10
 White 3000K
 lm LED 3249 ≠ lm OUTPUT 2759

536037
536037-300 Dimmable Dali
536037-310 Dimmable 1-10
 White 4000K
 lm LED 3408 ≠ lm OUTPUT 2894

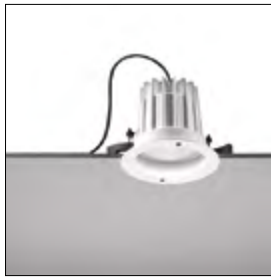


@ 4000K

IP66

Leila165 - Painted Frame - 45°

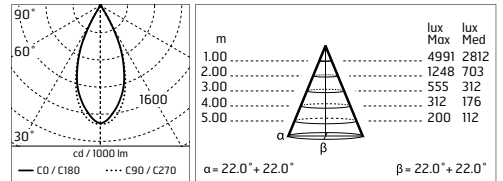
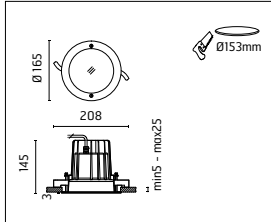
Light Source: CoB LED / 26W / Total power 30W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



536140
536140-300 Dimmable Dali
536140-310 Dimmable 1-10
 White 2700K
 lm LED 3022 ≠ lm OUTPUT 2509

536040
536040-300 Dimmable Dali
536040-310 Dimmable 1-10
 White 3000K
 lm LED 3249 ≠ lm OUTPUT 2698

536039
536039-300 Dimmable Dali
536039-310 Dimmable 1-10
 White 4000K
 lm LED 3408 ≠ lm OUTPUT 2830



@ 4000K

IP66

Leila165 - Painted Frame - Asymmetric Optic 12° - 30°

Light Source: CoB LED / 26W / Total power 30W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



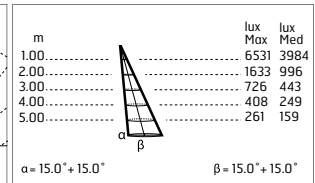
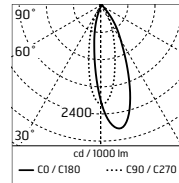
white only



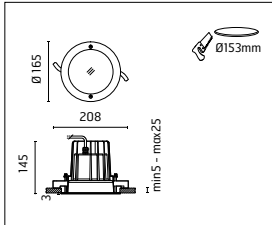
536142
536142-300 Dimmable Dali
536142-310 Dimmable 1-10
 White 2700K
 lm LED 3022 ≠ lm OUTPUT 2096

536042
536042-300 Dimmable Dali
536042-310 Dimmable 1-10
 White 3000K
 lm LED 3249 ≠ lm OUTPUT 2254

536041
536041-300 Dimmable Dali
536041-310 Dimmable 1-10
 White 4000K
 lm LED 3408 ≠ lm OUTPUT 2364



@ 4000K



IP66

Leila165 - Painted Frame - Asymmetric Optic 12° - 40°

Light Source: CoB LED / 26W / Total power 30W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



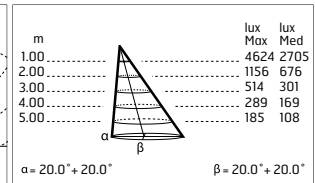
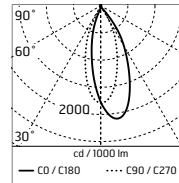
white only



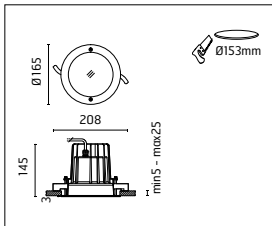
536144
536144-300 Dimmable Dali
536144-310 Dimmable 1-10
 White 2700K
 lm LED 3022 ≠ lm OUTPUT 2007

536044
536044-300 Dimmable Dali
536044-310 Dimmable 1-10
 White 3000K
 lm LED 3249 ≠ lm OUTPUT 2158

536043
536043-300 Dimmable Dali
536043-310 Dimmable 1-10
 White 4000K
 lm LED 3408 ≠ lm OUTPUT 2263



@ 4000K



IP66

Leila225 - Stainless Steel Frame - 45°

Light Source: CoB LED / 38W / Total power 43W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



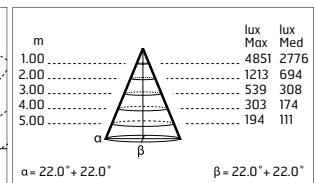
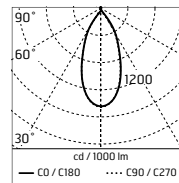
inox only



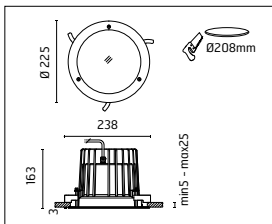
536148
536148-300 Dimmable Dali
536148-310 Dimmable 1-10
 White 2700K
 lm LED 4665 ≠ lm OUTPUT 3076

536048
536048-300 Dimmable Dali
536048-310 Dimmable 1-10
 White 3000K
 lm LED 5016 ≠ lm OUTPUT 3308

536047
536047-300 Dimmable Dali
536047-310 Dimmable 1-10
 White 4000K
 lm LED 5143 ≠ lm OUTPUT 3392



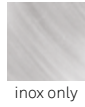
@ 4000K



IP66

Leila225 - Stainless Steel Frame - Asymmetric Optic 12° - 20°

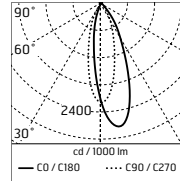
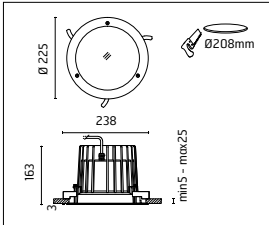
Light Source: CoB LED / 38W / Total power 43W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



536150
536150-300 Dimmable Dali
536150-310 Dimmable 1-10
 White 2700K
 lm LED 4665 ≠ lm OUTPUT 3028

536050
536050-300 Dimmable Dali
536050-310 Dimmable 1-10
 White 3000K
 lm LED 5016 ≠ lm OUTPUT 3256

536049
536049-300 Dimmable Dali
536049-310 Dimmable 1-10
 White 4000K
 lm LED 5143 ≠ lm OUTPUT 3338



m	lux	
	Max	Med
1.00	6531	3984
2.00	1633	996
3.00	726	443
4.00	408	249
5.00	261	159

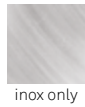
$\alpha = 15.0^\circ + 15.0^\circ$ $\beta = 15.0^\circ + 15.0^\circ$

@ 4000K

IP66

Leila225 - Stainless Steel Frame - Asymmetric Optic 12° - 40°

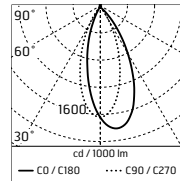
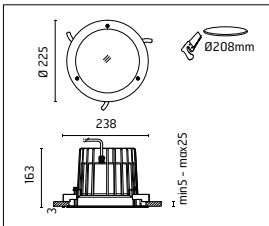
Light Source: CoB LED / 38W / Total power 43W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



536152
536152-300 Dimmable Dali
536152-310 Dimmable 1-10
 White 2700K
 lm LED 4665 ≠ lm OUTPUT 2990

536052
536052-300 Dimmable Dali
536052-310 Dimmable 1-10
 White 3000K
 lm LED 5016 ≠ lm OUTPUT 3215

536051
536051-300 Dimmable Dali
536051-310 Dimmable 1-10
 White 4000K
 lm LED 5143 ≠ lm OUTPUT 3297



m	lux	
	Max	Med
1.00	5899	3353
2.00	1475	838
3.00	655	373
4.00	369	210
5.00	236	134

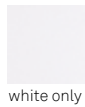
$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$

@ 4000K

IP66

Leila225 - Painted Frame - 45°

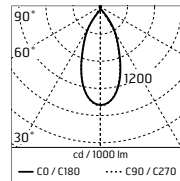
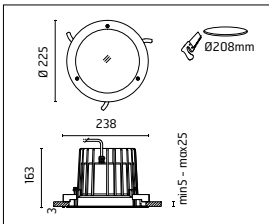
Light Source: CoB LED / 38W / Total power 43W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



536156
536156-300 Dimmable Dali
536156-310 Dimmable 1-10
 White 2700K
 lm LED 4665 ≠ lm OUTPUT 3076

536056
536056-300 Dimmable Dali
536056-310 Dimmable 1-10
 White 3000K
 lm LED 5016 ≠ lm OUTPUT 3308

536055
536055-300 Dimmable Dali
536055-310 Dimmable 1-10
 White 4000K
 lm LED 5143 ≠ lm OUTPUT 3392



m	lux	
	Max	Med
1.00	4851	2776
2.00	1213	694
3.00	539	308
4.00	303	174
5.00	194	111

$\alpha = 22.0^\circ + 22.0^\circ$ $\beta = 22.0^\circ + 22.0^\circ$

@ 4000K

IP66

Leila225 - Painted Frame - Asymmetric Optic 12° - 20°

Light Source: CoB LED / 38W / Total power 43W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



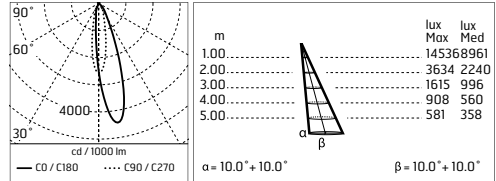
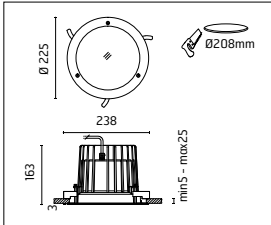
white only



536158
536158-300 Dimmable Dali
536158-310 Dimmable 1-10
 White 2700K
 lm LED 4665 ≠ lm OUTPUT 3028

536058
536058-300 Dimmable Dali
536058-310 Dimmable 1-10
 White 3000K
 lm LED 5016 ≠ lm OUTPUT 3256

536057
536057-300 Dimmable Dali
536057-310 Dimmable 1-10
 White 4000K
 lm LED 5143 ≠ lm OUTPUT 3338



@ 4000K

IP66

Leila225 - Painted Frame - Asymmetric Optic 12° - 40°

Light Source: CoB LED / 38W / Total power 43W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



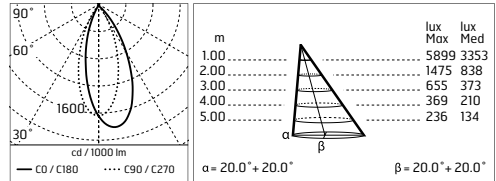
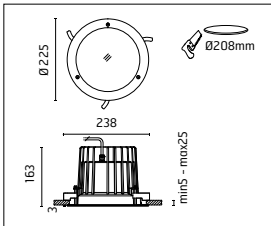
white only



536160
536160-300 Dimmable Dali
536160-310 Dimmable 1-10
 White 2700K
 lm LED 4665 ≠ lm OUTPUT 2990

536060
536060-300 Dimmable Dali
536060-310 Dimmable 1-10
 White 3000K
 lm LED 5016 ≠ lm OUTPUT 3215

536059
536059-300 Dimmable Dali
536059-310 Dimmable 1-10
 White 4000K
 lm LED 5143 ≠ lm OUTPUT 3292



@ 4000K

IP66

Leila135 - Stainless Steel Frame - 30° - Direct 230V

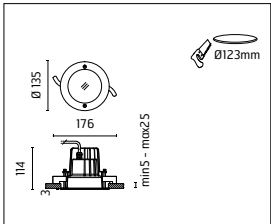
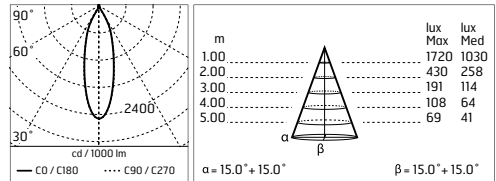
Light Source: CoB LED / 10W / Total power 12W / CRI>80 / 220÷230V / LED module set up to work directly connected to the mains



inox only



536061
 White 3000K
 lm LED 951 ≠ lm OUTPUT 687



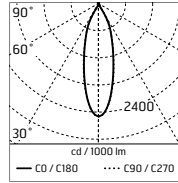
IP66

Leila135 - Painted Frame - 30° - Direct 230V

Light Source: CoB LED / 10W / Total power 12W / CRI>80 / 220÷230V / LED module set up to work directly connected to the mains

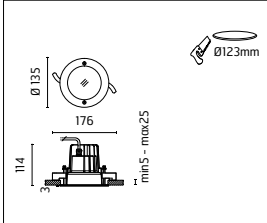


536062
White 3000K
lm LED 951 ≠ lm OUTPUT 687



m	lux	
	Max	Med
1.00	1720	1030
2.00	430	258
3.00	191	114
4.00	108	64
5.00	69	41

$\alpha = 15.0^\circ + 15.0^\circ$ $\beta = 15.0^\circ + 15.0^\circ$



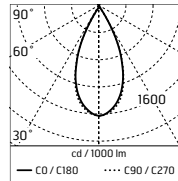
IP66

Leila165 - Stainless Steel Frame - 50° - Direct 230V

Light Source: CoB LED / 22W / Total power 24W / CRI>80 / 220÷230V / LED module set up to work directly connected to the mains

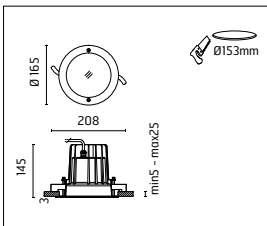


536063
White 3000K
lm LED 2303 ≠ lm OUTPUT 1646



m	lux	
	Max	Med
1.00	2680	1527
2.00	670	382
3.00	298	170
4.00	167	95
5.00	107	61

$\alpha = 24.0^\circ + 24.0^\circ$ $\beta = 24.0^\circ + 24.0^\circ$



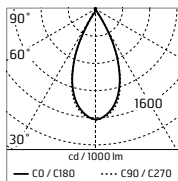
IP66

Leila165 - Painted Frame - 50° - Direct 230V

Light Source: CoB LED / 22W / Total power 24W / CRI>80 / 220÷230V / LED module set up to work directly connected to the mains

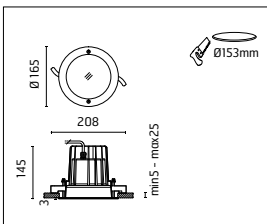


536064
White 3000K
lm LED 2303 ≠ lm OUTPUT 1646



m	lux	
	Max	Med
1.00	2680	1527
2.00	670	382
3.00	298	170
4.00	167	95
5.00	107	61

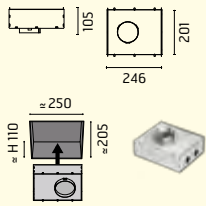
$\alpha = 24.0^\circ + 24.0^\circ$ $\beta = 24.0^\circ + 24.0^\circ$



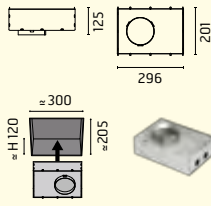
IP66

Accessories: Leila

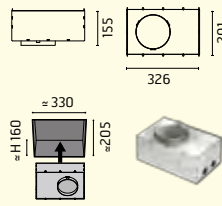
196
METAL INSTALLATION BOX FOR
CONCRETE CEILING 246 x 201 H
105mm



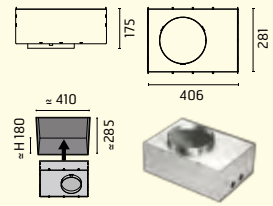
197
METAL INSTALLATION BOX FOR
CONCRETE CEILING 296 x 201 H
125mm



198
METAL INSTALLATION BOX FOR
CONCRETE CEILING 326 x 201 H
155mm



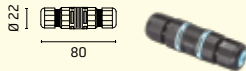
199
METAL INSTALLATION BOX FOR
CONCRETE CEILING 406 x 281 H
175mm



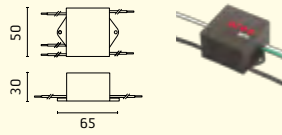
215
3/4 WAY TERMINAL BLOCK 4 POLES
IP68 H₂O STOP (Ø5,5±12mm CABLE)



236
2 WAY TERMINAL BLOCK 4 POLES
IP68 H₂O STOP (Ø5,5±12mm CABLE)



237
SPD: (SURGE PROTECTION DEVICE)
275Vac
MAXIMUM DISCHARGE CURRENT
10KA (8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNEC-
TION - IP66



Accessories: Leila

acc. code ▶ prod. code ▼	dimmi DALI	dimmi 1-10	196	197	198	199	215	236	237
536002			•				•	•	•
536003			•				•	•	•
536005			•				•	•	•
536006			•				•	•	•
536008			•				•	•	•
536009			•				•	•	•
536011			•				•	•	•
536012			•				•	•	•
536013	-300	-310		•			•	•	•
536014	-300	-310		•			•	•	•
536015	-300	-310		•			•	•	•
536016	-300	-310		•			•	•	•
536017	-300	-310		•			•	•	•
536018	-300	-310		•			•	•	•
536019	-300	-310		•			•	•	•
536020	-300	-310		•			•	•	•
536021	-300	-310		•			•	•	•
536022	-300	-310		•			•	•	•
536023	-300	-310		•			•	•	•
536024	-300	-310		•			•	•	•
536025	-300	-310		•			•	•	•
536026	-300	-310		•			•	•	•
536027	-300	-310		•			•	•	•
536028	-300	-310		•			•	•	•
536029	-300	-310			•		•	•	•
536030	-300	-310			•		•	•	•
536031	-300	-310			•		•	•	•
536032	-300	-310			•		•	•	•
536033	-300	-310			•		•	•	•
536034	-300	-310			•		•	•	•
536035	-300	-310			•		•	•	•
536036	-300	-310			•		•	•	•
536037	-300	-310			•		•	•	•
536038	-300	-310			•		•	•	•
536039	-300	-310			•		•	•	•
536040	-300	-310			•		•	•	•
536041	-300	-310			•		•	•	•
536042	-300	-310			•		•	•	•
536043	-300	-310			•		•	•	•
536044	-300	-310			•		•	•	•
536047	-300	-310				•	•	•	•

acc. code ▶ prod. code ▼	dimmi DALI	dimmi 1-10	196	197	198	199	215	236	237
536048	-300	-310					•	•	•
536049	-300	-310					•	•	•
536050	-300	-310					•	•	•
536051	-300	-310					•	•	•
536052	-300	-310					•	•	•
536055	-300	-310					•	•	•
536056	-300	-310					•	•	•
536057	-300	-310					•	•	•
536058	-300	-310					•	•	•
536059	-300	-310					•	•	•
536060	-300	-310					•	•	•
536061				•			•	•	•
536062				•			•	•	•
536063					•		•	•	•
536064					•		•	•	•
536103			•				•	•	•
536106			•				•	•	•
536109			•				•	•	•
536112			•				•	•	•
536114	-300	-310		•			•	•	•
536116	-300	-310		•			•	•	•
536118	-300	-310		•			•	•	•
536120	-300	-310		•			•	•	•
536122	-300	-310		•			•	•	•
536124	-300	-310		•			•	•	•
536126	-300	-310		•			•	•	•
536128	-300	-310		•			•	•	•
536130	-300	-310			•		•	•	•
536132	-300	-310			•		•	•	•
536134	-300	-310			•		•	•	•
536136	-300	-310			•		•	•	•
536138	-300	-310			•		•	•	•
536140	-300	-310			•		•	•	•
536142	-300	-310			•		•	•	•
536144	-300	-310			•		•	•	•
536148	-300	-310				•	•	•	•
536150	-300	-310				•	•	•	•
536152	-300	-310				•	•	•	•
536156	-300	-310				•	•	•	•
536158	-300	-310				•	•	•	•
536160	-300	-310				•	•	•	•

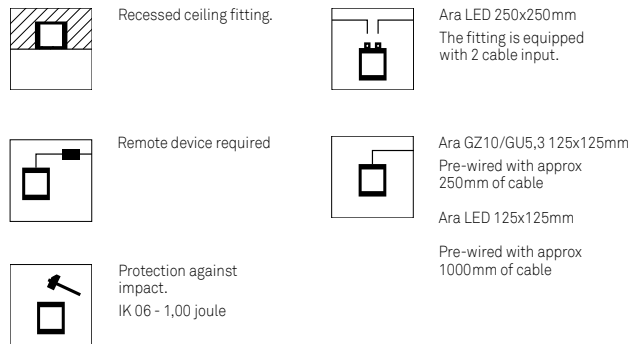
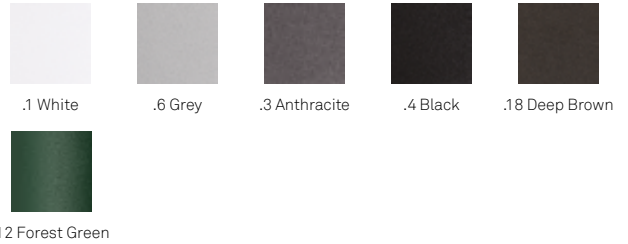


- Square luminaire for installation in the ceiling – recessed.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Glass diffuser: transparent or sandblasted fixed to the frame through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: mains: I, low voltage: III, LED module: I,II
- Installation: Ara GZ10/GU5,3 125x125: pre-wired with approx. 250mm cable. Ara LED 125x125: prewired with approx. 1000mm cable. Ara LED 250x250: equipped with two M16 plastic cable glands. The luminaire is ready for installation on false-ceiling (up to 30mm thick surfaces). Installation on solid ceiling requires a dedicated metal box to be ordered separately. Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland / connector.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating.
Damages on the coating exposed to outdoor conditions or water, could cause corrosion.
Chemical substances affect the anticorrosion covering protection.

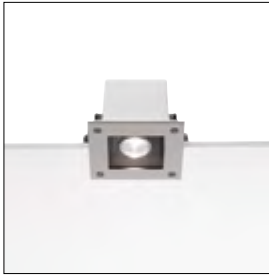
EU Regulation 874/2012 - Illumination equipment energy classes

A++
A+
A

LED VERSION:
Class A/A+/A++
Luminaire supplied with integrated LED modules that cannot be replaced



Ara 125x125 mm - Transparent Glass - Adjustable Optic

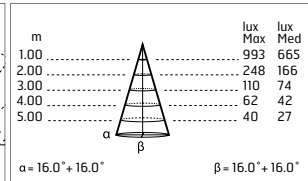
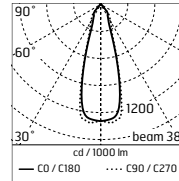
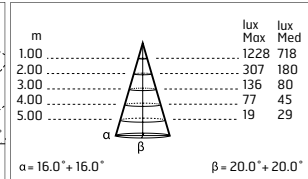
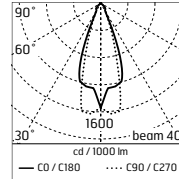
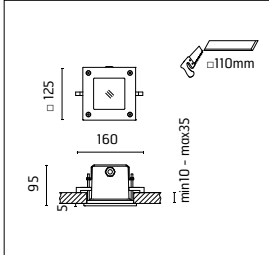


1032823
QPAR CBC 51 50W/230V GZ10
Lamp max size: Ø50 mm H.55 mm



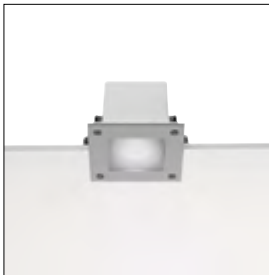
1033323
QR CBC 51 50W/12V GU5,3
Lamp max size: Ø50 mm H.45 mm

Remote transformer to be ordered



IP65

Ara 125x125 mm - Sandblasted Glass - Adjustable Optic

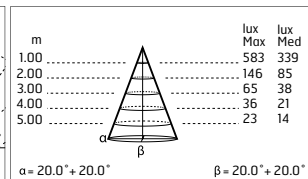
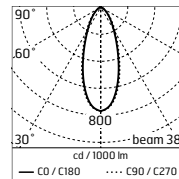
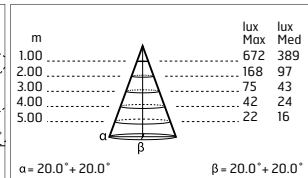
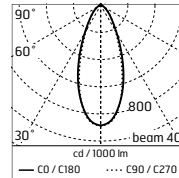
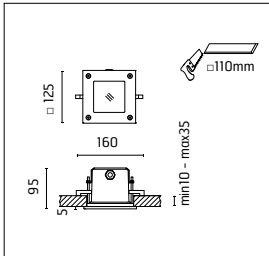


10328134
QPAR CBC 51 50W/230V GZ10
Lamp max size: Ø50 mm H.55 mm



10333134
QR CBC 51 50W/12V GU5,3
Lamp max size: Ø50 mm H.45 mm

Remote transformer to be ordered



IP65

Ara 125x125 mm - Transparent Glass - 15°

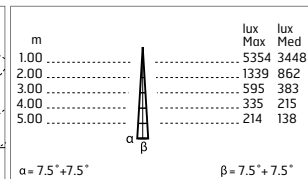
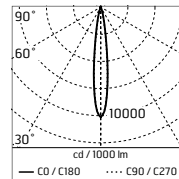
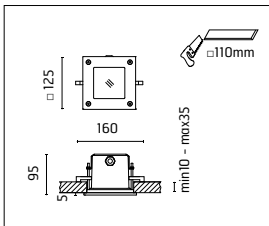
Light Source: Power LED / 4,4W / Total power 6W / CRI>80 / 100÷240V / Integral electronic power supply



1039242.A
White 2700K
lm LED 521 ≈ lm OUTPUT 455

1039212.A
White 3000K
lm LED 560 ≈ lm OUTPUT 489

10321712.A
White 4000K
lm LED 580 ≈ lm OUTPUT 523



@ 4000K

IP65

Ara 125x125mm - Transparent Glass - 50°

Light Source: Power LED / 4,4W / Total power 6W / CRI>80 / 100÷240V / Integral electronic power supply

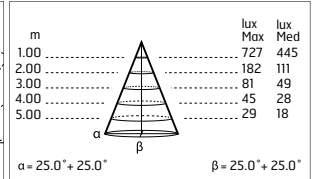
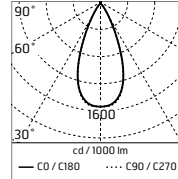


1039243.A
White 2700K
lm LED 521 ≠ lm OUTPUT 410

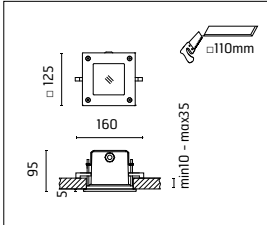


1039223.A
White 3000K
lm LED 560 ≠ lm OUTPUT 441

10321723.A
White 4000K
lm LED 580 ≠ lm OUTPUT 472



@ 4000K



IP65

Ara 125x125mm - Sandblasted Glass

Light Source: Power LED / 4,4W / Total power 6W / CRI>80 / 100÷240V / Integral electronic power supply

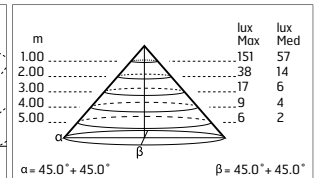
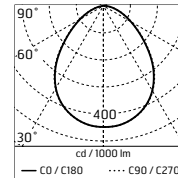


10392144.A
White 2700K
lm LED 521 ≠ lm OUTPUT 288

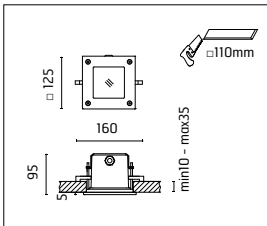


10392134.A
White 3000K
lm LED 560 ≠ lm OUTPUT 310

103217134.A
White 4000K
lm LED 580 ≠ lm OUTPUT 332



@ 4000K



IP65

Ara 250x250 mm - All Light - Transparent Glass - 15°

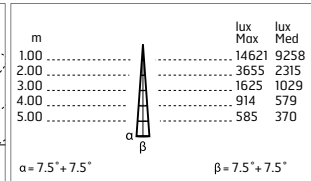
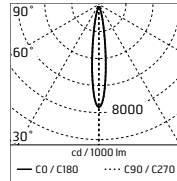
Light Source: Power LED / 17W / Total power 20W / CRI>80 / 220÷240V / Integral electronic power supply



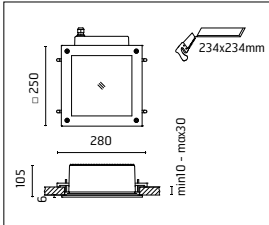
10310142.A
White 2700K
lm LED 2082 ≠ lm OUTPUT 1731

10310112.A
White 3000K
lm LED 2239 ≠ lm OUTPUT 1861

10322412.A
White 4000K
lm LED 2319 ≠ lm OUTPUT 1927



@ 4000K



Dimmable on request

IP65

Ara 250x250 mm - All Light - Transparent Glass - 45°

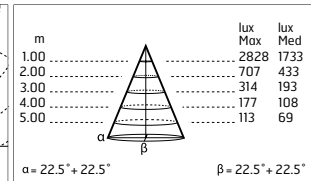
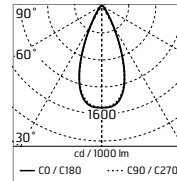
Light Source: Power LED / 17W / Total power 20W / CRI>80 / 220÷240V / Integral electronic power supply



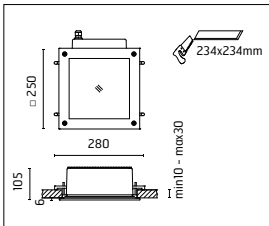
10310143.A
White 2700K
lm LED 2082 ≠ lm OUTPUT 1649

10310123.A
White 3000K
lm LED 2239 ≠ lm OUTPUT 1773

10322423.A
White 4000K
lm LED 2319 ≠ lm OUTPUT 1836



@ 4000K



Dimmable on request

IP65

Ara 250x250 mm - All Light - Sandblasted Glass

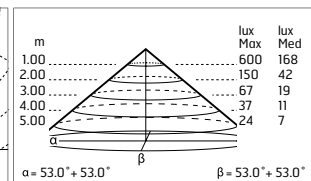
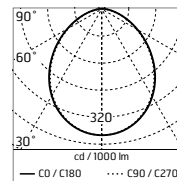
Light Source: Power LED / 17W / Total power 20W / CRI>80 / 220÷240V / Integral electronic power supply



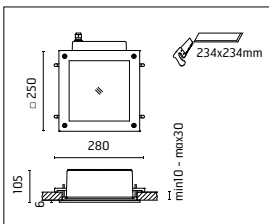
103101145.A
White 2700K
lm LED 2082 ≠ lm OUTPUT 1415

103101135.A
White 3000K
lm LED 2239 ≠ lm OUTPUT 1522

103224135.A
White 4000K
lm LED 2319 ≠ lm OUTPUT 1577



@ 4000K



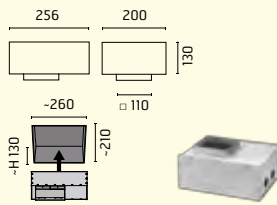
Dimmable on request

IP65

Accessories: Ara

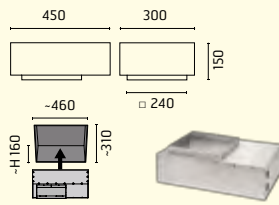
107

METAL BOX FOR INSTALLATION
IN CONCRETE CEILING 256x200xH130mm



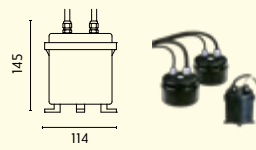
108

METAL BOX FOR INSTALLATION
IN CONCRETE CEILING 450x300xH150mm



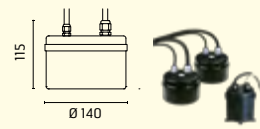
16

TRANSFORMER 50W
230V/12V 50Hz IP 66



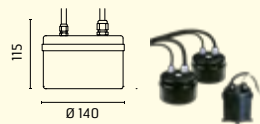
17

TRANSFORMER 200W
230V/12V 50Hz IP 66



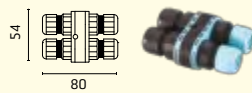
18

TRANSFORMER 300W
230V/12V 50Hz IP 66



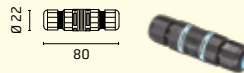
215

3/4 WAY TERMINAL BLOCK 4 POLES
IP68 H₂O STOP (Ø5,5÷12mm CABLE)



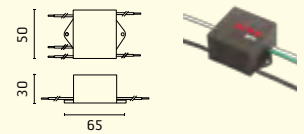
236

2 WAY TERMINAL BLOCK 4 POLES
IP68 H₂O STOP (Ø5,5÷12mm CABLE)



237

SPD: (SURGE PROTECTION DEVICE)
275Vac
MAXIMUM DISCHARGE CURRENT 10kA
(8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNECTION
- IP66



acc. code ▶	107	108	16	17	18	215	236	237
1032823	•					•	•	
1033323	•		•	•	•	•	•	
1039242.A	•					•	•	•
1039243.A	•					•	•	•
10310142.A		•				•	•	•
10310143.A		•				•	•	•
10328134	•					•	•	
10333134	•		•	•	•	•	•	
10392144.A	•					•	•	•
103101145.A		•				•	•	•
10310112.A		•				•	•	•
103101135.A		•				•	•	•
10310123.A		•				•	•	•
10321712.A	•					•	•	•
103217134.A	•					•	•	•
10321723.A	•					•	•	•
10322412.A		•				•	•	•
103224135.A		•				•	•	•
10322423.A		•				•	•	•
1039212.A	•					•	•	•
10392134.A	•					•	•	•
1039223.A	•					•	•	•

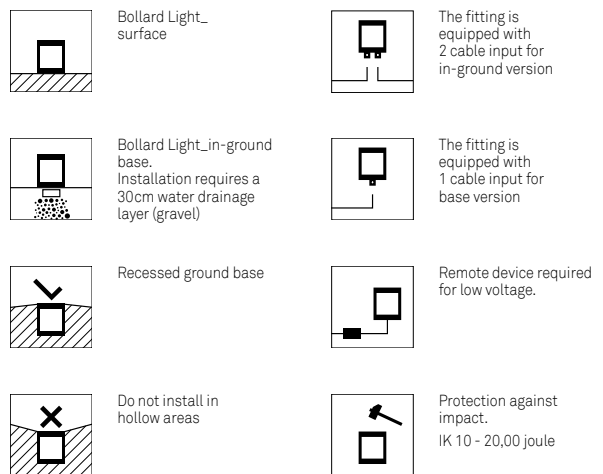
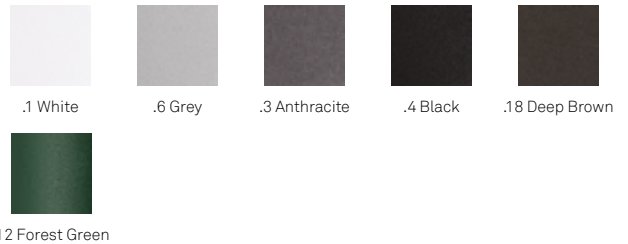


- Bollard light.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Extruded aluminium stem. Plastic diffuser: sandblasted
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65 (with base) or IP67 (in-ground)
- In compliance with EN 60598-1 standards
- Class of insulation: mains: I; low voltage: III
- Installation: version with base: wiring through one M16 cable gland. Direct fixation with bolts to a concrete surface or through a dedicated fixing plate in a concrete basement; version in-ground: wiring through two M16 cable glands. For a better stability, we recommend to concrete the root of the pole. Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

A++
A+
A

LED VERSION:
Class A/A+/A++
Luminaire supplied with integrated LED modules that cannot be replaced



Vincenza H. 450 mm - With Base - 360° Symmetric Emission

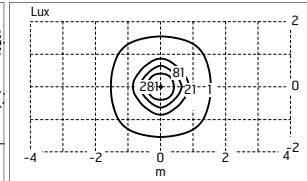
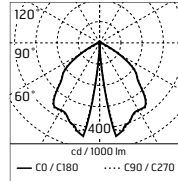
Light Source: Power LED / 6,4W / Total power 8,5W / CRI>80 / 220÷240V / Integral electronic power supply



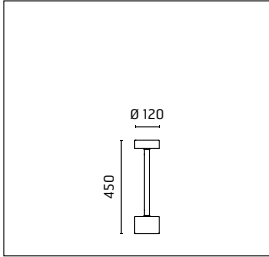
10814092
White 2700K
lm LED 670 ≈ lm OUTPUT 326

10813092
White 3000K
lm LED 720 ≈ lm OUTPUT 351

10819592
White 4000K
lm LED 780 ≈ lm OUTPUT 380



@ 4000K



IP65   

Vincenza H. 450 mm - With Base - 180° Asymmetric Emission

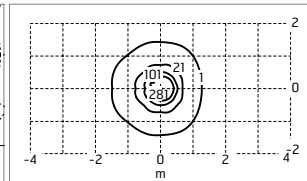
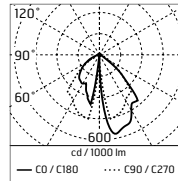
Light Source: Power LED / 6,4W / Total power 8,5W / CRI>80 / 220÷240V / Integral electronic power supply



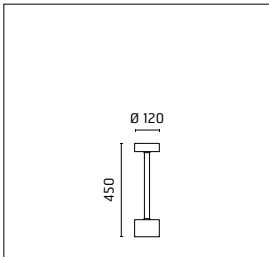
10814093
White 2700K
lm LED 670 ≈ lm OUTPUT 326

10813093
White 3000K
lm LED 720 ≈ lm OUTPUT 351

10819593
White 4000K
lm LED 780 ≈ lm OUTPUT 380



@ 4000K



IP65   

Vincenza H. 800 mm - With Base - 360° Symmetric Emission

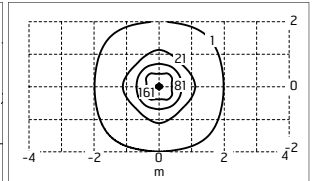
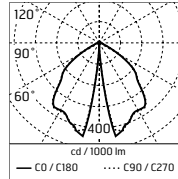
Light Source: Power LED / 6,4W / Total power 8,5W / CRI>80 / 220÷240V / Integral electronic power supply



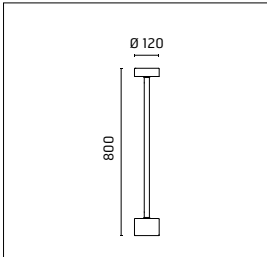
10814094
White 2700K
lm LED 670 ≠ lm OUTPUT 326

10813094
White 3000K
lm LED 720 ≠ lm OUTPUT 351

10819594
White 4000K
lm LED 780 ≠ lm OUTPUT 380



@ 4000K



IP65

Vincenza H. 800 mm - With Base - 180° Asymmetric Emission

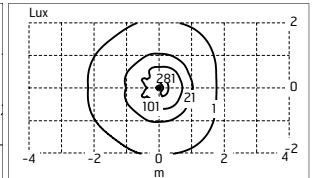
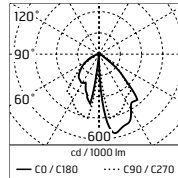
Light Source: Power LED / 6,4W / Total power 8,5W / CRI>80 / 220÷240V / Integral electronic power supply



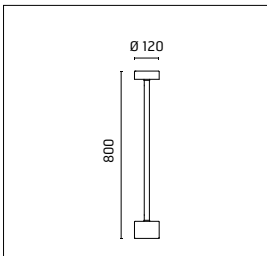
10814095
White 2700K
lm LED 670 ≠ lm OUTPUT 326

10813095
White 3000K
lm LED 720 ≠ lm OUTPUT 351

10819595
White 4000K
lm LED 780 ≠ lm OUTPUT 380



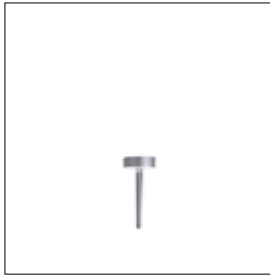
@ 4000K



IP65

Vincenza H. 200 mm - In-Ground Base - 360° Symmetric Emission

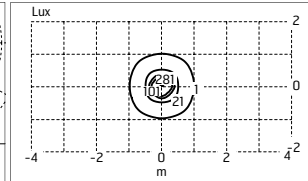
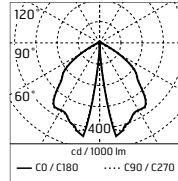
Light Source: Power LED / 6,4W / Total power 7,9W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



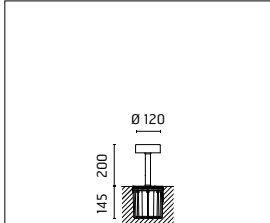
10814396
White 2700K
lm LED 670 ≈ lm OUTPUT 326

10813396
White 3000K
lm LED 720 ≈ lm OUTPUT 351

10819696
White 4000K
lm LED 780 ≈ lm OUTPUT 380



@ 4000K



IP67

Vincenza H. 370 mm - In-Ground Base - 360° Symmetric Emission

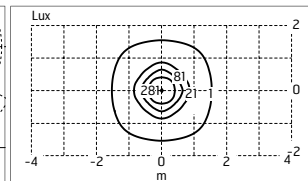
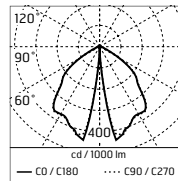
Light Source: Power LED / 6,4W / Total power 7,9W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



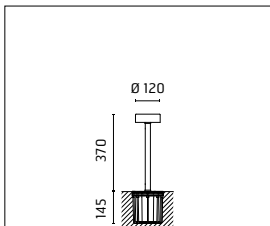
10814397
White 2700K
lm LED 670 ≈ lm OUTPUT 326

10813397
White 3000K
lm LED 720 ≈ lm OUTPUT 351

10819697
White 4000K
lm LED 780 ≈ lm OUTPUT 380



@ 4000K



IP67

Vincenza H. 370 mm - In-Ground Base - 180° Asymmetric Emission

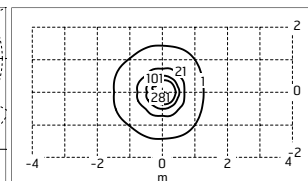
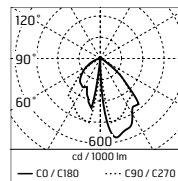
Light Source: Power LED / 6,4W / Total power 7,9W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



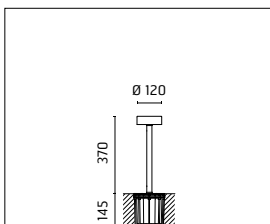
10814398
White 2700K
lm LED 670 ≈ lm OUTPUT 326

10813398
White 3000K
lm LED 720 ≈ lm OUTPUT 351

10819698
White 4000K
lm LED 780 ≈ lm OUTPUT 380



@ 4000K



IP67

Vincenza H. 720 mm - In-Ground Base - 360° Symmetric Emission

Light Source: Power LED / 6,4W / Total power 7,9W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered

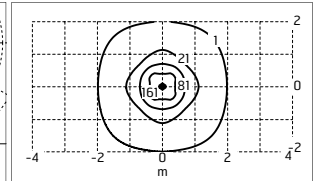
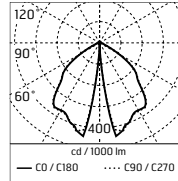


10814399
White 2700K
lm LED 670 ≠ lm OUTPUT 326

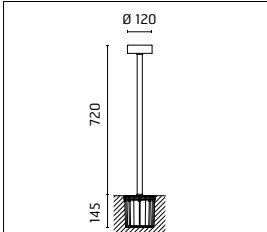


10813399
White 3000K
lm LED 720 ≠ lm OUTPUT 351

10819699
White 4000K
lm LED 780 ≠ lm OUTPUT 380



@ 4000K



IP67 CE

Vincenza H. 720 mm - In-Ground Base - 180° Asymmetric Emission

Light Source: Power LED / 6,4W / Total power 7,9W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered

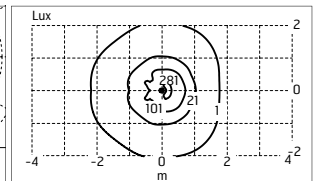
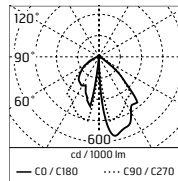


10814334
White 2700K
lm LED 670 ≠ lm OUTPUT 326

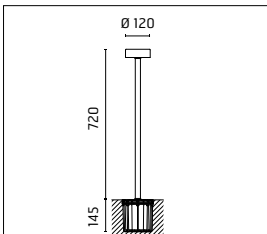


10813334
White 3000K
lm LED 720 ≠ lm OUTPUT 351

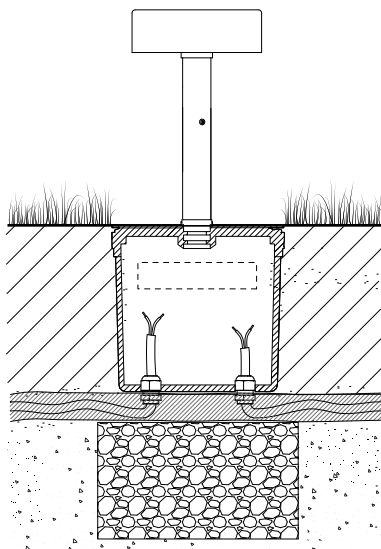
10819634
White 4000K
lm LED 780 ≠ lm OUTPUT 380



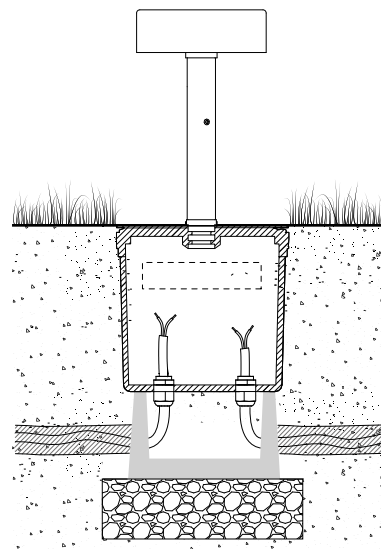
@ 4000K



IP67 CE



Cable gland mounted from the inside



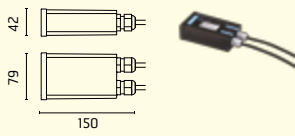
Cable gland mounted from the outside



Accessories: Vincenza

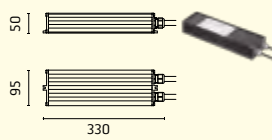
175

POWER SUPPLY 10W/110=240V -
24Vdc
IP67 CLASS II SELV.



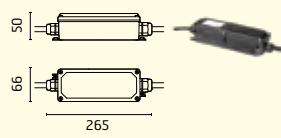
155

POWER SUPPLY 50W/120=240V -
24Vdc
IP67 CLASS II SELV.



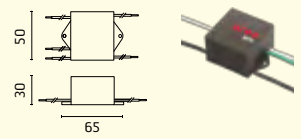
110

POWER SUPPLY 70W/220=240V -
24Vdc
IP67 CLASS II SELV EQ.



237

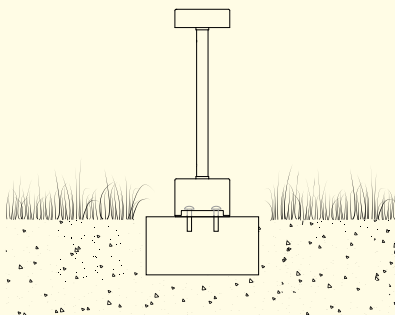
SPD: (SURGE PROTECTION DEVICE)
275Vac
MAXIMUM DISCHARGE CURRENT 10kA
(8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNECTION
- IP66



acc. code	175	155	110	237
10813092				•
10813093				•
10813094				•
10813095				•
10813334	1	4	7	
10813396	1	4	7	
10813397	1	4	7	
10813398	1	4	7	
10813399	1	4	7	
10814092				•
10814093				•
10814094				•
10814095				•
10814334	1	4	7	
10814396	1	4	7	
10814397	1	4	7	
10814398	1	4	7	
10814399	1	4	7	
10819592				•
10819593				•
10819594				•
10819595				•
10819634	1	4	7	
10819696	1	4	7	
10819697	1	4	7	
10819698	1	4	7	
10819699	1	4	7	

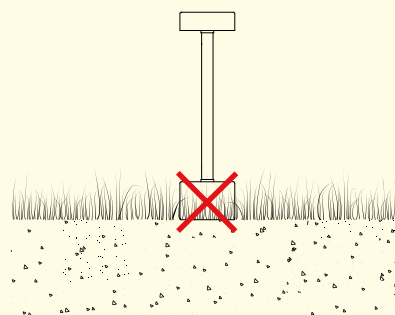
Correct Fixing Method

Bollard fixed on plint +
suitable installation screws



Incorrect Fixing Method

Do not fix the bollard directly on the ground



Max fixtures for each power supply
(Vin 220=240). Data in the chart
are provided as a guide only.
Please verify according to your
installation.

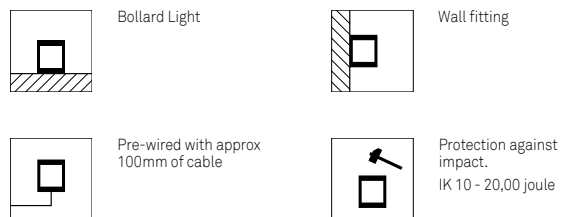
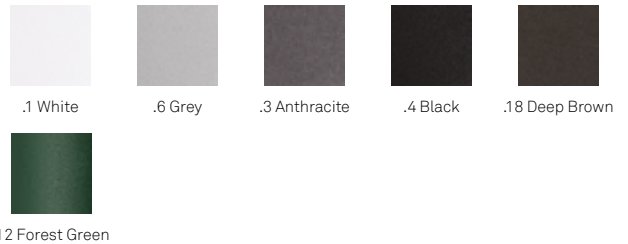


- Cylindrical bollard light.
- Configuration: die-cast aluminium cap, EN AB-47100 alloy (low copper content) and extruded aluminium pole. Polycarbonate diffuser: Transparent and UV-stabilised.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: II
- Installation: the luminaire is equipped with a piece of cable with a 2-way connector for 3-conductor cables for an easy to make connection. We recommend installation on a concrete basement or surface, directly with bolts or through a dedicated fixing plate (to be ordered separately). Outdoor use requires suitable flexible cables.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

A++
A+
A

LED VERSION:
Class A/A+/A++
Luminaire supplied with integrated LED modules that cannot be replaced



Zefiro - H.200mm - 360° Emission

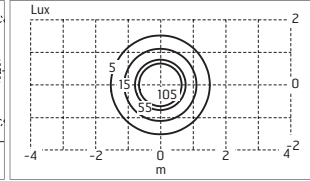
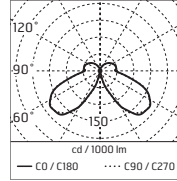
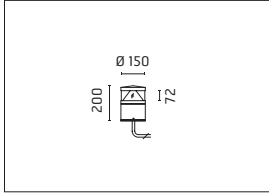
Light Source: Mid-Power LED / 12,5W / Total power 15W / CRI>80 / 220±240V / Integral electronic power supply



532014
532014-300 Dimmable Dali
532014-310 Dimmable 1-10
 White 2700K
 lm LED 1716 ≠ lm OUTPUT 1357

532003
532003-300 Dimmable Dali
532003-310 Dimmable 1-10
 White 3000K
 lm LED 1845 ≠ lm OUTPUT 1423

532002
532002-300 Dimmable Dali
532002-310 Dimmable 1-10
 White 4000K
 lm LED 1937 ≠ lm OUTPUT 1494



@4000K

IP65

Zefiro - H.600mm - 360° Emission

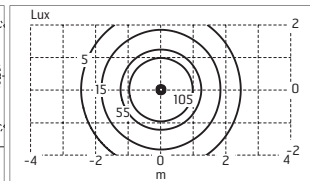
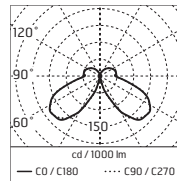
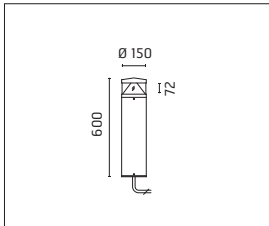
Light Source: Mid-Power LED / 12,5W / Total power 15W / CRI>80 / 220±240V / Integral electronic power supply



532017
532017-300 Dimmable Dali
532017-310 Dimmable 1-10
 White 2700K
 lm LED 1716 ≠ lm OUTPUT 1357

532006
532006-300 Dimmable Dali
532006-310 Dimmable 1-10
 White 3000K
 lm LED 1845 ≠ lm OUTPUT 1423

532005
532005-300 Dimmable Dali
532005-310 Dimmable 1-10
 White 4000K
 lm LED 1937 ≠ lm OUTPUT 1494



@4000K

Mid-Night version on request

IP65

Zefiro - H.1000mm - 360° Emission

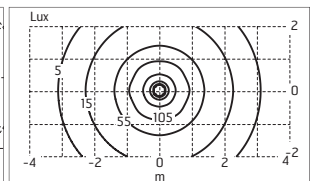
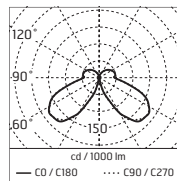
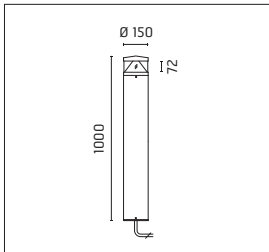
Light Source: Mid-Power LED / 12,5W / Total power 15W / CRI>80 / 220±240V / Integral electronic power supply



532020
532020-300 Dimmable Dali
532020-310 Dimmable 1-10
 White 2700K
 lm LED 1716 ≠ lm OUTPUT 1357

532009
532009-300 Dimmable Dali
532009-310 Dimmable 1-10
 White 3000K
 lm LED 1845 ≠ lm OUTPUT 1423

532008
532008-300 Dimmable Dali
532008-310 Dimmable 1-10
 White 4000K
 lm LED 1937 ≠ lm OUTPUT 1494



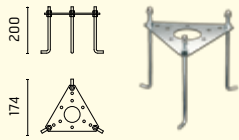
@4000K

Mid-Night version on request

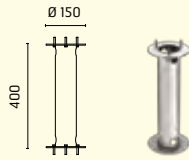
IP65

Accessories: Zefiro

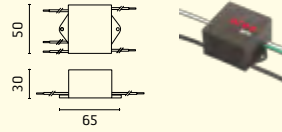
21
BASE PLATE AND FIXING BOLTS
174 x H 200mm



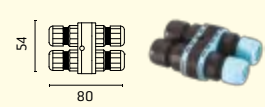
185.A
HIGH RESISTANCE IN-GROUND
FIXING BASE



237
SPD: (SURGE PROTECTION DEVICE)
275Vac
MAXIMUM DISCHARGE CURRENT
10KA (8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNEC-
TION - IP66

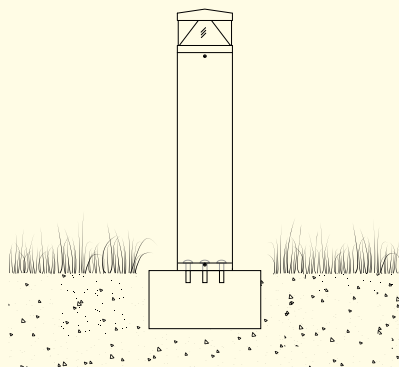


215
3/4 WAY TERMINAL BLOCK 4 POLES
IP68 H2O STOP (Ø5,5÷12mm CABLE)

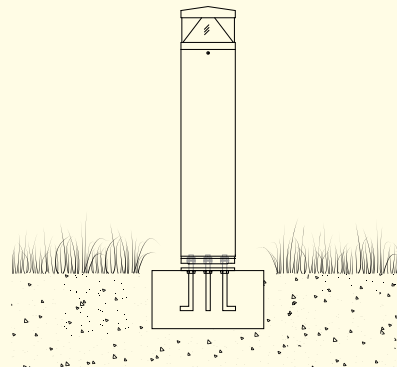


acc. code ▶	dimmi DALI	dimmi 1-10	21	185.A	237	215
532002	-300	-310	•	•	•	•
532003	-300	-310	•	•	•	•
532005	-300	-310	•	•	•	•
532006	-300	-310	•	•	•	•
532008	-300	-310	•	•	•	•
532009	-300	-310	•	•	•	•
532014	-300	-310	•	•	•	•
532017	-300	-310	•	•	•	•
532020	-300	-310	•	•	•	•

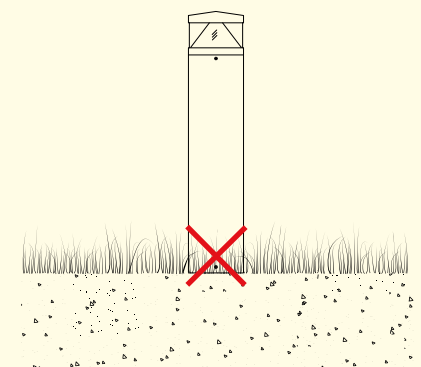
Correct Fixing Method
Bollard fixed on plinth +
suitable installation screws



Correct Fixing Method
Bollard fixed on plinth + fixing bolts



Incorrect Fixing Method
Do not fix the bollard directly on the ground





- Bollard light.
- Configuration: extruded aluminium structure. Polycarbonate diffuser: opal UV-stabilised.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: II
- Installation: The LED module is housed in a sealed transparent polycarbonate cylinder with compensation valve. The luminaire is equipped with a piece of cable and a wiring kit with crimp connectors and an adhesive heat-shrink tubing for a watertight electrical connection. We recommend installation on a concrete basement or surface, directly with bolts or through the dedicated fixing plate (to be ordered separately). Outdoor use requires suitable flexible cables.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:
Class A/A+/A++
Luminaire supplied with integrated LED modules that cannot be replaced



.1 White



.6 Grey



.3 Anthracite



.4 Black



.18 Deep Brown



.12 Forest Green



Bollard light



Pre-wired with approx 200mm of cable



Protection against impact.
IK 08 - 5,00 joule

Talia - H. 360 mm - Single Emission

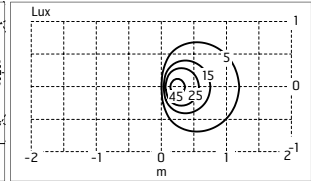
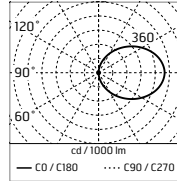
Light Source: Low-Power LED / 3W / Total power 4W / CRI>80 / 220÷240V / Integral electronic power supply/



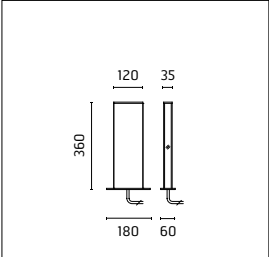
503006
White 3000K
Lm LED 216 ≠ Lm OUTPUT 73



503011
White 4000K
Lm LED 216 ≠ Lm OUTPUT 73



@4000K



IP65

Talia - H. 360 mm - Double Emission

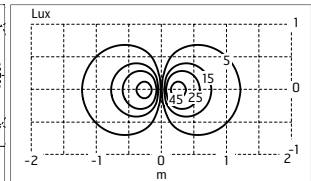
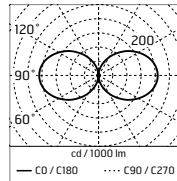
Light Source: Low-Power LED / 2x(3W) / Total power 7W / CRI>80 / 220÷240V / Integral electronic power supply



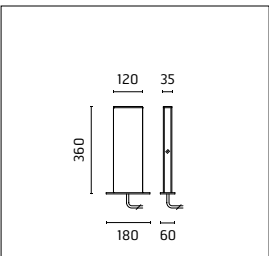
503008
White 3000K
Lm LED 2x216 ≠ lm OUTPUT 2x73



503012
White 4000K
Lm LED 2x216 ≠ lm OUTPUT 2x73



@4000K



IP65

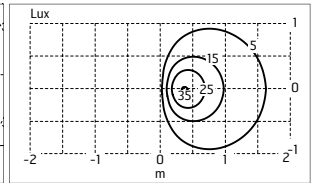
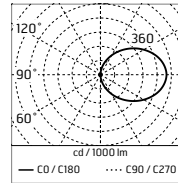
Talia - H. 560 mm - Single Emission

Light Source: Low-Power LED / 5W / Total power 6W / CRI>80 / 220±240V / Integral electronic power supply

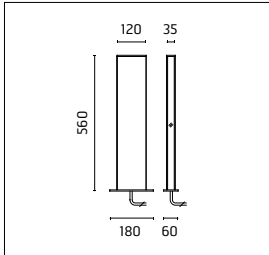


503002
White 3000K
Lm LED 360 = lm OUTPUT 123

503009
White 4000K
Lm LED 360 = lm OUTPUT 123



@4000K



IP65

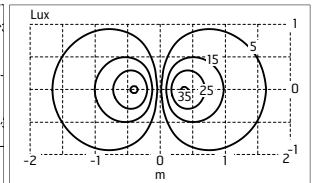
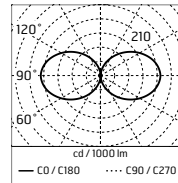
Talia - H. 560 mm - Double Emission

Light Source: Low-Power LED / 2x(5W) / Total power 11W / CRI>80 / 220±240V / Integral electronic power supply

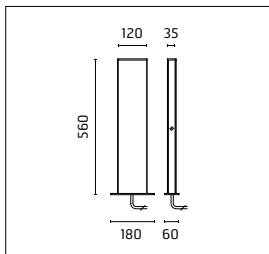


503004
White 3000K
Lm LED 2x360 = lm OUTPUT 2x123

503010
White 4000K
Lm LED 2x360 = lm OUTPUT 2x123



@4000K



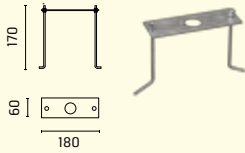
IP65



Accessories: Talia

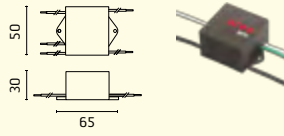
139

BASE PLATE AND FIXING BOLTS
180 x 60 x H 170mm



237

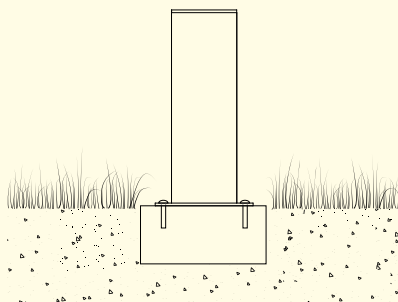
SPD: (SURGE PROTECTION DEVICE)
275Vac
MAXIMUM DISCHARGE CURRENT
10KA (8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNEC-
TION - IP66



acc. code ▶	139	237
prod. code ▼		
503002	•	•
503004	•	•
503006	•	•
503008	•	•
503009	•	•
503010	•	•
503011	•	•
503012	•	•

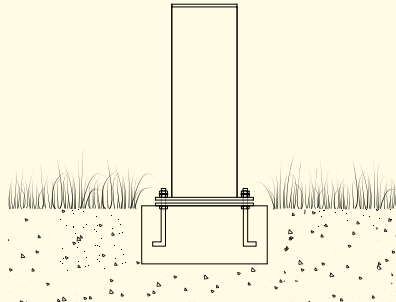
Correct Fixing Method

Bollard fixed on plint +
suitable installation screws



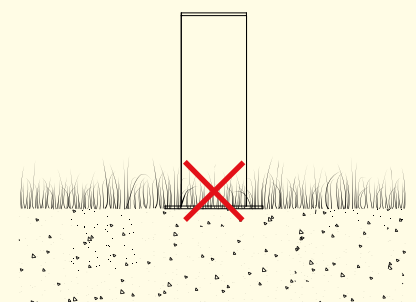
Correct Fixing Method

Bollard fixed on plinth + fixing bolts



Incorrect Fixing Method

Do not fix the bollard directly on the ground





- Bollard light
- Configuration: extruded aluminium structure. Polycarbonate diffuser: satin UV-stabilised.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: II
- Installation: the luminaire is equipped with a piece of cable and a wiring kit with crimp connectors and an adhesive heat-shrink tubing for a watertight electrical connection. The use of a corrugated tube (Ø 30-50mm) allows an easier connection to the line. We recommend installation on a concrete basement or surface, directly with bolts or through the dedicated fixing plate (to be ordered separately). Outdoor use requires suitable flexible cables.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:
Class A/A+/A++
Luminaire supplied with integrated LED modules that cannot be replaced



.1 White



.6 Grey



.3 Anthracite



.4 Black



.18 Deep Brown



.12 Forest Green



Bollard light



Pre-wired with approx 200mm of cable



Protection against impact.
IK 10 - 20,00 joule

Sandro - H.500mm

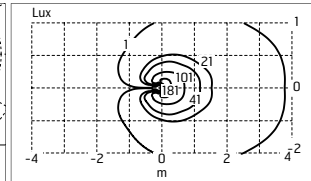
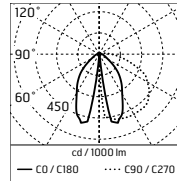
Light Source: Power LED / 5,5W / Total power 8W / CRI>80 / 100±240V / Integral electronic power supply



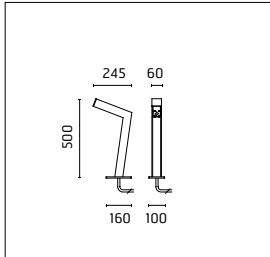
502009
White 2700K
Lm LED 558 ≠ Lm OUTPUT 299

502006
White 3000K
Lm LED 600 ≠ Lm OUTPUT 321

502005
White 4000K
Lm LED 650 ≠ Lm OUTPUT 347



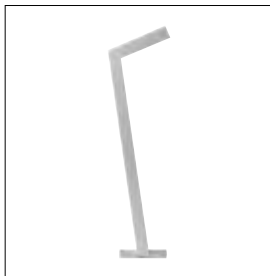
@4000K



IP65

Sandro - H.900mm

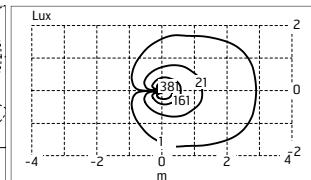
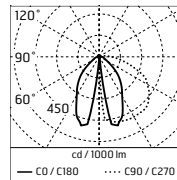
Light Source: Power LED / 5,5W / Total power 8W / CRI 80 / 100±240V / Integral electronic power supply



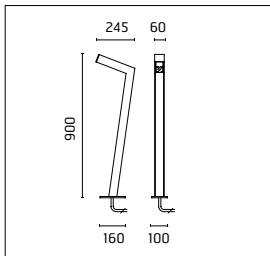
502007
White 2700K
Lm LED 558 ≠ Lm OUTPUT 299

502003
White 3000K
Lm LED 600 ≠ Lm OUTPUT 321

502002
White 4000K
Lm LED 650 ≠ Lm OUTPUT 347



@4000K

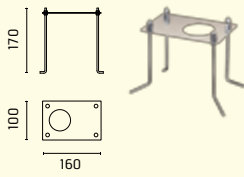


IP65

Accessories: Sandro

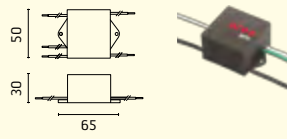
138

BASE PLATE AND FIXING BOLTS
160 x 100 x H 170mm



237

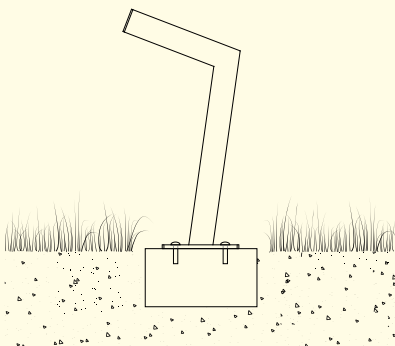
SPD: (SURGE PROTECTION DEVICE)
275Vac
MAXIMUM DISCHARGE CURRENT 10kA
(8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNECTION
- IP66



acc. code ▶	138	237
prod. code ▼		
502002	•	•
502003	•	•
502004	•	•
502005	•	•
502007	•	•
502009	•	•

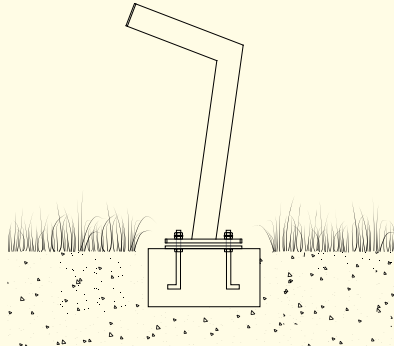
Correct Fixing Method

Bollard fixed on plinth +
suitable installation screws



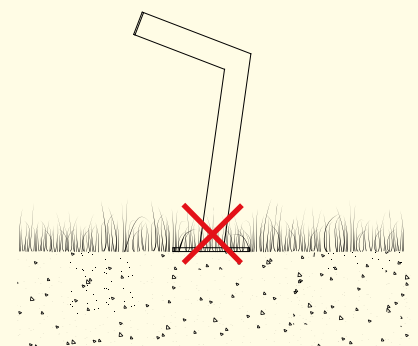
Correct Fixing Method

Bollard fixed on plinth + fixing bolts



Incorrect Fixing Method

Do not fix the bollard directly on the ground





- Bollard light.
- Configuration: hot-dip zinc-coated IPE steel bar (H-frame with base) for high resistance to corrosion. The emission unit, fixed to the upper part of the bar, is composed of a plastic container with zinc-coated cover. Feeding cables are hosted in a hot-dip zinc-coated cover placed on the back side of the bar.
- Protection Rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: wiring through two rubber cable glands (8\times13mm cables). We recommend installation on a concrete basement or surface, directly with bolts or through the dedicated fixing plate (to be ordered separately).

EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:
Class A/A+/A++
Luminaire supplied with integrated LED modules that cannot be replaced



.7 Zinc



Bollard Light



The fitting is equipped with 2 cable input.



Protection against impact.
IK 10 - 20,00 joule

Viviana

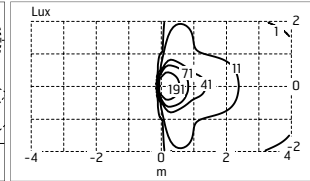
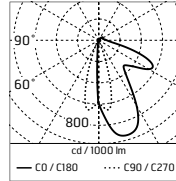
Light Source: Power LED / 8W / Total power 11W / CRI>80 / 220÷240V / Integral electronic power supply



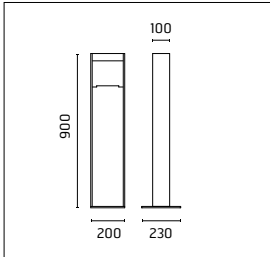
10410600
White 2700K
lm LED 1011 ≠ lm OUTPUT 391

10410400
White 3000K
lm LED 1087 ≠ lm OUTPUT 420

10419700
White 4000K
lm LED 1162 ≠ lm OUTPUT 448



@4000K



IP65   

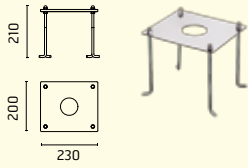




Accessories: Viviana

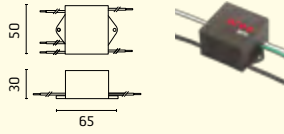
109

BASE PLATE AND FIXING BOLTS
200 x 230 x H 210mm



237

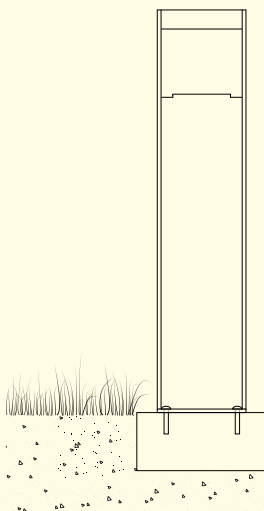
SPD: (SURGE PROTECTION DEVICE)
275Vac
MAXIMUM DISCHARGE CURRENT
10KA (8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNec-
TION - IP66



acc. code ▶	109	237
prod. code ▼		
10410400	•	•
10410600	•	•
10419700	•	•

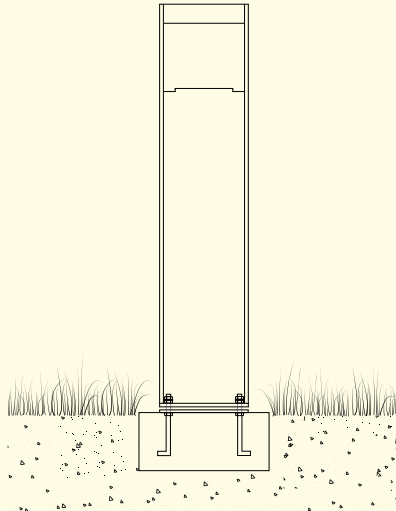
Correct Fixing Method

Bollard fixed on plinth +
suitable installation screws



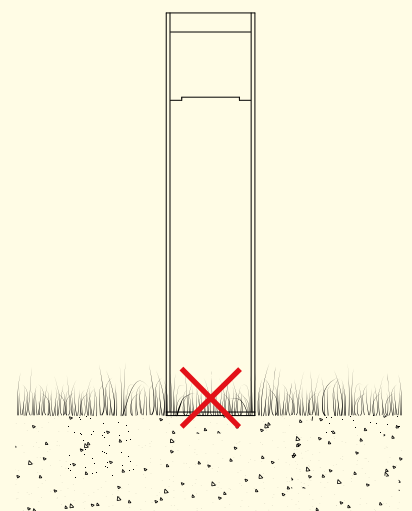
Correct Fixing Method

Bollard fixed on plinth + fixing bolts



Incorrect Fixing Method

Do not fix the bollard directly on the ground







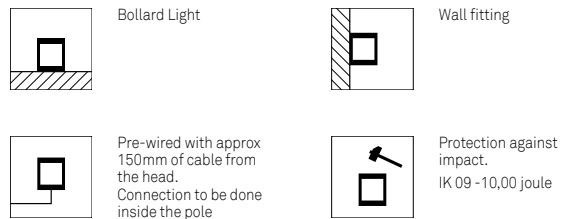


NEW TORCIA

- Cylindrical light for installation on wall or as a bollard light.
- Configuration: stainless steel top disc, turned aluminium junction, extruded aluminium pole and die-cast aluminium base, EN AB-47100 alloy (low copper content). Polycarbonate diffuser: LED: opal; fluorescent: transparent with metal antiglare louvre.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: the luminaire is equipped with a piece of cable with a 2-way connector for 3-conductor cables for an easy-to-make connection. New Torcia LED: direct connection to the mains. Outdoor use requires suitable flexible cables. Pole with base: direct fixation with bolts to a concrete surface or through a dedicated fixing plate (to be ordered separately) in a concrete basement; Pole in-ground: for a better stability, we recommend to concrete the root of the pole.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

	LED VERSION: Class A/A+/A++ Luminaire supplied with integrated LED modules that cannot be replaced
	
	
	
	FLUORESCENT VERSION: Class A TC-DEL/G24q-2 TC-DEL/G24q-3



New Torcia - Wall Version

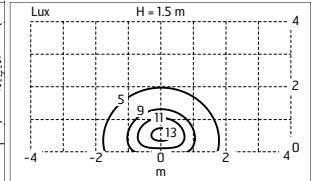
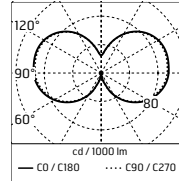
Light Source: Mid-Power LED / 8W / Total power 9W / CRI>80 / 220÷230V



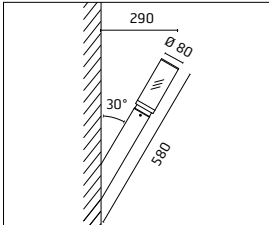
528005
White 3000K
Lm LED 700 ≈ lm OUTPUT 630



528004
White 4000K
Lm LED 740 ≈ lm OUTPUT 665



@4000K



LED module set up to work directly connected to the mains

IP65

New Torcia - Pole Version - Direct 230V

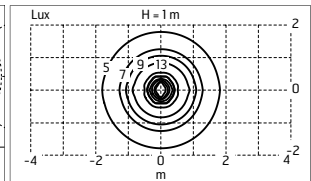
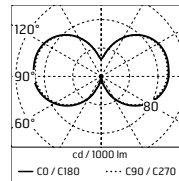
Light Source: Mid-Power LED / 8W / CRI>80 / 220÷230V



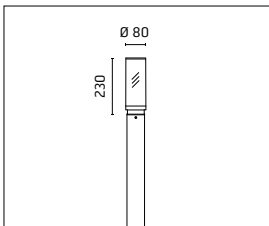
528010
White 3000K
Total power 8,7W
Lm LED 700 ≈ lm OUTPUT 630



528009
White 4000K
Total power 9W
Lm LED 740 ≈ lm OUTPUT 665



@4000K



LED module set up to work directly connected to the mains

IP65

New Torcia / Poles



with Base

1505
H. 500 mm

1509
H. 900 mm

1512
H. 1200 mm



In-Ground (+300 mm Root)

1605
H. 500 (+300) mm

1609
H. 900 (+300) mm

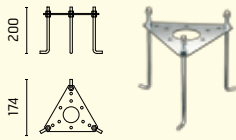
1612
H. 1200 (+300) mm



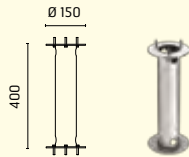


Accessories: New Torcia

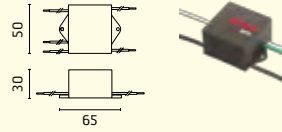
21
BASE PLATE AND FIXING BOLTS
174 x h 200mm



185.A
HIGH RESISTANCE IN-GROUND
FIXING BASE

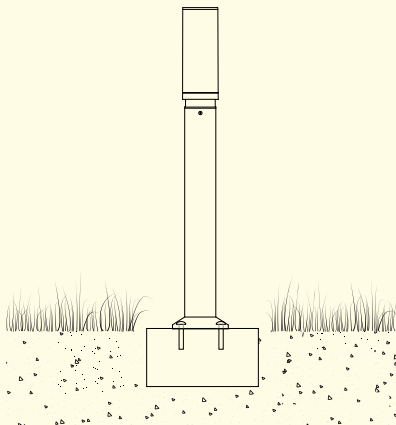


237
SPD: (SURGE PROTECTION DEVICE)
275Vac
MAXIMUM DISCHARGE CURRENT
10KA (8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNEC-
TION - IP66

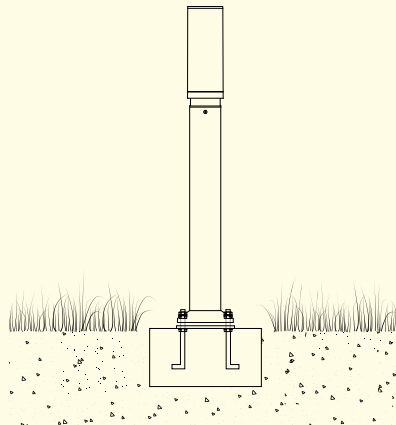


acc. code ▶	21	185.A	237
prod. code ▼			
528004			•
528005			•
528009			•
528010			•
1505	•	•	
1509	•	•	
1512	•	•	
1605			
1609			
1610			

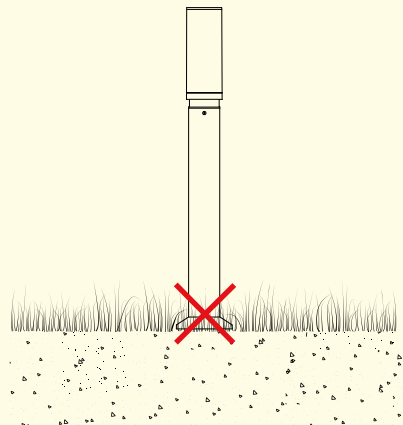
Correct Fixing Method
Bollard fixed on plint +
suitable installation screws



Correct Fixing Method
Bollard fixed on plinth + fixing bolts




Incorrect Fixing Method
Do not fix the bollard directly on the ground




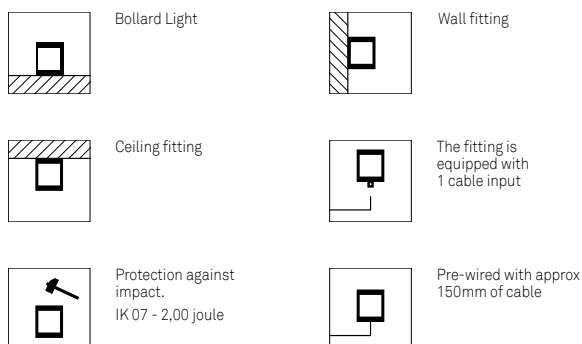
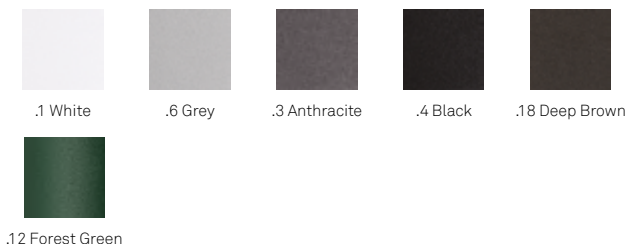


- Cylindrical light for installation on wall, ceiling and floor or as a bollard light – surface.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content), extruded aluminium pole (version “on post”). Borosilicate diffuser: transparent or sandblasted.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: Mini Silvia: the luminaire is equipped with one M16 cable gland (4,5\times10mm cables) placed under the head of the luminaire. Mini Silvia on post: the luminaire is equipped with a piece of cable and a watertight 3-ways connector (for cables 5\times13mm) for direct or end-to-end connection. Outdoor use requires suitable flexible cables. We recommend installation on a concrete basement or surface, directly with bolts or through the dedicated fixing plate (to be ordered separately).
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

A⁺  **METAL HALIDE VERSION:**
Class A+
HIT-TC-CE/G8,5

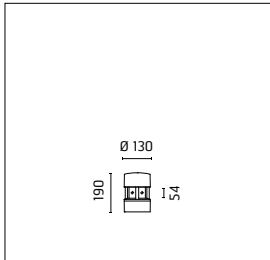
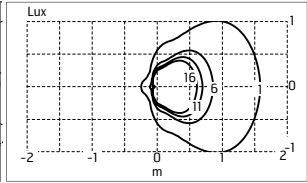
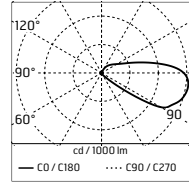
D  **HALOGEN VERSION:**
Class D
QT32/E27



MiniSilvia - Sandblasted Glass - 120° Emission



930121
 QT 32 60W E27
 Lamp max size: Ø40 mm H.115 mm

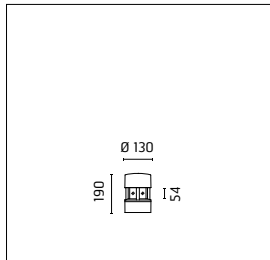
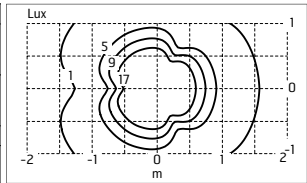
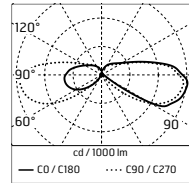


IP65

MiniSilvia - Sandblasted Glass - 360° Emission



930100
 QT 32 60W E27
 Lamp max size: Ø40 mm H.115 mm

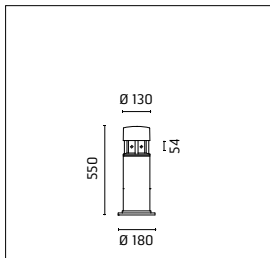
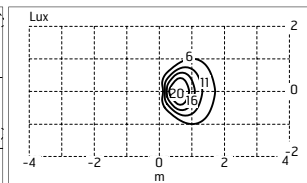
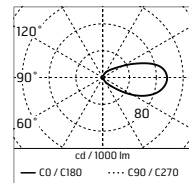


IP65

MiniSilvia on post - H. 550 mm - Sandblasted Glass - 120° Emission



930181
 QT 32 60W E27
 Lamp max size: Ø40 mm H.115 mm

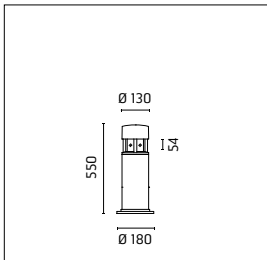
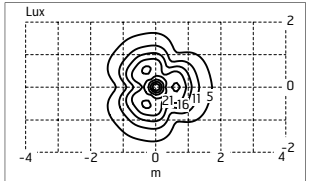
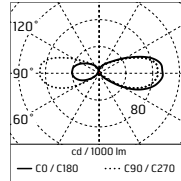


IP65

MiniSilvia on post - H. 550 mm - Sandblasted Glass - 360° Emission



930178
 QT 32 60W E27
 Lamp max size: Ø40 mm H.115 mm

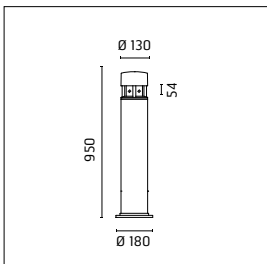
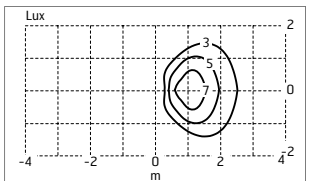
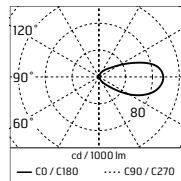


IP65

MiniSilvia on post - H. 950 mm - Sandblasted Glass - 120° Emission



930182
 QT 32 60W E27
 Lamp max size: Ø40 mm H.115 mm

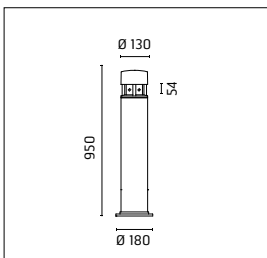
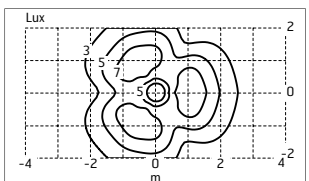
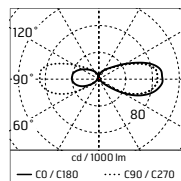


IP65

MiniSilvia on post - H. 950 mm - Sandblasted Glass - 360° Emission



930179
 QT 32 60W E27
 Lamp max size: Ø40 mm H.115 mm

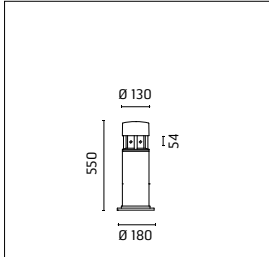
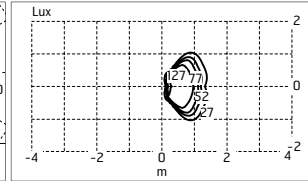
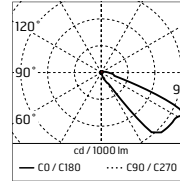


IP65

MiniSilvia on post - H. 550 mm - Transparent Glass - 120° Emission



936787
HIT-TC-CE 35W G8,5



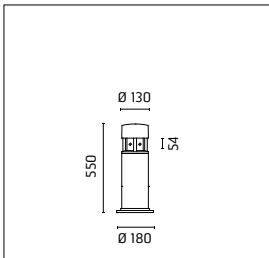
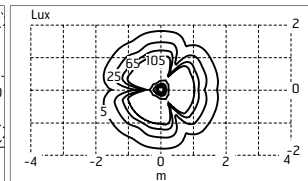
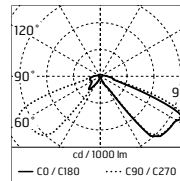
Electronic ballast

IP65

MiniSilvia on post - H. 550 mm - Transparent Glass - 360° Emission



936784
HIT-TC-CE 35W G8,5



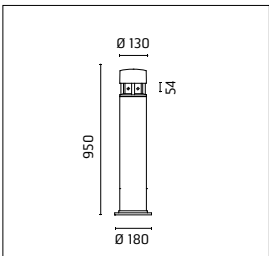
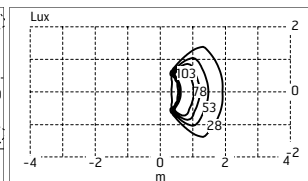
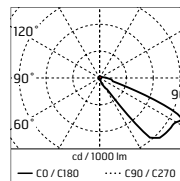
Electronic ballast

IP65

MiniSilvia on post - H. 950 mm - Transparent Glass - 120° Emission



936788
HIT-TC-CE 35W G8,5



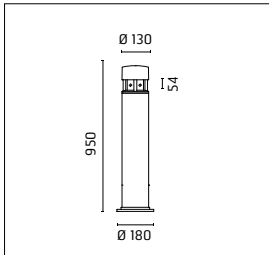
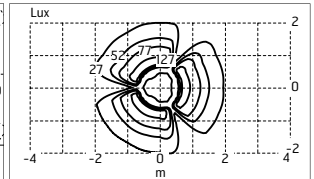
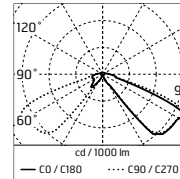
Electronic ballast

IP65

MiniSilvia on post - H. 950 mm - Transparent Glass - 360° Emission



936785
HIT-TC-CE 35W G8,5

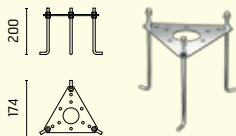


Electronic ballast

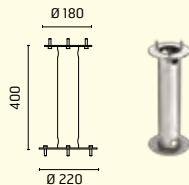
IP65

Accessories: MiniSilvia - MiniSilvia on post

21
BASE PLATE AND FIXING BOLTS
174 x h 200mm

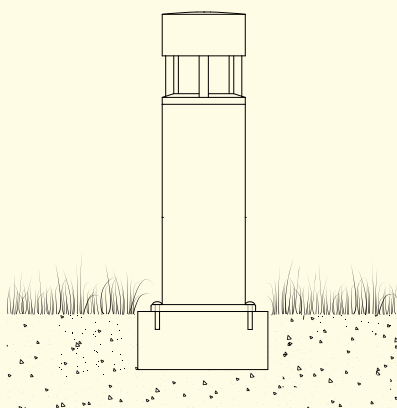


260
HIGH RESISTANCE IN-GROUND
FIXING BASE

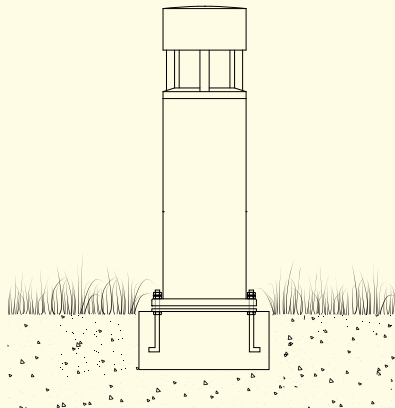


acc. code	21	260
930100		
930121		
930178	•	•
930179	•	•
930181	•	•
930182	•	•
936784	•	•
936785	•	•
936787	•	•
936788	•	•

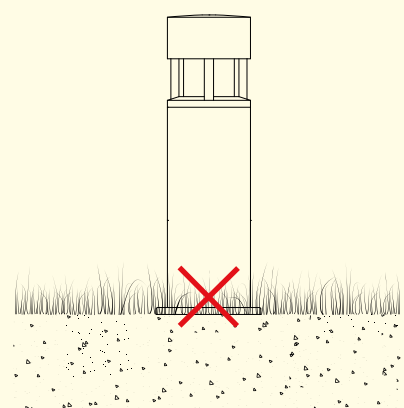
Correct Fixing Method
Bollard fixed on plinth + suitable installation screws



Correct Fixing Method
Bollard fixed on plinth + fixing bolts



Incorrect Fixing Method
Do not fix the bollard directly on the ground




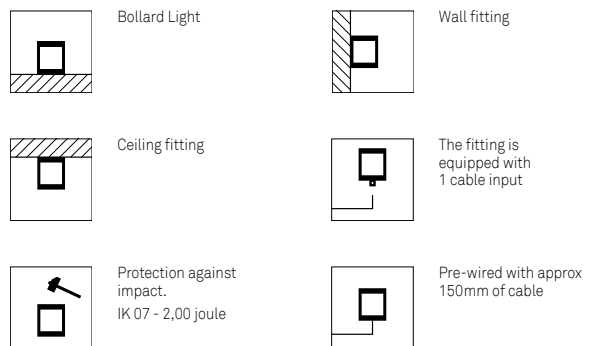
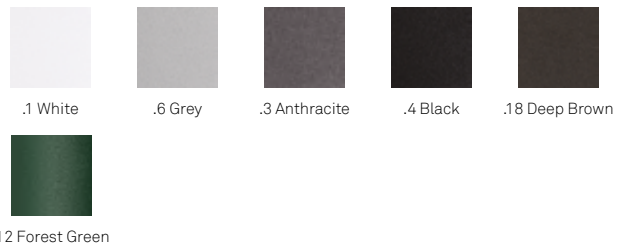


- Cylindrical light for installation on wall, ceiling and floor or as a bollard light – surface.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content), extruded aluminium pole (version “on post”). Borosilicate diffuser: transparent or sandblasted.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: Silvia: the luminaire is equipped with one M20 cable gland (6\times12mm cables) placed under the head of the luminaire. Silvia on post: the luminaire is equipped with a piece of cable and a watertight 3-ways connector (for cables 5\times13mm) for direct or end-to-end connection.
- Outdoor use requires suitable flexible cables. We recommend installation on a concrete basement or surface, directly with bolts or through the dedicated fixing plate (to be ordered separately).
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

 **METAL HALIDE VERSION:**
Class A+
HIT-CE/G12

 **HALOGEN VERSION:**
Class D
QT32/E27

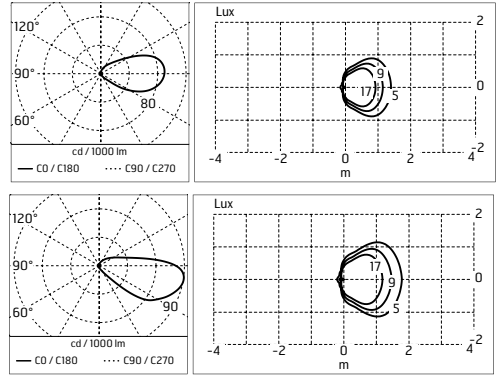
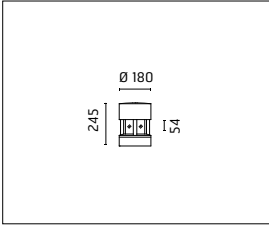


Silvia - Sandblasted Glass - 120° Emission



850121
 QT 32 100W E27
 Lamp max size: Ø40 mm H.125 mm

853521
 HIT-CE 35W G12



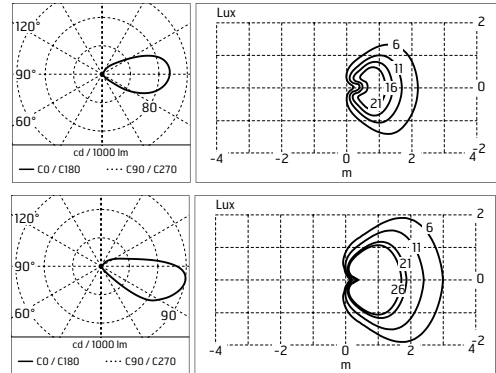
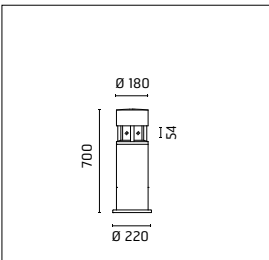
IP65

Silvia on post - H. 700 mm- Sandblasted Glass - 120° Emission



850175
 QT 32 100W E27
 Lamp max size: Ø40 mm H.125 mm

853575
 HIT-CE 35W G12



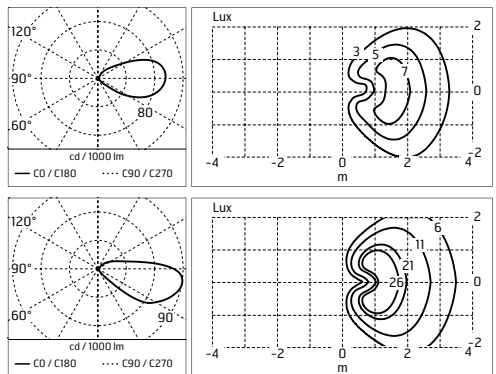
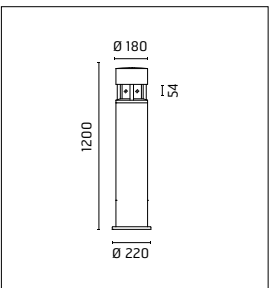
IP65

Silvia on post - H. 1200 mm - Sandblasted Glass - 120° Emission



850176
 QT 32 100W E27
 Lamp max size: Ø40 mm H.125 mm

853576
 HIT-CE 35W G12



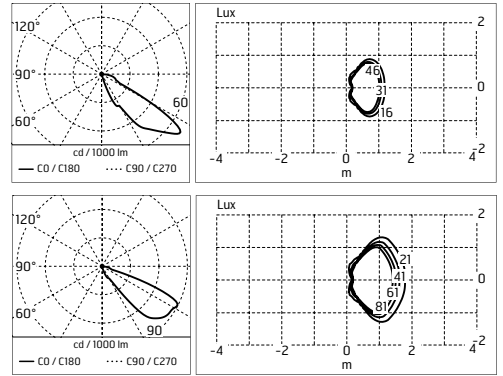
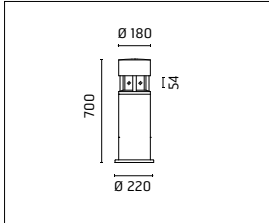
IP65

Silvia on post - H. 700 mm - Transparent Glass - 120° Emission



850169
 QT 32 100W E27
 Lamp max size: Ø40 mm H.125 mm

857169
 HIT-CE 70W G12



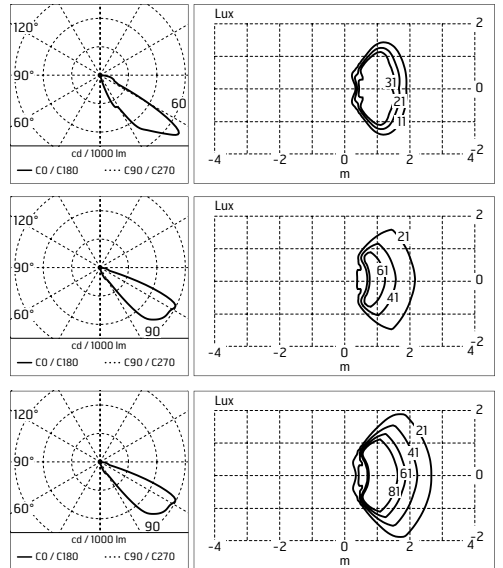
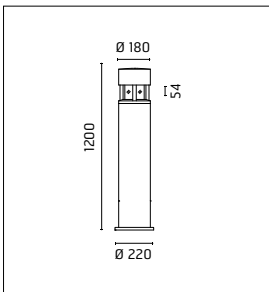
IP65

Silvia on post - H. 1200 mm - Transparent Glass - 120° Emission



850170
 QT 32 100W E27
 Lamp max size: Ø40 mm H.125 mm

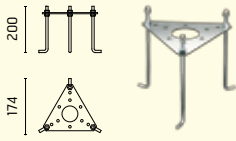
853570
 HIT-CE 35W G12



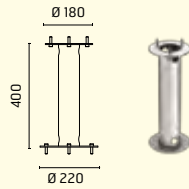
IP65

Accessories: Silvia - Silvia on post

21
BASE PLATE AND FIXING BOLTS
174 x h 200mm

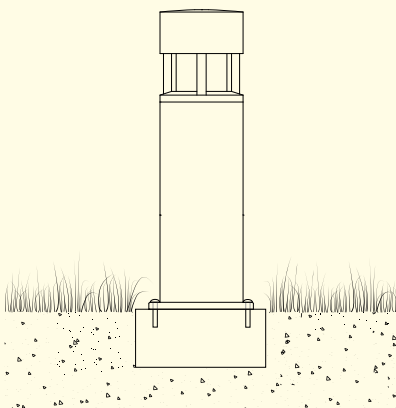


260
HIGH RESISTANCE IN-GROUND
FIXING BASE

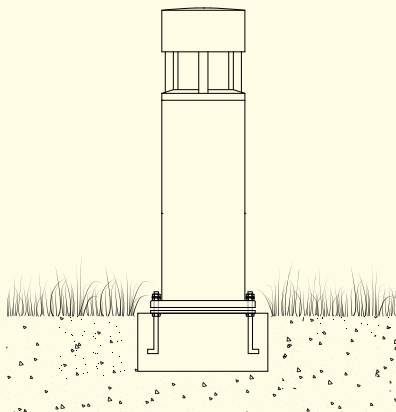


acc. code ▶	21	260
prod. code ▼		
850121		
850167	•	•
850168	•	•
850169	•	•
850170	•	•
850175	•	•
850176	•	•
853521		
853567	•	•
853569	•	•
853570	•	•
853575	•	•
853576	•	•
857169	•	•
857170	•	•

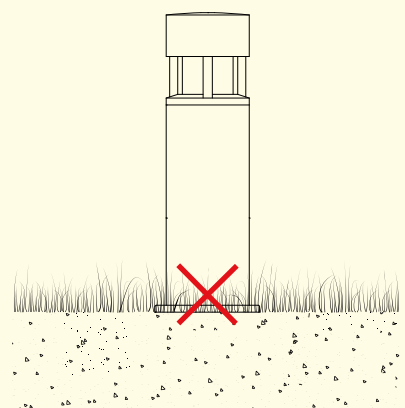
Correct Fixing Method
Bollard fixed on plint +
suitable installation screws



Correct Fixing Method
Bollard fixed on plinth + fixing bolts



Incorrect Fixing Method
Do not fix the bollard directly on the ground





- Projector for installation on wall or on pole (Ø76mm or Ø102mm).
- Configuration: extruded aluminium structure with die-cast closing ends, EN AB-47100 alloy (low copper content). Glass diffuser: extra-clear with silk-screen border, fixed to the aluminium through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN60598-1 standards
- Class of insulation: I
- Installation: the luminaire is equipped with 400mm cable and a 2-way terminal block for 3-conductor cables - IP68.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating.
Damages on the coating exposed to outdoor conditions or water, could cause corrosion.
Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:
Class A/A+/A++
Luminaire supplied
with integrated LED modules
that cannot be replaced



.6 Grey



.3 Anthracite



Wall fitting



Installation on pole

Pre-wired with approx
400mm of cableProtection against
impact
IK 09 - 10,00 joule

Dooku400 - Wall Version - Adjustable - 120° (Wide Spaces - Public Areas - Parking Areas)

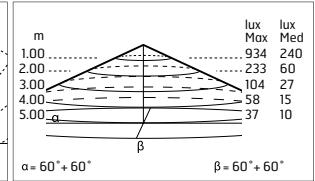
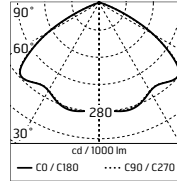
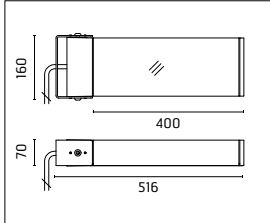
Light Source: Power LED / 33,6W / Total power 39W / CRI>80 / 220±240V / Integral electronic power supply



539076
539076-300 Dimmable Dali
539076-310 Dimmable 1-10
 White 2700K
 lm LED 3723 ≠ lm OUTPUT 2946

539075
539075-300 Dimmable Dali
539075-310 Dimmable 1-10
 White 3000K
 lm LED 4003 ≠ lm OUTPUT 3168

539074
539074-300 Dimmable Dali
539074-310 Dimmable 1-10
 White 4000K
 lm LED 4262 ≠ lm OUTPUT 3374



@4000K

Smart city version on request

IP65

Dooku400 - Wall Version - Adjustable - Asymmetric optic

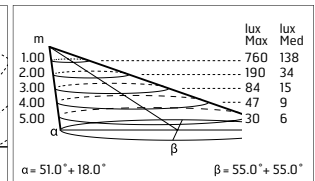
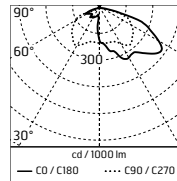
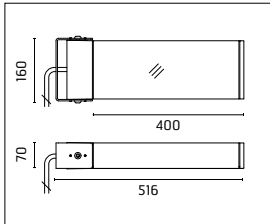
Light Source: Power LED / 33,6W / Total power 39W / CRI>80 / 220±240V / Integral electronic power supply



539130
539130-300 Dimmable Dali
539130-310 Dimmable 1-10
 White 2700K
 lm LED 3723 ≠ lm OUTPUT 2853

539148
539148-300 Dimmable Dali
539148-310 Dimmable 1-10
 White 3000K
 lm LED 4003 ≠ lm OUTPUT 2941

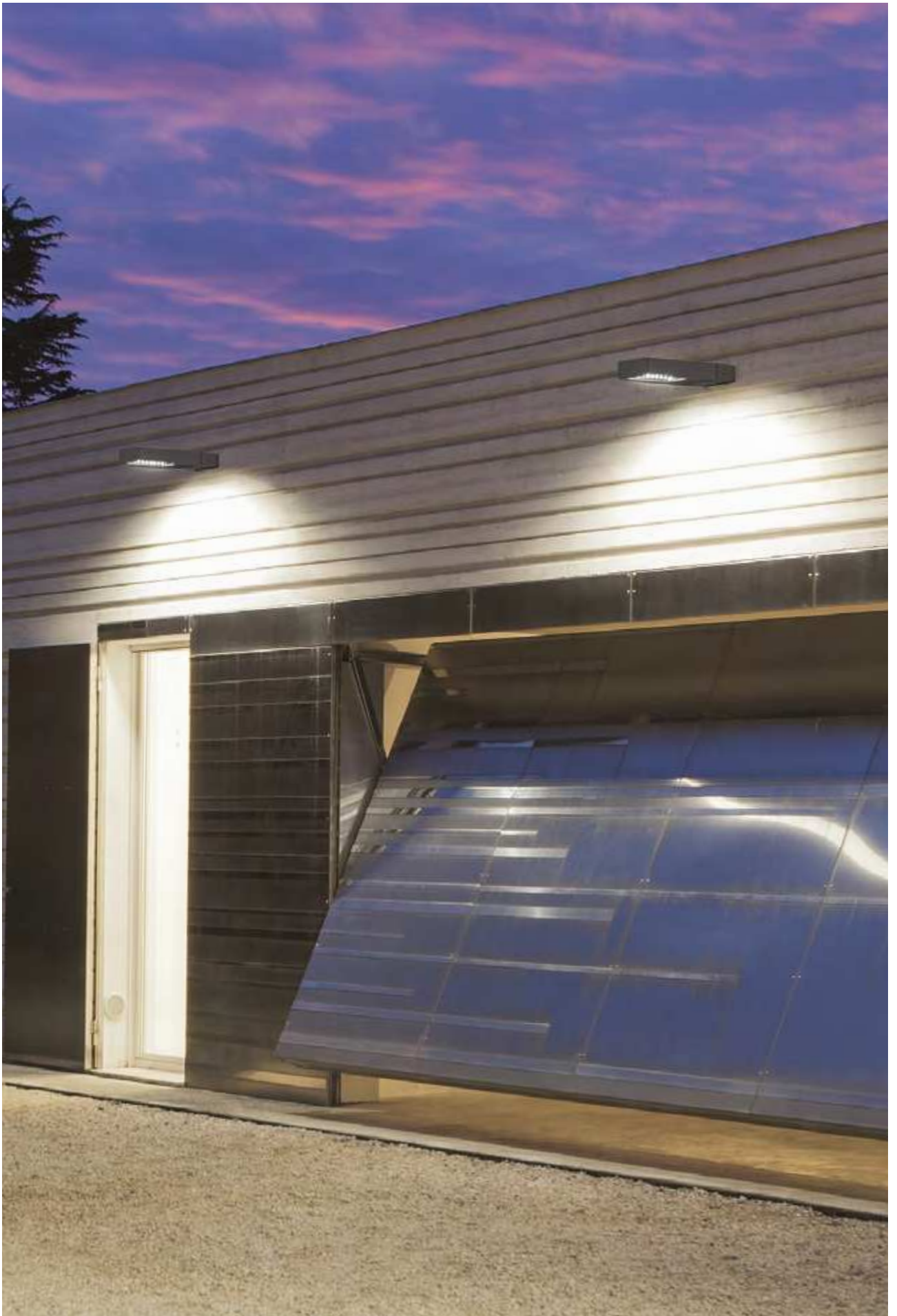
539166
539166-300 Dimmable Dali
539166-310 Dimmable 1-10
 White 4000K
 lm LED 4262 ≠ lm OUTPUT 3131



@4000K

Smart city version on request

IP65



Dooku400 - Pole Ø 76 mm - Single Top Pole - 120° (Wide Spaces - Public Areas - Parking Areas)

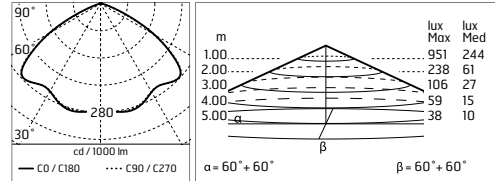
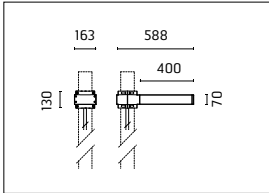
Light Source: Power LED / 33,6W / Total power 39W / CRI>80 / 220±240V / Integral electronic power supply



539078
539078-300 Dimmable Dali
539078-310 Dimmable 1-10
 White 2700K
 lm LED 3723 ≠ lm OUTPUT 2946

539039
539039-300 Dimmable Dali
539039-310 Dimmable 1-10
 White 3000K
 lm LED 4003 ≠ lm OUTPUT 3168

539038
539038-300 Dimmable Dali
539038-310 Dimmable 1-10
 White 4000K
 lm LED 4262 ≠ lm OUTPUT 3374



@4000K

Smart city version on request

IP65

Dooku400 - Pole Ø 76 mm - Single Top Pole - Asymmetric optic

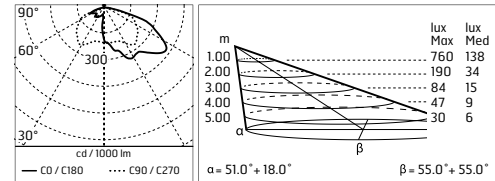
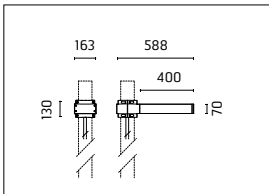
Light Source: Power LED / 33,6W / Total power 39W / CRI>80 / 220±240V / Integral electronic power supply



539132
539132-300 Dimmable Dali
539132-310 Dimmable 1-10
 White 2700K
 lm LED 3723 ≠ lm OUTPUT 2853

539150
539150-300 Dimmable Dali
539150-310 Dimmable 1-10
 White 3000K
 lm LED 4003 ≠ lm OUTPUT 2941

539168
539168-300 Dimmable Dali
539168-310 Dimmable 1-10
 White 4000K
 lm LED 4262 ≠ lm OUTPUT 3131



@4000K

Smart city version on request

IP65

Dooku400 - Pole Ø 76mm - Single Top Pole - Street Light Optic

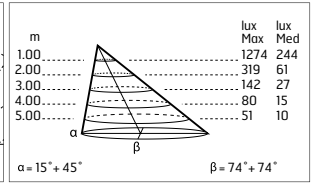
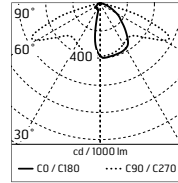
Light Source: Power LED / 33,6W / Total power 39W / CRI >80 / 220÷240V / Integral electronic power supply



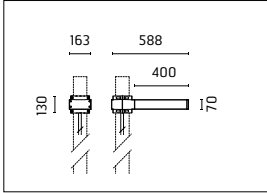
539080
539080-300 Dimmable Dali
539080-310 Dimmable 1-10
 White 2700K
 lm LED 3723 ≈ lm OUTPUT 2727

539042
539042-300 Dimmable Dali
539042-310 Dimmable 1-10
 White 3000K
 lm LED 4003 ≈ lm OUTPUT 2932

539041
539041-300 Dimmable Dali
539041-310 Dimmable 1-10
 White 4000K
 lm LED 4262 ≈ lm OUTPUT 3121



@4000K



Smart city version on request

IP65

Dooku400 - Pole Ø 76mm - Single Top Pole - Street Light Optic (Foot and Cycle Paths)

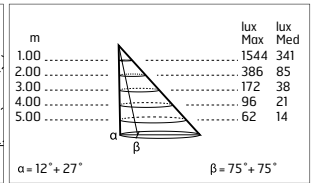
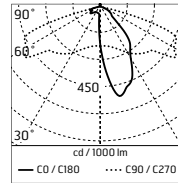
Light Source: Power LED / 33,6W / Total power 39W / CRI >80 / 220÷240V / Integral electronic power supply



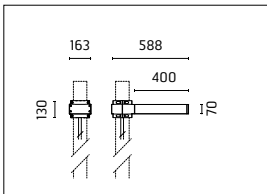
539082
539082-300 Dimmable Dali
539082-310 Dimmable 1-10
 White 2700K
 lm LED 3723 ≈ lm OUTPUT 2744

539045
539045-300 Dimmable Dali
539045-310 Dimmable 1-10
 White 3000K
 lm LED 4003 ≈ lm OUTPUT 2950

539044
539044-300 Dimmable Dali
539044-310 Dimmable 1-10
 White 4000K
 lm LED 4262 ≈ lm OUTPUT 3141



@4000K

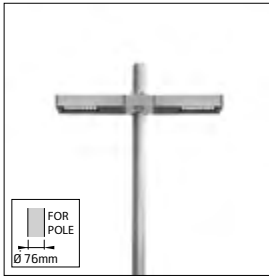


Smart city version on request

IP65

Dooku400 - Pole Ø 76mm - Double Top Pole - 120° (Wide Spaces - Public Areas - Parking Areas)

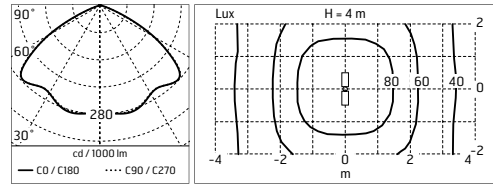
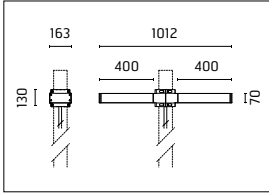
Light Source: Power LED / 2x33,6W / Total power 2x39W / CRI>80 / 220÷240V / Integral electronic power supply



539084
539084-300 Dimmable Dali
539084-310 Dimmable 1-10
 White 2700K
 lm LED 2x3723 ≠ lm OUTPUT 2x2946

539048
539048-300 Dimmable Dali
539048-310 Dimmable 1-10
 White 3000K
 lm LED 2x4003 ≠ lm OUTPUT 2x3168

539047
539047-300 Dimmable Dali
539047-310 Dimmable 1-10
 White 4000K
 lm LED 2x4262 ≠ lm OUTPUT 2x3374



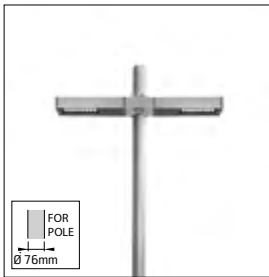
@4000K

Smart city version on request

IP65

Dooku400 - Pole Ø 76mm - Double Top Pole - Asymmetric optic

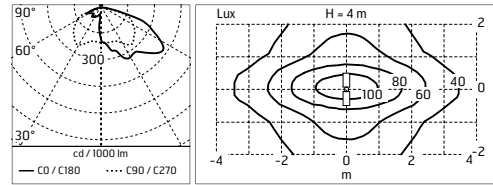
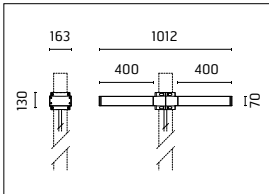
Light Source: Power LED / 2x33,6W / Total power 2x39W / CRI>80 / 220÷240V / Integral electronic power supply



539134
539134-300 Dimmable Dali
539134-310 Dimmable 1-10
 White 2700K
 lm LED 2x3723 ≠ lm OUTPUT 2x2853

539152
539152-300 Dimmable Dali
539152-310 Dimmable 1-10
 White 3000K
 lm LED 2x4003 ≠ lm OUTPUT 2x2941

539170
539170-300 Dimmable Dali
539170-310 Dimmable 1-10
 White 4000K
 lm LED 2x4262 ≠ lm OUTPUT 2x3131



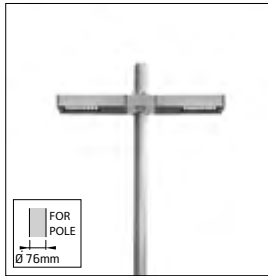
@4000K

Smart city version on request

IP65

Dooku400 - Pole Ø 76mm - Double Top Pole - Street Light Optic

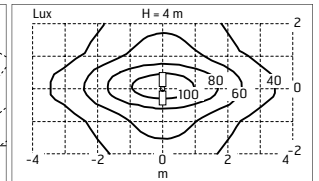
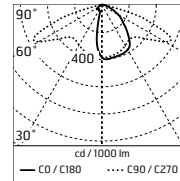
Light Source: Power LED / 2x33,6W / Total power 2x39W / CRI>80 / 220±240V / Integral electronic power supply



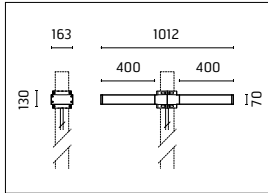
539086
539086-300 Dimmable Dali
539086-310 Dimmable 1-10
 White 2700K
 lm LED 2x3723 ≠ lm OUTPUT 2x2727

539051
539051-300 Dimmable Dali
539051-310 Dimmable 1-10
 White 3000K
 lm LED 2x4003 ≠ lm OUTPUT 2x2932

539050
539050-300 Dimmable Dali
539050-310 Dimmable 1-10
 White 4000K
 lm LED 2x4262 ≠ lm OUTPUT 2x3121



@4000K

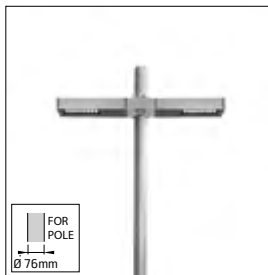


Smart city version on request

IP65

Dooku400 - Pole Ø 76mm - Double Top Pole - Street Light Optic (Foot and Cycle Paths)

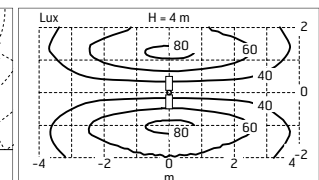
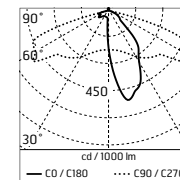
Light Source: Power LED / 2x33,6W / Total power 2x39W / CRI>80 / 220±240V/Integral electronic power supply



539088
539088-300 Dimmable Dali
539088-310 Dimmable 1-10
 White 2700K
 lm LED 2x3723 ≠ lm OUTPUT 2x2744

539054
539054-300 Dimmable Dali
539054-310 Dimmable 1-10
 White 3000K
 lm LED 2x4003 ≠ lm OUTPUT 2x2950

539053
539053-300 Dimmable Dali
539053-310 Dimmable 1-10
 White 4000K
 lm LED 2x4262 ≠ lm OUTPUT 2x3141



@4000K

Smart city version on request

IP65

Dooku400 - Pole Ø 102mm - Single Top Pole - 120° (Wide Spaces - Public Areas - Parking Areas)

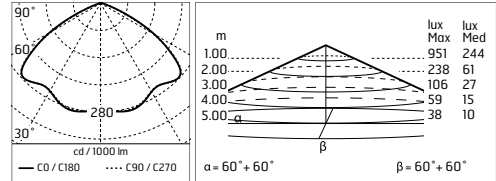
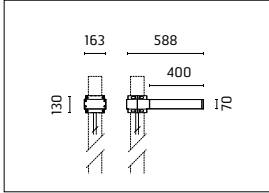
Light Source: Power LED / 33,6W / Total power 39W / CRI>80 / 220±240V / Integral electronic power supply



539090
539090-300 Dimmable Dali
539090-310 Dimmable 1-10
 White 2700K
 lm LED 3723 ≠ lm OUTPUT 2946

539057
539057-300 Dimmable Dali
539057-310 Dimmable 1-10
 White 3000K
 lm LED 4003 ≠ lm OUTPUT 3168

539056
539056-300 Dimmable Dali
539056-310 Dimmable 1-10
 White 4000K
 lm LED 4262 ≠ lm OUTPUT 3374



@4000K

Smart city version on request

IP65

Dooku400 - Pole Ø 102mm - Single Top Pole - Asymmetric optic

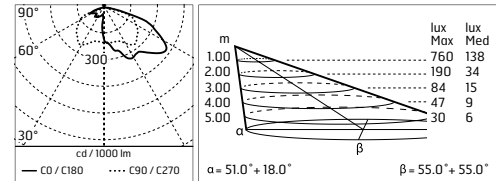
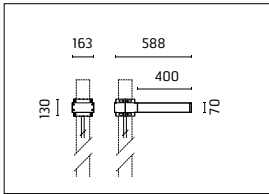
Light Source: Power LED / 33,6W / Total power 39W / CRI>80 / 220±240V / Integral electronic power supply



539136
539136-300 Dimmable Dali
539136-310 Dimmable 1-10
 White 2700K
 lm LED 3723 ≠ lm OUTPUT 2853

539154
539154-300 Dimmable Dali
539154-310 Dimmable 1-10
 White 3000K
 lm LED 4003 ≠ lm OUTPUT 2941

539172
539172-300 Dimmable Dali
539172-310 Dimmable 1-10
 White 4000K
 lm LED 4262 ≠ lm OUTPUT 3131



@4000K

Smart city version on request

IP65

Dooku400 - Pole Ø 102mm - Single Top Pole - Street Light Optic

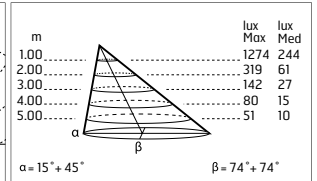
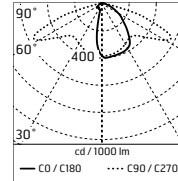
Light Source: Power LED / 33,6W / Total power 39W / CRI>80 / 220÷240V / Integral electronic power supply



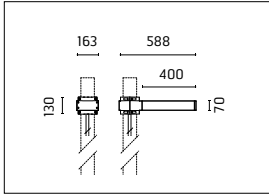
539092
539092-300 Dimmable Dali
539092-310 Dimmable 1-10
 White 2700K
 lm LED 3723 ≠ lm OUTPUT 2727

539060
539060-300 Dimmable Dali
539060-310 Dimmable 1-10
 White 3000K
 lm LED 4003 ≠ lm OUTPUT 2932

539059
539059-300 Dimmable Dali
539059-310 Dimmable 1-10
 White 4000K
 lm LED 4262 ≠ lm OUTPUT 3121



@4000K



Smart city version on request



Dooku400 - Pole Ø 102mm - Single Top Pole - Street Light Optic (Foot and Cycle Paths)

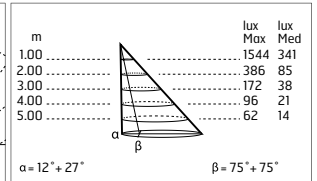
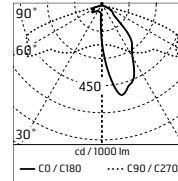
Light Source: Power LED / 33,6W / Total power 39W / CRI>80 / 220÷240V / Integral electronic power supply



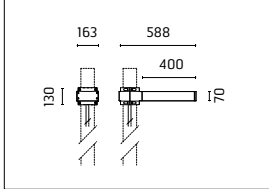
539094
539094-300 Dimmable Dali
539094-310 Dimmable 1-10
 White 2700K
 lm LED 3723 ≠ lm OUTPUT 2744

539063
539063-300 Dimmable Dali
539063-310 Dimmable 1-10
 White 3000K
 lm LED 4003 ≠ lm OUTPUT 2950

539062
539062-300 Dimmable Dali
539062-310 Dimmable 1-10
 White 4000K
 lm LED 4262 ≠ lm OUTPUT 3141



@4000K



Smart city version on request



Dooku400 - Pole Ø 102mm - Double Top Pole - 120° (Wide Spaces - Public Areas - Parking Areas)

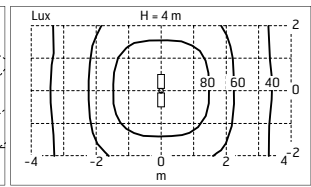
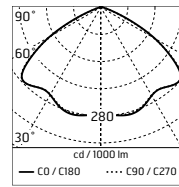
Light Source: Power LED / 2x33,6W / Total power 2x39W / CRI>80 / 220÷240V / Integral electronic power supply



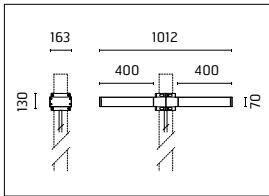
539096
539096-300 Dimmable Dali
539096-310 Dimmable 1-10
 White 2700K
 lm LED 2x3723 ≠ lm OUTPUT 2x2946

539066
539066-300 Dimmable Dali
539066-310 Dimmable 1-10
 White 3000K
 lm LED 2x4003 ≠ lm OUTPUT 2x3168

539065
539065-300 Dimmable Dali
539065-310 Dimmable 1-10
 White 4000K
 lm LED 2x4262 ≠ lm OUTPUT 2x3374



@4000K



Smart city version on request

IP65

Dooku400 - Pole Ø 102mm - Double Top Pole - Asymmetric optic

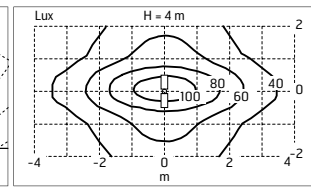
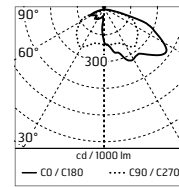
Light Source: Power LED / 2x33,6W / Total power 2x39W / CRI>80 / 220÷240V / Integral electronic power supply



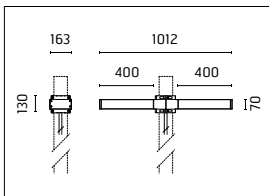
539138
539138-300 Dimmable Dali
539138-310 Dimmable 1-10
 White 2700K
 lm LED 2x3723 ≠ lm OUTPUT 2x2853

539156
539156-300 Dimmable Dali
539156-310 Dimmable 1-10
 White 3000K
 lm LED 2x4003 ≠ lm OUTPUT 2x2941

539174
539174-300 Dimmable Dali
539174-310 Dimmable 1-10
 White 4000K
 lm LED 2x4262 ≠ lm OUTPUT 2x3131



@4000K



Smart city version on request

IP65

Dooku400 - Pole Ø 102mm - Double Top Pole - Street Light Optic

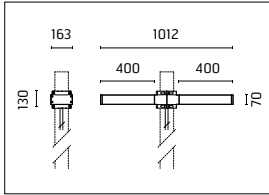
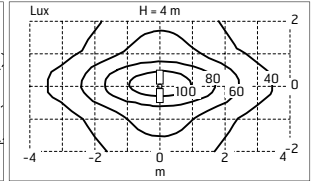
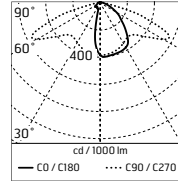
Light Source: Power LED / 2x33,6W / Total power 2x39W / CRI>80 / 220±240V / Integral electronic power supply



539098
539098-300 Dimmable Dali
539098-310 Dimmable 1-10
 White 2700K
 lm LED 2x3723 ≠ lm OUTPUT 2x2727

539069
539069-300 Dimmable Dali
539069-310 Dimmable 1-10
 White 3000K
 lm LED 2x4003 ≠ lm OUTPUT 2x2932

539068
539068-300 Dimmable Dali
539068-310 Dimmable 1-10
 White 4000K
 lm LED 2x4262 ≠ lm OUTPUT 2x3121



Smart city version on request

IP65

Dooku400 - Pole Ø 102mm - Double Top Pole - Street Light Optic (Foot and Cycle Paths)

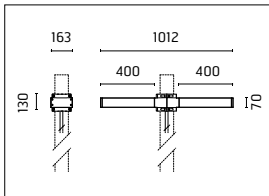
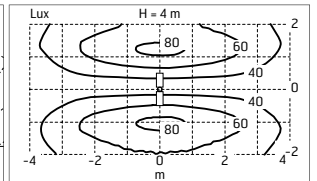
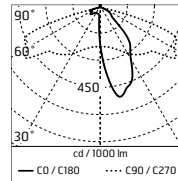
Light Source: Power LED / 2x33,6W / Total power 2x39W / CRI>80 / 220±240V / Integral electronic power supply



539100
539100-300 Dimmable Dali
539100-310 Dimmable 1-10
 White 2700K
 lm LED 2x3723 ≠ lm OUTPUT 2x2744

539072
539072-300 Dimmable Dali
539072-310 Dimmable 1-10
 White 3000K
 lm LED 2x4003 ≠ lm OUTPUT 2x2950

539071
539071-300 Dimmable Dali
539071-310 Dimmable 1-10
 White 4000K
 lm LED 2x4262 ≠ lm OUTPUT 2x3141



Smart city version on request

IP65

Dooku600 - Pole Ø 76 mm - Single Top Pole - 120° (Wide Spaces - Public Areas - Parking Areas)

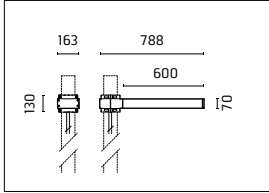
Light Source: Power LED / 67,2W / Total power 78W / CRI>80 / 220÷240V / Integral electronic power supply



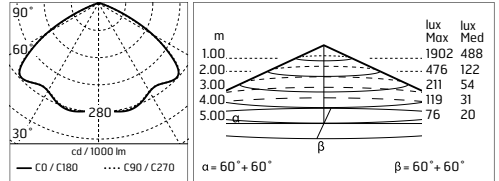
539102
539102-300 Dimmable Dali
539102-310 Dimmable 1-10
 White 2700K
 lm LED 7446 ≠ lm OUTPUT 5893

539003
539003-300 Dimmable Dali
539003-310 Dimmable 1-10
 White 3000K
 lm LED 8006 ≠ lm OUTPUT 6337

539002
539002-300 Dimmable Dali
539002-310 Dimmable 1-10
 White 4000K
 lm LED 8524 ≠ lm OUTPUT 6748



Smart city version on request



@4000K

IP65

Dooku600 - Pole Ø 76 mm - Single Top Pole - Asymmetric optic

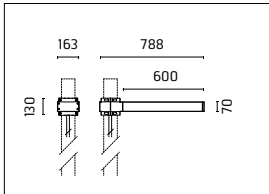
Light Source: Power LED / 67,2W / Total power 78W / CRI>80 / 220÷240V / Integral electronic power supply



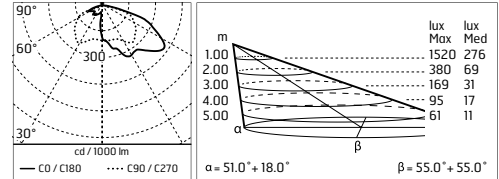
539140
539140-300 Dimmable Dali
539140-310 Dimmable 1-10
 White 2700K
 lm LED 7446 ≠ lm OUTPUT 5705

539158
539158-300 Dimmable Dali
539158-310 Dimmable 1-10
 White 3000K
 lm LED 8006 ≠ lm OUTPUT 5881

539176
539176-300 Dimmable Dali
539176-310 Dimmable 1-10
 White 4000K
 lm LED 8524 ≠ lm OUTPUT 6263



Smart city version on request



@4000K

IP65

Dooku600 - Pole Ø 76mm - Single Top Pole - Street Light Optic

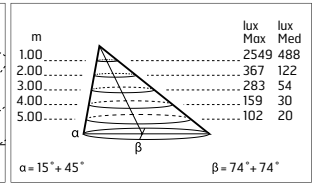
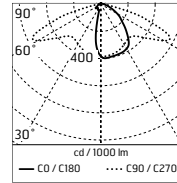
Light Source: Power LED / 67,2W / Total power 78W / CRI>80 / 220÷240V / Integral electronic power supply



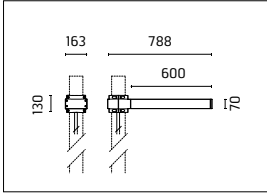
539104
539104-300 Dimmable Dali
539104-310 Dimmable 1-10
 White 2700K
 lm LED 7446 ≈ lm OUTPUT 5454

539006
539006-300 Dimmable Dali
539006-310 Dimmable 1-10
 White 3000K
 lm LED 8006 ≈ lm OUTPUT 5864

539005
539005-300 Dimmable Dali
539005-310 Dimmable 1-10
 White 4000K
 lm LED 8524 ≈ lm OUTPUT 6243



@4000K



Smart city version on request

IP65

Dooku600 - Pole Ø 76mm - Single Top Pole - Street Light Optic (Foot and Cycle Paths)

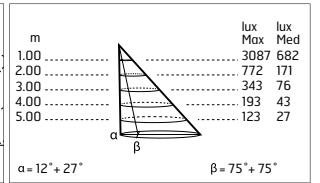
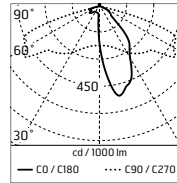
Light Source: Power LED / 67,2W / Total power 78W / CRI>80 / 220÷240V / Integral electronic power supply



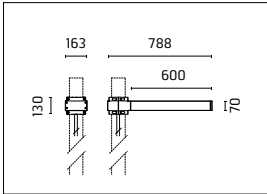
539106
539106-300 Dimmable Dali
539106-310 Dimmable 1-10
 White 2700K
 lm LED 7446 ≈ lm OUTPUT 5487

539009
539009-300 Dimmable Dali
539009-310 Dimmable 1-10
 White 3000K
 lm LED 8006 ≈ lm OUTPUT 5900

539008
539008-300 Dimmable Dali
539008-310 Dimmable 1-10
 White 4000K
 lm LED 8524 ≈ lm OUTPUT 6282



@4000K



Smart city version on request

IP65

Dooku600 - Pole Ø 76 mm - Double Top Pole - 120° (Wide Spaces - Public Areas - Parking Areas)

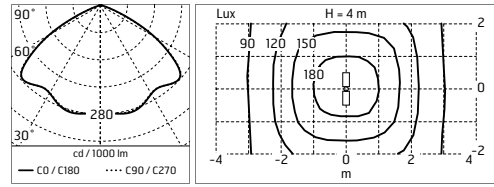
Light Source: Power LED / 2x67,2W / Total power 2x78W / CRI>80 / 220÷240V / Integral electronic power supply



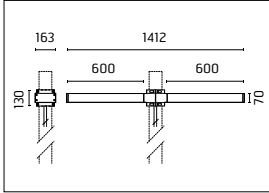
539108
539108-300 Dimmable Dali
539108-310 Dimmable 1-10
 White 2700K
 lm LED 2x7446 ≠ lm OUTPUT 2x5893

539012
539012-300 Dimmable Dali
539012-310 Dimmable 1-10
 White 3000K
 lm LED 2x8006 ≠ lm OUTPUT 2x6337

539011
539011-300 Dimmable Dali
539011-310 Dimmable 1-10
 White 4000K
 lm LED 2x8524 ≠ lm OUTPUT 2x6748



@4000K



Smart city version on request

IP65

Dooku600 - Pole Ø 76 mm - Double Top Pole - Asymmetric optic

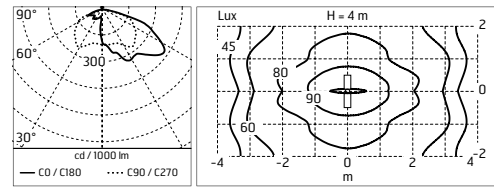
Light Source: Power LED / 2x67,2W / Total power 2x78W / CRI>80 / 220÷240V / Integral electronic power supply



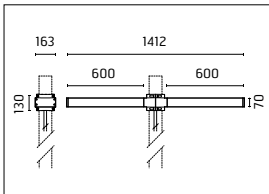
539142
539142-300 Dimmable Dali
539142-310 Dimmable 1-10
 White 2700K
 lm LED 2x7446 ≠ lm OUTPUT 2x5705

539160
539160-300 Dimmable Dali
539160-310 Dimmable 1-10
 White 3000K
 lm LED 2x8006 ≠ lm OUTPUT 2x5881

539178
539178-300 Dimmable Dali
539178-310 Dimmable 1-10
 White 4000K
 lm LED 2x8524 ≠ lm OUTPUT 2x6263



@4000K



Smart city version on request

IP65

Dooku600 - Pole Ø 76mm - Double Top Pole - Street Light Optic

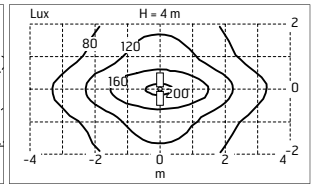
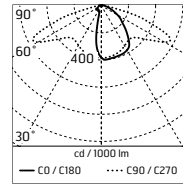
Light Source: Power LED / 2x67,2W / Total power 2x78W / CRI>80 / 220±240V / Integral electronic power supply



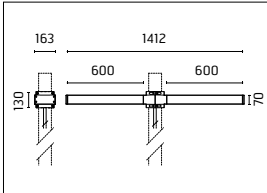
539110
539110-300 Dimmable Dali
539110-310 Dimmable 1-10
 White 2700K
 lm LED 2x7446 ≠ lm OUTPUT 2x5454

539015
539015-300 Dimmable Dali
539015-310 Dimmable 1-10
 White 3000K
 lm LED 2x8006 ≠ lm OUTPUT 2x5864

539014
539014-300 Dimmable Dali
539014-310 Dimmable 1-10
 White 4000K
 lm LED 2x8524 ≠ lm OUTPUT 2x6243



@4000K



Smart city version on request



Dooku600 - Pole Ø 76mm - Double Top Pole - Street Light Optic (Foot and Cycle Paths)

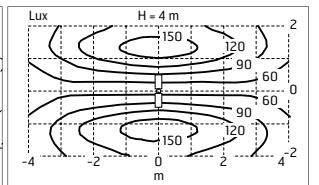
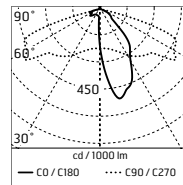
Light Source: Power LED / 2x67,2W / Total power 2x78W / CRI>80 / 220±240V / Integral electronic power supply



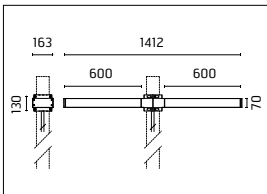
539112
539112-300 Dimmable Dali
539112-310 Dimmable 1-10
 White 2700K
 lm LED 2x7446 ≠ lm OUTPUT 2x5487

539018
539018-300 Dimmable Dali
539018-310 Dimmable 1-10
 White 3000K
 lm LED 2x8006 ≠ lm OUTPUT 2x5900

539017
539017-300 Dimmable Dali
539017-310 Dimmable 1-10
 White 4000K
 lm LED 2x8524 ≠ lm OUTPUT 2x6282



@4000K



Smart city version on request



Dooku600 - Pole Ø 102mm - Single Top Pole - 120° (Wide Spaces - Public Areas - Parking Areas)

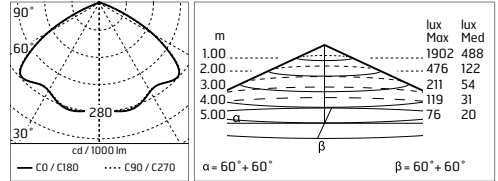
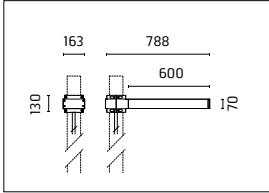
Light Source: Power LED / 67,2W / Total power 78W / CRI>80 / 220÷240V / Integral electronic power supply



539114
539114-300 Dimmable Dali
539114-310 Dimmable 1-10
 White 2700K
 lm LED 7446 ≠ lm OUTPUT 5893

539021
539021-300 Dimmable Dali
539021-310 Dimmable 1-10
 White 3000K
 lm LED 8006 ≠ lm OUTPUT 6337

539020
539020-300 Dimmable Dali
539020-310 Dimmable 1-10
 White 4000K
 lm LED 8524 ≠ lm OUTPUT 6748



@4000K

Smart city version on request

IP65

Dooku600 - Pole Ø 102mm - Single Top Pole - Asymmetric optic

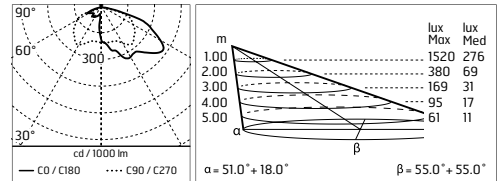
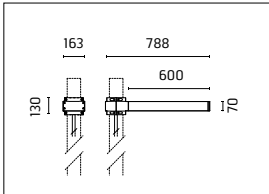
Light Source: Power LED / 67,2W / Total power 78W / CRI>80 / 220÷240V / Integral electronic power supply



539144
539144-300 Dimmable Dali
539144-310 Dimmable 1-10
 White 2700K
 lm LED 7446 ≠ lm OUTPUT 5705

539162
539162-300 Dimmable Dali
539162-310 Dimmable 1-10
 White 3000K
 lm LED 8006 ≠ lm OUTPUT 5881

539180
539180-300 Dimmable Dali
539180-310 Dimmable 1-10
 White 4000K
 lm LED 8524 ≠ lm OUTPUT 6263



@4000K

Smart city version on request

IP65

Dooku600 - Pole Ø 102mm - Single Top Pole - Street Light Optic

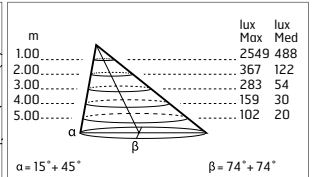
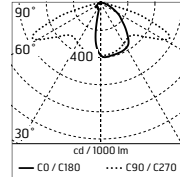
Light Source: Power LED / 67,2W / Total power 78W / CRI >80 / 220÷240V / Integral electronic power supply



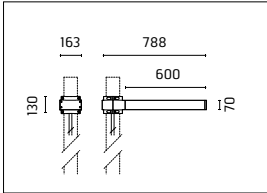
539116
539116-300 Dimmable Dali
539116-310 Dimmable 1-10
 White 2700K
 lm LED 7446 ≈ lm OUTPUT 5454

539024
539024-300 Dimmable Dali
539024-310 Dimmable 1-10
 White 3000K
 lm LED 8006 ≈ lm OUTPUT 5864

539023
539023-300 Dimmable Dali
539023-310 Dimmable 1-10
 White 4000K
 lm LED 8524 ≈ lm OUTPUT 6243



@4000K



Smart city version on request

IP65

Dooku600 - Pole Ø 102mm - Single Top Pole - Street Light Optic (Foot and Cycle Paths)

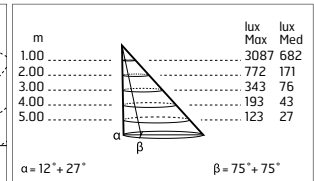
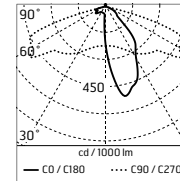
Light Source: Power LED / 67,2W / Total power 78W / CRI >80 / 220÷240V / Integral electronic power supply



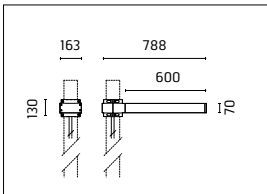
539118
539118-300 Dimmable Dali
539118-310 Dimmable 1-10
 White 2700K
 lm LED 7446 ≈ lm OUTPUT 5487

539027
539027-300 Dimmable Dali
539027-310 Dimmable 1-10
 White 3000K
 lm LED 8006 ≈ lm OUTPUT 5900

539026
539026-300 Dimmable Dali
539026-310 Dimmable 1-10
 White 4000K
 lm LED 8524 ≈ lm OUTPUT 6282



@4000K



Smart city version on request

IP65

Dooku600 - Pole Ø 102mm - Double Top Pole - 120° (Wide Spaces - Public Areas - Parking Areas)

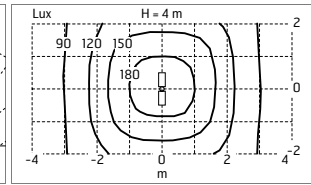
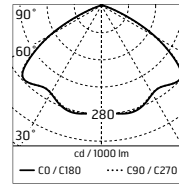
Light Source: Power LED / 2x67,2W / Total power 2x78W / CRI>80 / 220÷240V / Integral electronic power supply



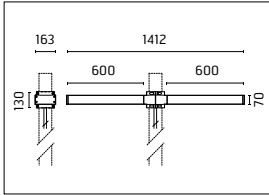
539120
539120-300 Dimmable Dali
539120-310 Dimmable 1-10
 White 2700K
 lm LED 2x7446 ≠ lm OUTPUT 2x5893

539030
539030-300 Dimmable Dali
539030-310 Dimmable 1-10
 White 3000K
 lm LED 2x8006 ≠ lm OUTPUT 2x6337

539029
539029-300 Dimmable Dali
539029-310 Dimmable 1-10
 White 4000K
 lm LED 2x8524 ≠ lm OUTPUT 2x6748



@4000K



Smart city version on request

IP65

Dooku600 - Pole Ø 102mm - Double Top Pole - Asymmetric optic

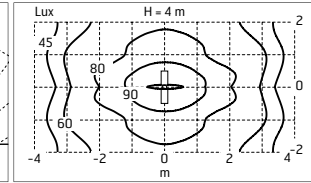
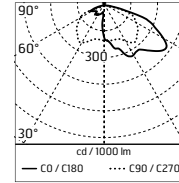
Light Source: Power LED / 2x67,2W / Total power 2x78W / CRI>80 / 220÷240V / Integral electronic power supply



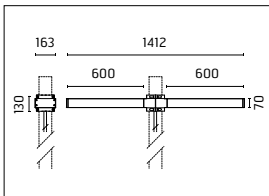
539146
539146-300 Dimmable Dali
539146-310 Dimmable 1-10
 White 2700K
 lm LED 2x7446 ≠ lm OUTPUT 2x5705

539164
539164-300 Dimmable Dali
539164-310 Dimmable 1-10
 White 3000K
 lm LED 2x8006 ≠ lm OUTPUT 2x5881

539182
539182-300 Dimmable Dali
539182-310 Dimmable 1-10
 White 4000K
 lm LED 2x8524 ≠ lm OUTPUT 2x6263



@4000K



Smart city version on request

IP65

Dooku600 - Pole Ø 102mm - Double Top Pole - Street Light Optic

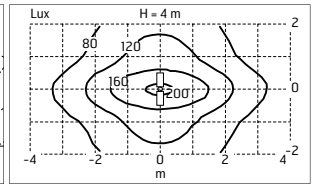
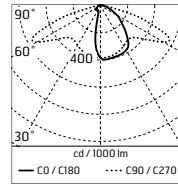
Light Source: Power LED / 2x67,2W / Total power 2x78W / CRI>80 / 220±240V / Integral electronic power supply



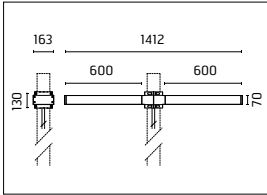
539122
539122-300 Dimmable Dali
539122-310 Dimmable 1-10
 White 2700K
 lm LED 2x7446 ≠ lm OUTPUT 2x5454

539033
539033-300 Dimmable Dali
539033-310 Dimmable 1-10
 White 3000K
 lm LED 2x8006 ≠ lm OUTPUT 2x5864

539032
539032-300 Dimmable Dali
539032-310 Dimmable 1-10
 White 4000K
 lm LED 2x8524 ≠ lm OUTPUT 2x6243



@4000K



Smart city version on request

IP65

Dooku600 - Pole Ø 102mm - Double Top Pole - Street Light Optic (Foot and Cycle Paths)

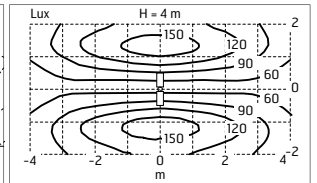
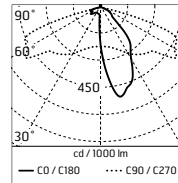
Light Source: Power LED / 2x67,2W / Total power 2x78W / CRI>80 / 220±240V / Integral electronic power supply



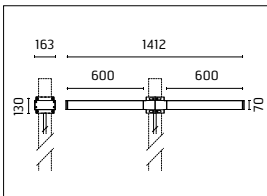
539124
539124-300 Dimmable Dali
539124-310 Dimmable 1-10
 White 2700K
 lm LED 2x7446 ≠ lm OUTPUT 2x5487

539036
539036-300 Dimmable Dali
539036-310 Dimmable 1-10
 White 3000K
 lm LED 2x8006 ≠ lm OUTPUT 2x5900

539035
539035-300 Dimmable Dali
539035-310 Dimmable 1-10
 White 4000K
 lm LED 2x8524 ≠ lm OUTPUT 2x6282



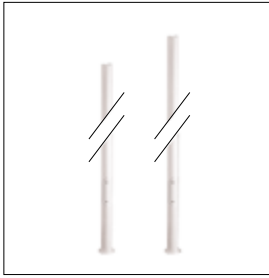
@4000K



Smart city version on request

IP65

Dooku / Ø 76mm - Poles



248
H 3500 mm

249
H 4500 mm

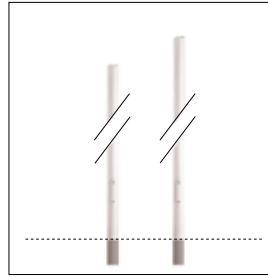
**With Base and Access Door
With Terminal Block 4x1,5-16mmq**



.6 Grey



.3 Anthracite



250
H 3500 mm (+500mm)

251
H 4500 mm (+500mm)

**In-Ground (+500 mm Root) With Access Door
With Terminal Block 4x1,5-16mmq**

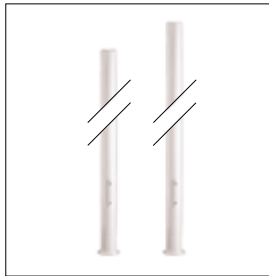


.6 Grey



.3 Anthracite

Dooku / Ø 102mm - Poles



4140
H 4000 mm

4150
H 5000 mm

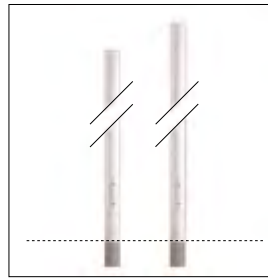
**With Base and Access Door
With Terminal Block 4x1,5-16mmq**



.6 Grey



.3 Anthracite



4145
H 4000 mm (+500mm)

4155
H 5000 mm (+500mm)

**In-Ground (+500 mm Root) With Access Door
With Terminal Block 4x1,5-16mmq**



.6 Grey

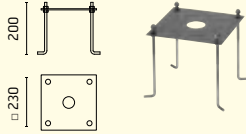


.3 Anthracite

Accessories: Dooku

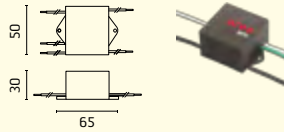
116

BASE PLATE AND FIXING BOLTS
230 x 230 x H 200mm



237

SPD: (SURGE PROTECTION DEVICE)
275Vac
MAXIMUM DISCHARGE CURRENT
10KA (8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNEC-
TION - IP66



acc. code ▶	116
prod. code ▼	
248	●
249	●
250	
251	
4140	●
4145	
4150	●
4155	

acc. code ▶	dimm DALI	dimm 1-10	237
prod. code ▼			
539002	-300	-310	●
539003	-300	-310	●
539005	-300	-310	●
539006	-300	-310	●
539008	-300	-310	●
539009	-300	-310	●
539011	-300	-310	●
539012	-300	-310	●
539014	-300	-310	●
539015	-300	-310	●
539017	-300	-310	●
539018	-300	-310	●
539020	-300	-310	●
539021	-300	-310	●
539023	-300	-310	●
539024	-300	-310	●
539026	-300	-310	●
539027	-300	-310	●
539029	-300	-310	●
539030	-300	-310	●
539032	-300	-310	●
539033	-300	-310	●
539035	-300	-310	●
539036	-300	-310	●
539038	-300	-310	●
539039	-300	-310	●
539041	-300	-310	●
539042	-300	-310	●
539044	-300	-310	●
539045	-300	-310	●
539047	-300	-310	●
539048	-300	-310	●
539050	-300	-310	●
539051	-300	-310	●
539053	-300	-310	●
539054	-300	-310	●

acc. code ▶	dimm DALI	dimm 1-10	237
prod. code ▼			
539056	-300	-310	●
539057	-300	-310	●
539059	-300	-310	●
539060	-300	-310	●
539062	-300	-310	●
539063	-300	-310	●
539065	-300	-310	●
539066	-300	-310	●
539068	-300	-310	●
539069	-300	-310	●
539071	-300	-310	●
539072	-300	-310	●
539074	-300	-310	●
539075	-300	-310	●
539076	-300	-310	●
539078	-300	-310	●
539080	-300	-310	●
539082	-300	-310	●
539084	-300	-310	●
539086	-300	-310	●
539088	-300	-310	●
539090	-300	-310	●
539092	-300	-310	●
539094	-300	-310	●
539096	-300	-310	●
539098	-300	-310	●
539100	-300	-310	●
539102	-300	-310	●
539104	-300	-310	●
539106	-300	-310	●
539108	-300	-310	●
539110	-300	-310	●
539112	-300	-310	●
539114	-300	-310	●
539116	-300	-310	●
539118	-300	-310	●

acc. code ▶	dimm DALI	dimm 1-10	237
prod. code ▼			
539120	-300	-310	●
539122	-300	-310	●
539124	-300	-310	●
539130	-300	-310	●
539132	-300	-310	●
539134	-300	-310	●
539136	-300	-310	●
539138	-300	-310	●
539140	-300	-310	●
539142	-300	-310	●
539144	-300	-310	●
539146	-300	-310	●
539148	-300	-310	●
539150	-300	-310	●
539152	-300	-310	●
539154	-300	-310	●
539156	-300	-310	●
539158	-300	-310	●
539160	-300	-310	●
539162	-300	-310	●
539164	-300	-310	●
539166	-300	-310	●
539168	-300	-310	●
539170	-300	-310	●
539172	-300	-310	●
539174	-300	-310	●
539176	-300	-310	●
539178	-300	-310	●
539180	-300	-310	●
539182	-300	-310	●

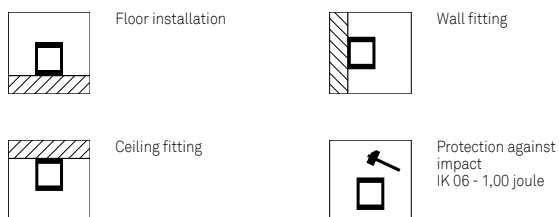
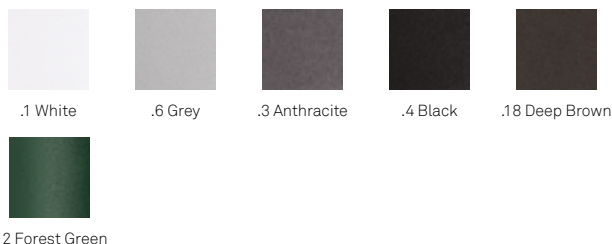


- Adjustable projector for installation on ceiling, wall or floor.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content) and AISI 316L fixing plate. Glass diffuser: extra clear with silkscreen border, fixed to the aluminium through a robotic gluing system. The wiring unit and the emitting unit are connected by an adjustable junction.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN60598-1 standards
- Class of insulation: I
- Installation: the luminaire is for direct connection to 220-230V with a LED module set to work directly connected to the mains. The luminaire is equipped with an AISI316L stainless steel fixing plate for installation on surface and IP68 connector (6\times8mm cable). Ground spike available on request.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

A++
A+
A

LED VERSION:
Class A/A+/A++
Luminaire supplied with integrated LED modules that cannot be replaced

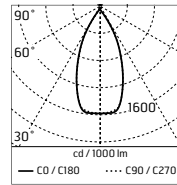
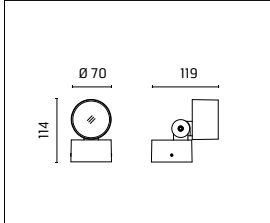


Kirk70 - Adjustable - 50° - Direct 230V

Light Source: CoB LED / 4,5W / Total power 6W / CRI>80 / 220÷240V



540001.A
 White 3000K
 Lm LED 350 ≈ Im OUTPUT 244
 LED module set up to work
 directly connected to the mains



m	lux	
	Max	Med
1.00	339	196
2.00	85	49
3.00	38	22
4.00	21	12
5.00	14	8

$\alpha = 25.0^\circ + 25.0^\circ$ $\beta = 25.0^\circ + 25.0^\circ$

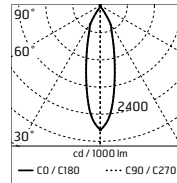
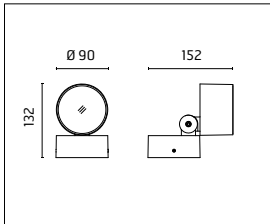
IP65

Kirk90 - Adjustable - 30° - Direct 230V

Light Source: CoB LED / 10W / Total power 12W / CRI >80 / 220÷240V



540002
 White 3000K
 Lm LED 951 ≈ Im OUTPUT 713
 LED module set up to work
 directly connected to the mains



m	lux	
	Max	Med
1.00	1977	1195
2.00	494	299
3.00	220	133
4.00	124	75
5.00	79	48

$\alpha = 15.0^\circ + 15.0^\circ$ $\beta = 15.0^\circ + 15.0^\circ$

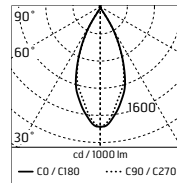
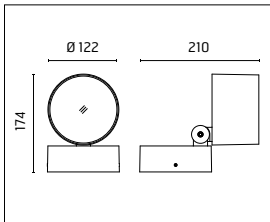
IP65

Kirk120 - Adjustable - 40° - Direct 230V

Light Source: CoB LED / 22W / Total power 24W / CRI >80 / 220÷240V



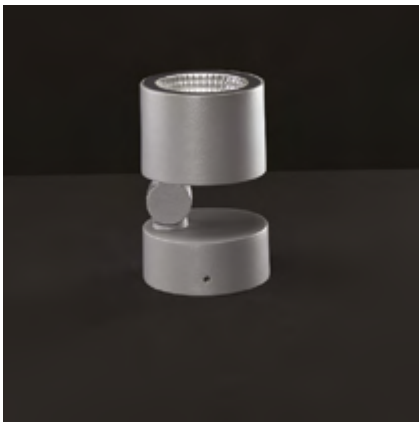
540003
 White 3000K
 Lm LED 2303 ≈ Im OUTPUT 1610
 LED module set up to work
 directly connected to the mains



m	lux	
	Max	Med
1.00	2849	1592
2.00	712	398
3.00	317	177
4.00	178	100
5.00	114	64

$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$

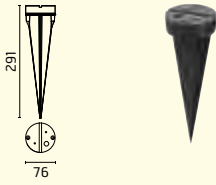
IP65



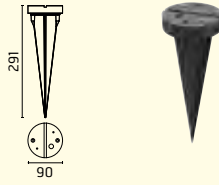


Accessories: Kirk

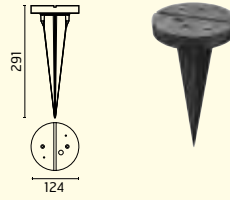
264
GROUND SPIKE - Ø 70mm



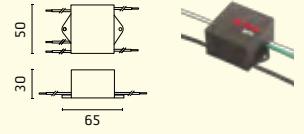
266
GROUND SPIKE - Ø 90mm



268
GROUND SPIKE - Ø 130mm



237
SPD: (SURGE PROTECTION DEVICE)
275Vac
MAXIMUM DISCHARGE CURRENT 10KA
(8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNECTION
- IP66



acc. code ▶	264	266	268	237
540001.A	•			•
540002		•		•
540003			•	•



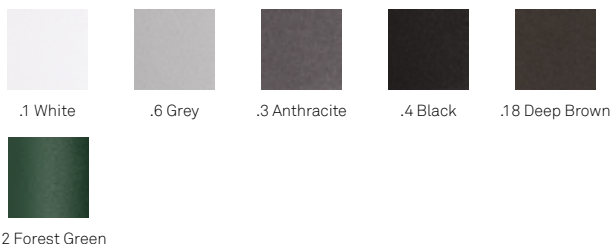
SPOCK

- Adjustable projector for installation on ceiling, wall or floor.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content) and AISI 316L stainless steel fixing bracket, fixed through a robotic gluing system. The luminaire has three connected parts: wiring unit (silicone gasket), heat sink and emitting unit (silicone glue). A graduated fixing plate allows a precise adjustment of the emitting unit.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP66
- In compliance with EN60598-1 standards
- Class of insulation: I
- Installation: the luminaire is equipped with 1000mm of cable for an easy-to-make connection.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

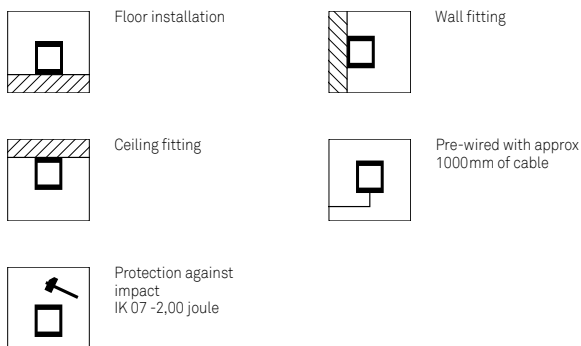
EU Regulation 874/2012 - Illumination equipment energy classes

A++
A+
A

LED VERSION:
Class A/A+/A++
Luminaire supplied with integrated LED modules that cannot be replaced



*AISI 316L stainless steel fixing bracket not painted.

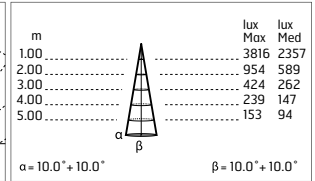
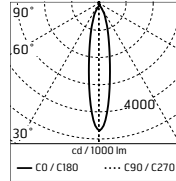


Spock75 - Adjustable - 20°

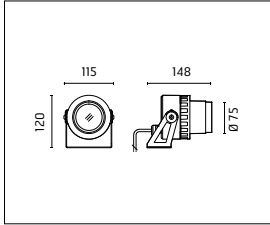
Light Source: CoB LED / 9W / Total power 12W / CRI>80 / 220÷240V / Integral electronic power supply



- 541023**
White 2700K
Lm LED 1005 ≈ Lm OUTPUT 725
- 541003**
White 3000K
Lm LED 1081 ≈ Lm OUTPUT 780
- 541002**
White 4000K
Lm LED 1124 ≈ Lm OUTPUT 811



@4000K



Dimmable on request

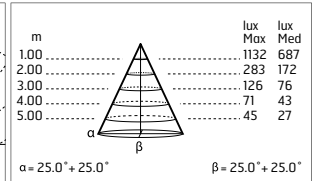
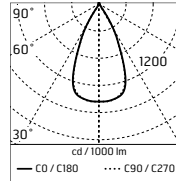
IP66

Spock75 - Adjustable - 50°

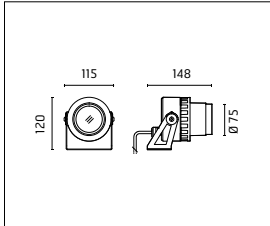
Light Source: CoB LED / 9W / Total power 12W / CRI>80 / 220÷240V / Integral electronic power supply



- 541026**
White 2700K
Lm LED 1005 ≈ Lm OUTPUT 697
- 541006**
White 3000K
Lm LED 1081 ≈ Lm OUTPUT 749
- 541005**
White 4000K
Lm LED 1124 ≈ Lm OUTPUT 778



@4000K



Dimmable on request

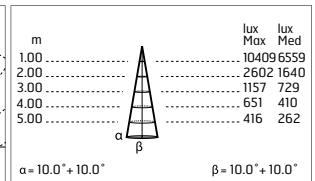
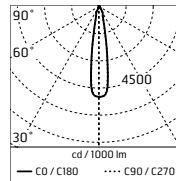
IP66

Spock95 - Adjustable - 20°

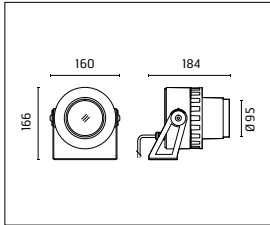
Light Source: CoB LED / 24W / Total power 29W / CRI>80 / 220÷240V / Integral electronic power supply



- 541028**
White 2700K
Lm LED 3022 ≈ Lm OUTPUT 2141
- 541008**
White 3000K
Lm LED 3249 ≈ Lm OUTPUT 2302
- 541007**
White 4000K
Lm LED 3408 ≈ Lm OUTPUT 2415



@4000K



Dimmable on request

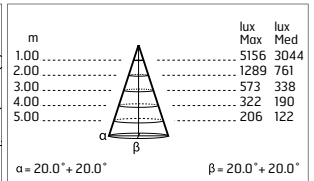
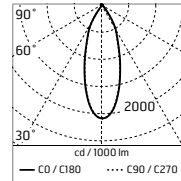
IP66

Spock95 CoB LED - Adjustable - 40°

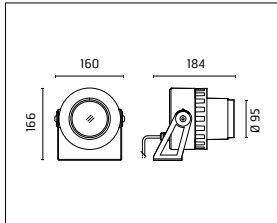
Light Source: CoB LED / 24W / Total power 29W / CRI>80 / 220÷240V / Integral electronic power supply



- 541030**
White 2700K
Lm LED 3022 ≠ Lm OUTPUT 2153
- 541010**
White 3000K
Lm LED 3249 ≠ Lm OUTPUT 2315
- 541009**
White 4000K
Lm LED 3408 ≠ Lm OUTPUT 2428



@4000K



Dimmable on request

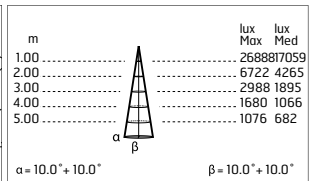
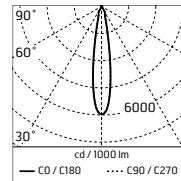
IP66

Spock130 CoB LED - Adjustable - 20°

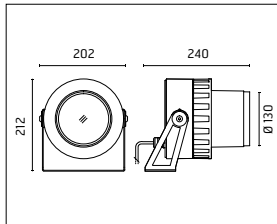
Light Source: CoB LED / 45W / Total power 52W / CRI>80 / 220÷240V / Integral electronic power supply



- 541032**
White 2700K
Lm LED 5408 ≠ Lm OUTPUT 4059
- 541012**
White 3000K
Lm LED 5815 ≠ Lm OUTPUT 4365
- 541011**
White 4000K
Lm LED 5963 ≠ Lm OUTPUT 4477



@4000K



Dimmable on request

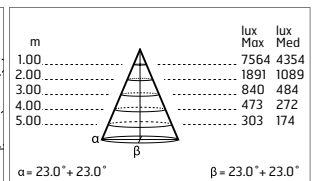
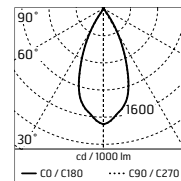
IP66

Spock130 CoB LED - Adjustable - 45°

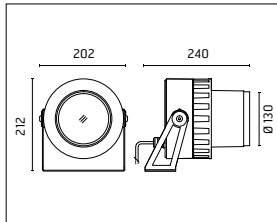
Light Source: CoB LED / 45W / Total power 52W / CRI>80 / 220÷240V / Integral electronic power supply



- 541034**
White 2700K
Lm LED 5408 ≠ Lm OUTPUT 3981
- 541014**
White 3000K
Lm LED 5815 ≠ Lm OUTPUT 4281
- 541013**
White 4000K
Lm LED 5963 ≠ Lm OUTPUT 4390



@4000K



Dimmable on request

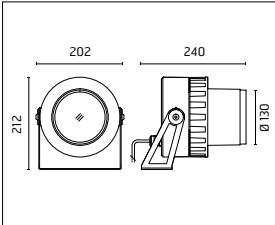
IP66

Spock130 CoB LED TUNABLE WHITE DALI - Adjustable - 20° - Micro-texturized glass

Light Source: CoB LED / 31W / Total power 38W / CRI>80 / 120-240V / Integral electronic DALI power supply



541100
Tunable White 2700K ÷ 5700K
Lm LED 2840 ≠ Lm OUTPUT 2200



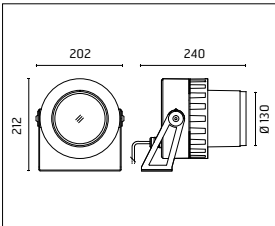
IP66   CE

Spock130 CoB LED TUNABLE WHITE DALI - Adjustable - 40° - Micro-texturized glass

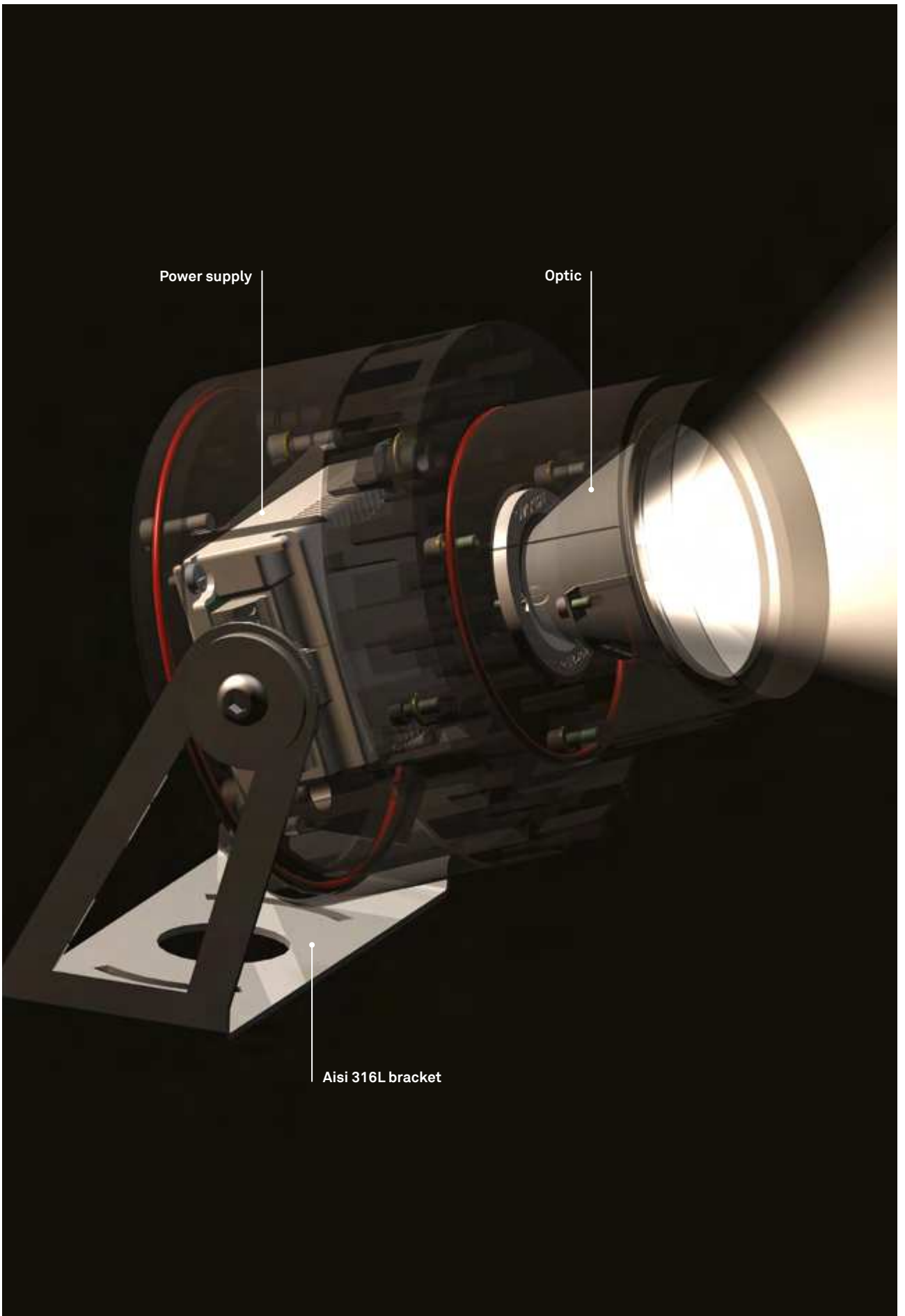
Light Source: CoB LED / 31W / Total power 38W / CRI>80 / 120-240V / Integral electronic DALI power supply



541102
Tunable White 2700K ÷ 5700K
Lm LED 2840 ≠ Lm OUTPUT 2250



IP66   CE



Power supply

Optic

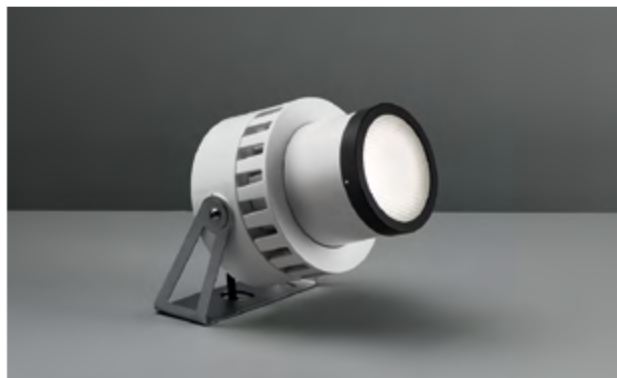
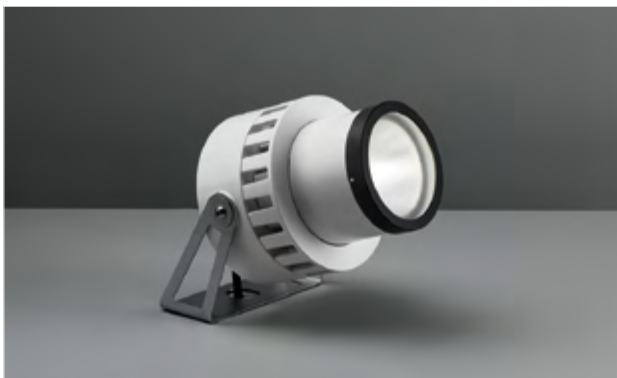
Aisi 316L bracket

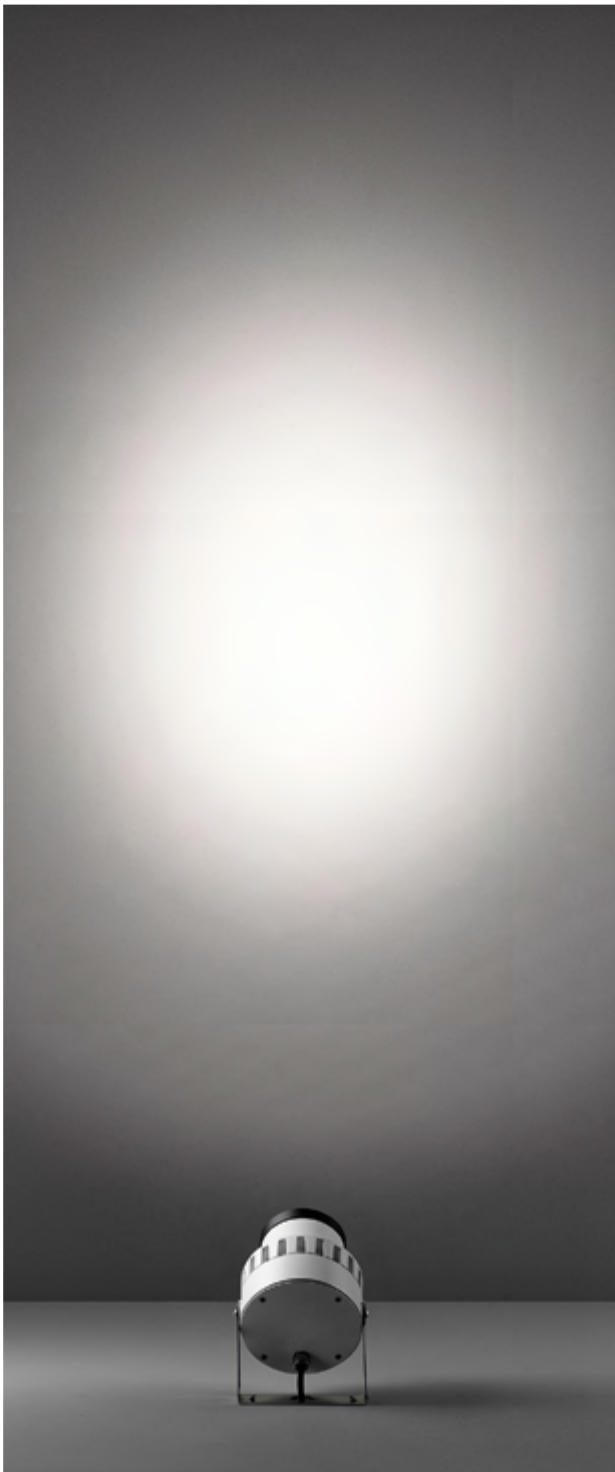


SPOCK + "FLOOD DIFFUSER"



SPOCK + "ELLIPTICAL LENS"

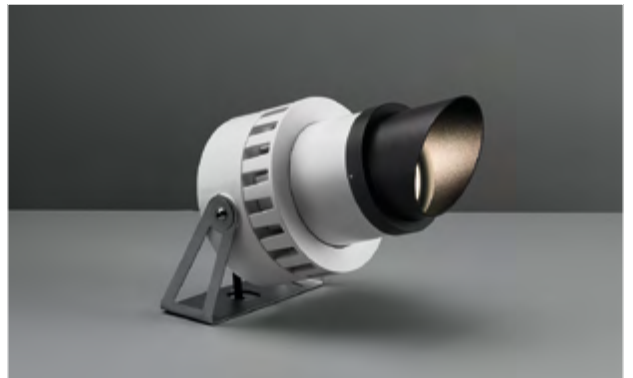
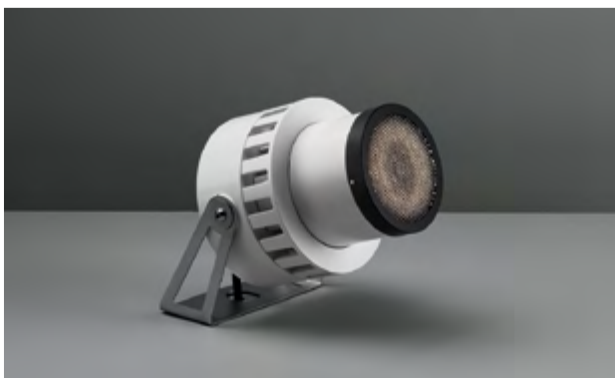


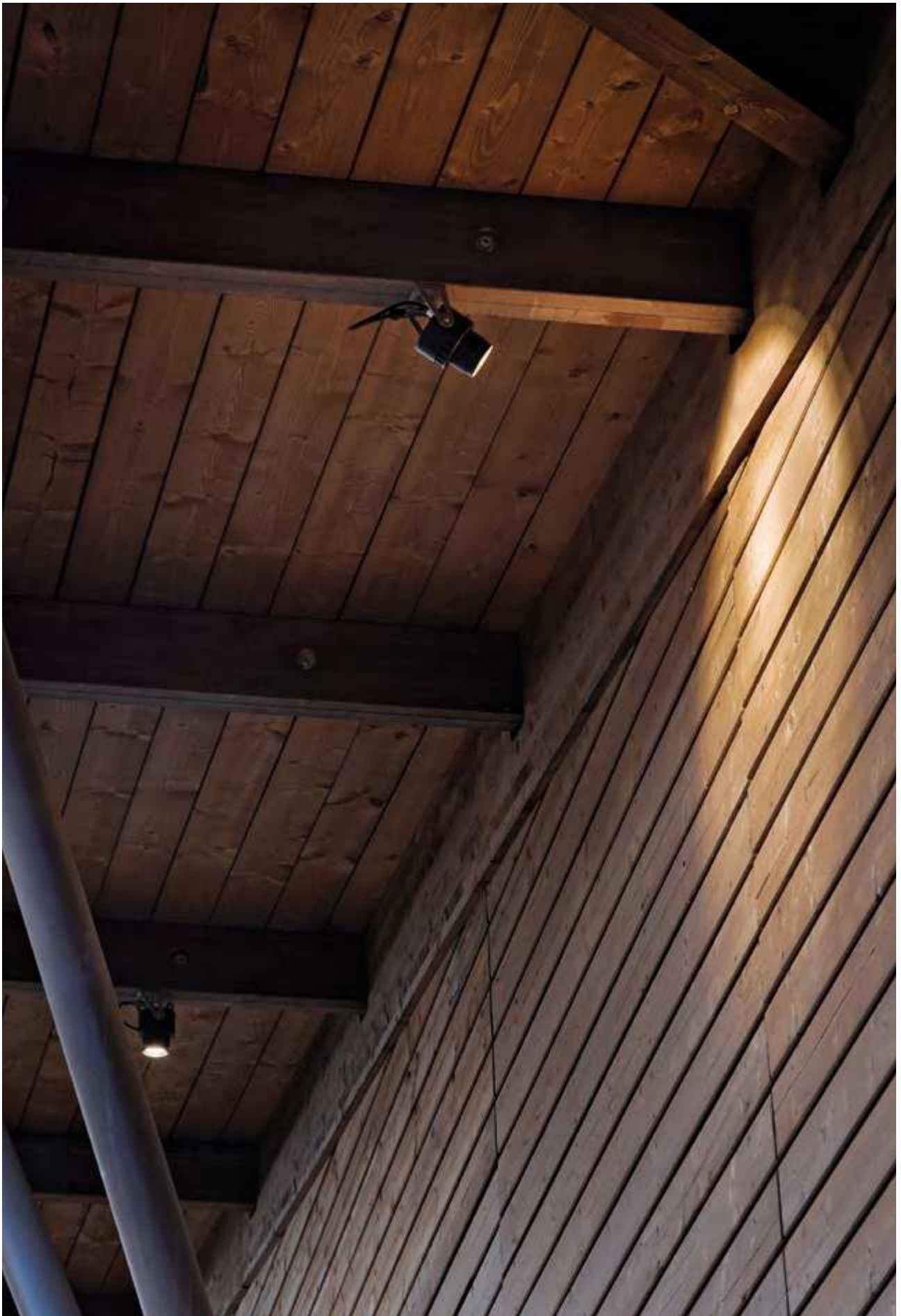


SPOCK + "ANTI-GLARE LOUVRE"



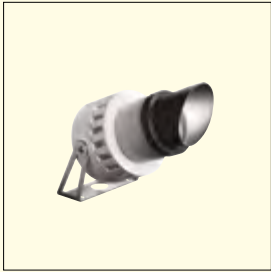
SPOCK + "VISOR"



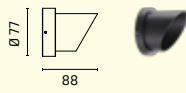




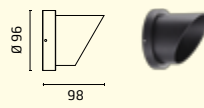
Accessories: Spock



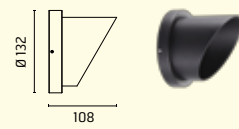
205.4
VISOR Ø 75



206.4
VISOR Ø 95



207.4
VISOR Ø 130



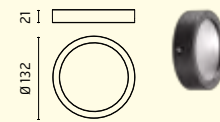
208.4
FLOOD DIFFUSER Ø 75



209.4
FLOOD DIFFUSER Ø 95



210.4
FLOOD DIFFUSER Ø 130



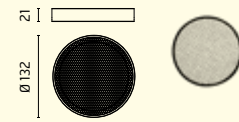
211.4
ANTI-GLARE LOUVRE Ø 75



212.4
ANTI-GLARE LOUVRE Ø 95



213.4
ANTI-GLARE LOUVRE Ø 130



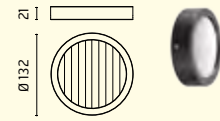
261.4
ELLIPTICAL LENS Ø 75



262.4
ELLIPTICAL LENS Ø 95

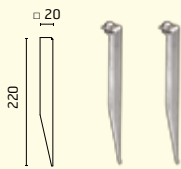


263.4
ELLIPTICAL LENS Ø 130

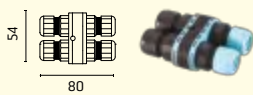


Accessories: Spock

203
KIT OF 2 GROUND SPIKES - H 220mm



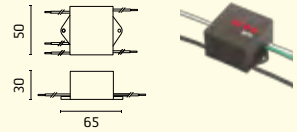
215
3/4 WAY TERMINAL BLOCK 4 POLES
IP68 H₂O STOP (Ø5,5÷12mm CABLE)



236
2 WAY TERMINAL BLOCK 4 POLES
IP68 H₂O STOP (Ø5,5÷12mm CABLE)



237
SPD: (SURGE PROTECTION DEVICE)
275Vac
MAXIMUM DISCHARGE CURRENT
10KA (8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNEC-
TION - IP66



acc. code ▶ prod. code ▼	205.4	206.4	207.4	208.4	209.4	210.4	211.4	212.4	213.4	203	215	236	237	261.4	262.4	263.4
541002	•			•			•			•	•	•	•	•		
541003	•			•			•			•	•	•	•	•		
541005	•			•			•			•	•	•	•	•		
541006	•			•			•			•	•	•	•	•		
541007		•			•			•		•	•	•	•		•	
541008		•			•			•		•	•	•	•		•	
541009		•			•			•		•	•	•	•		•	
541010		•			•			•		•	•	•	•		•	
541011			•			•			•	•	•	•	•			•
541012			•			•			•	•	•	•	•			•
541013			•			•			•	•	•	•	•			•
541014			•			•			•	•	•	•	•			•
541023	•			•			•			•	•	•	•	•		
541026	•			•			•			•	•	•	•	•		
541028		•			•			•		•	•	•	•		•	
541030		•			•			•		•	•	•	•		•	
541032			•			•			•	•	•	•	•			•
541034			•			•			•	•	•	•	•			•
541100			•			•			•	•	•	•	•			•
541102			•			•			•	•	•	•	•			•

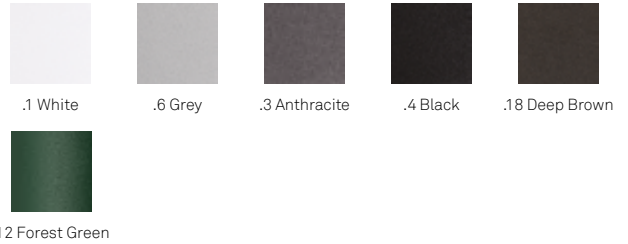


- Adjustable projector for installation on wall, ceiling or floor.
- Configuration: turned aluminium body (EN AW 6060) and AISI 316L stainless steel fixing bracket. Glass diffuser: extra clear with silkscreen border, fixed to the body through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN60598-1 standards
- Class of insulation: III
- Installation: the luminaire is supplied with 2000 mm neoprene cable for an easy-to-make connection. It is equipped with a dc / dc highly efficient resin-coated converter that removes electromagnetic interference and allows parallel wiring and is protected against polarity reversal and sudden voltage peak. The version on pole is equipped with a 2-way terminal block for 3-conductor cables – H2O STOP.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

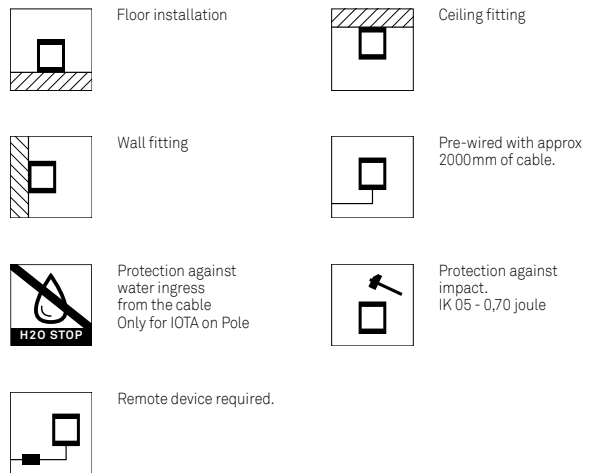
EU Regulation 874 / 2012 - Illumination equipment energy classes

A++
A+
A

LED VERSION:
Class A/A+/A++
Luminaire supplied with integrated LED modules that cannot be replaced



*AISI 316L stainless steel fixing bracket not painted; pole and wall bracket versions with AISI 316L stainless steel bracket painted.

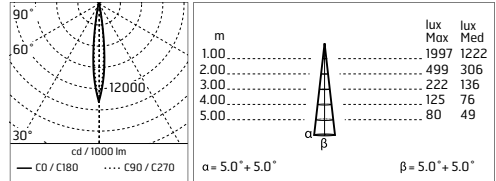


Iota - Adjustable - 10°

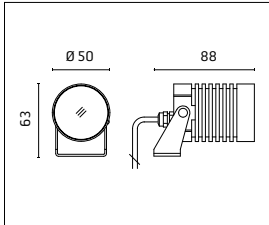
Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



- 513080**
White 2700K
Lm LED 169 ≠ Lm OUTPUT 118
- 513003**
White 3000K
Lm LED 182 ≠ Lm OUTPUT 127
- 513002**
White 4000K
Lm LED 198 ≠ Lm OUTPUT 138



@4000K



Dimmable on request

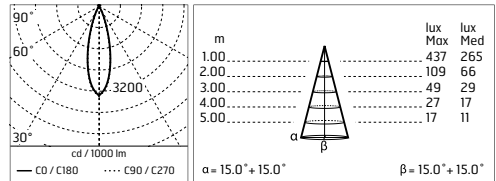
IP65

Iota - Adjustable - 30°

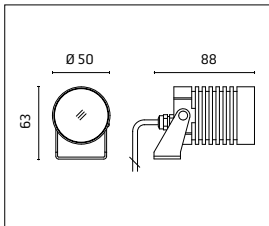
Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



- 513082**
White 2700K
Lm LED 169 ≠ Lm OUTPUT 106
- 513013**
White 3000K
Lm LED 182 ≠ Lm OUTPUT 114
- 513012**
White 4000K
Lm LED 198 ≠ Lm OUTPUT 125



@4000K



Dimmable on request

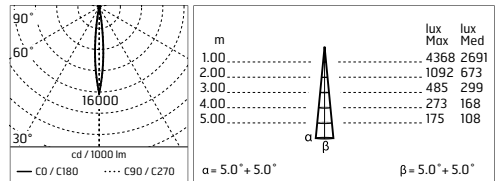
IP65

Iota - Adjustable - 10°

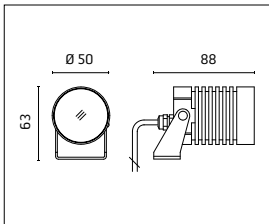
Light Source: Power LED / 3,3W / Total power 4,5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



- 513084**
White 2700K
Lm LED 307 ≠ Lm OUTPUT 219
- 513023**
White 3000K
Lm LED 330 ≠ Lm OUTPUT 236
- 513022**
White 4000K
Lm LED 360 ≠ Lm OUTPUT 258



@4000K



Dimmable on request

IP65

Iota - Adjustable - 30°

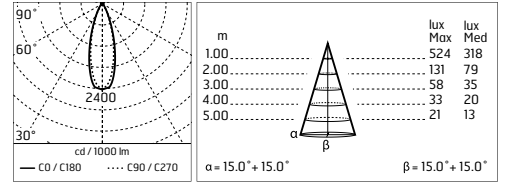
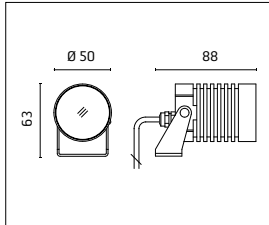
Light Source: Power LED / 3,3W / Total power 4,5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



513086
White 2700K
Lm LED 307 ≈ Lm OUTPUT 176

513033
White 3000K
Lm LED 330 ≈ Lm OUTPUT 189

513032
White 4000K
Lm LED 360 ≈ Lm OUTPUT 207



Dimmable on request

IP65

Iota - Pole H.500 mm - Adjustable - 10°

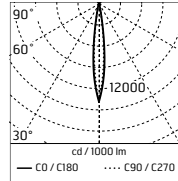
Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



513088
White 2700K
Lm LED 169 ≠ Lm OUTPUT 118

513036
White 3000K
Lm LED 182 ≠ Lm OUTPUT 127

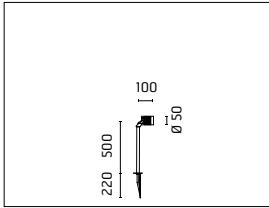
513035
White 4000K
Lm LED 198 ≠ Lm OUTPUT 138



m	lux	
	Max	Med
1.00	1997	1222
2.00	499	306
3.00	222	136
4.00	125	76
5.00	80	49

$\alpha = 5.0^\circ + 5.0^\circ$ $\beta = 5.0^\circ + 5.0^\circ$

@4000K



Dimmable on request

IP65

Iota - Pole H.500 mm - Adjustable - 30°

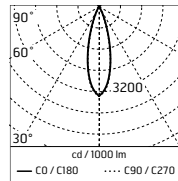
Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



513090
White 2700K
Lm LED 169 ≠ Lm OUTPUT 106

513039
White 3000K
Lm LED 182 ≠ Lm OUTPUT 114

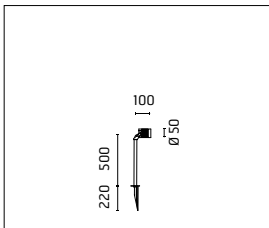
513038
White 4000K
Lm LED 198 ≠ Lm OUTPUT 125



m	lux	
	Max	Med
1.00	437	265
2.00	109	66
3.00	49	29
4.00	27	17
5.00	17	11

$\alpha = 15.0^\circ + 15.0^\circ$ $\beta = 15.0^\circ + 15.0^\circ$

@4000K



Dimmable on request

IP65

Iota - Pole H.900 mm - Adjustable - 10°

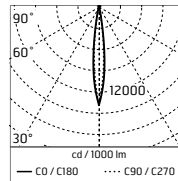
Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



513092
White 2700K
Lm LED 169 ≠ Lm OUTPUT 118

513048
White 3000K
Lm LED 182 ≠ Lm OUTPUT 127

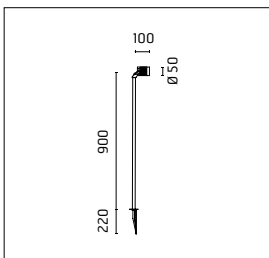
513047
White 4000K
Lm LED 198 ≠ Lm OUTPUT 138



m	lux	
	Max	Med
1.00	1997	1222
2.00	499	306
3.00	222	136
4.00	125	76
5.00	80	49

$\alpha = 5.0^\circ + 5.0^\circ$ $\beta = 5.0^\circ + 5.0^\circ$

@4000K



Dimmable on request

IP65

Iota - Pole H.900 mm - Adjustable - 30°

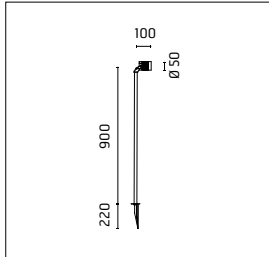
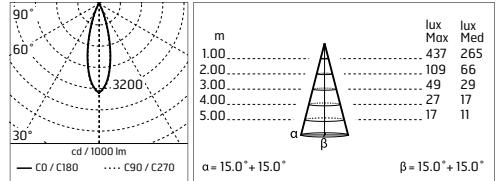
Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



513094
White 2700K
Lm LED 169 ≈ Lm OUTPUT 106

513051
White 3000K
Lm LED 182 ≈ Lm OUTPUT 114

513050
White 4000K
Lm LED 198 ≈ Lm OUTPUT 125



Dimmable on request

IP65

Iota - Wall Bracket L.500 mm - Adjustable - 10°

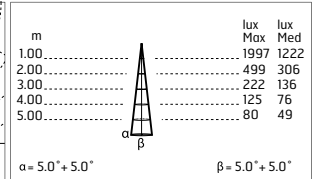
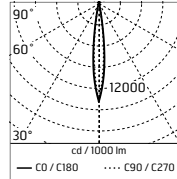
Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



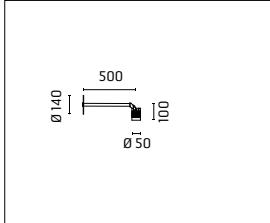
513096
White 2700K
Lm LED 169 ≠ Lm OUTPUT 118

513060
White 3000K
Lm LED 182 ≠ Lm OUTPUT 127

513059
White 4000K
Lm LED 198 ≠ Lm OUTPUT 138



@4000K



Dimmable on request

IP65

Iota - Wall Bracket L.500 mm - Adjustable - 30°

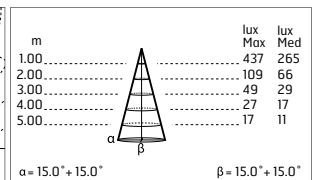
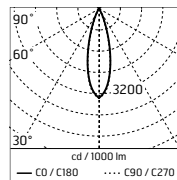
Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



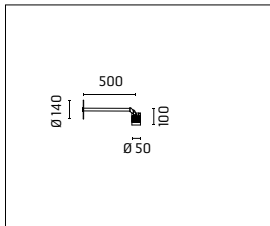
513098
White 2700K
Lm LED 169 ≠ Lm OUTPUT 106

513063
White 3000K
Lm LED 182 ≠ Lm OUTPUT 114

513062
White 4000K
Lm LED 198 ≠ Lm OUTPUT 125



@4000K



Dimmable on request

IP65

Iota - Wall Bracket L.900 mm - Adjustable - 10°

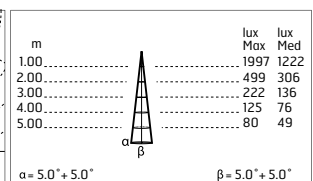
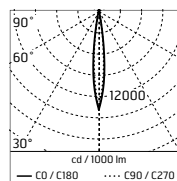
Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



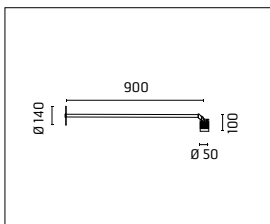
513100
White 2700K
Lm LED 169 ≠ Lm OUTPUT 118

513066
White 3000K
Lm LED 182 ≠ Lm OUTPUT 127

513065
White 4000K
Lm LED 198 ≠ Lm OUTPUT 138



@4000K



Dimmable on request

IP65

Iota - Wall Bracket L.900 mm - Adjustable - 30°

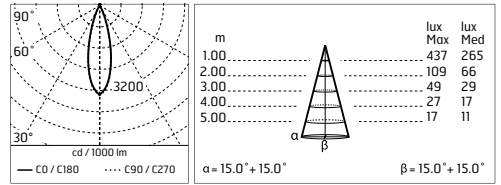
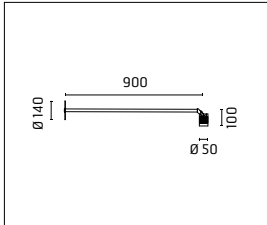
Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



513102
White 2700K
Lm LED 169 ≈ Lm OUTPUT 106

513069
White 3000K
Lm LED 182 ≈ Lm OUTPUT 114

513068
White 4000K
Lm LED 198 ≈ Lm OUTPUT 125



@4000K

Dimmable on request

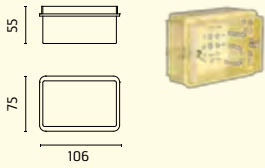
IP65



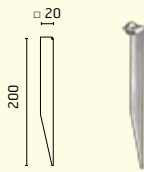


Accessories: Iota

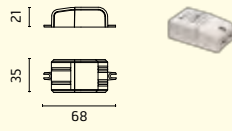
105
3 MODULES RECESSED BOX
106 x 75 H 55mm



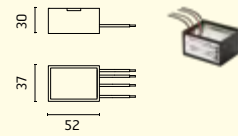
136
GROUND SPIKE - H 200mm



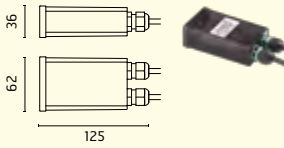
150
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W / 100÷240V
Iout 350mA: 6x1W / 100÷240V
IP20 CLASS II SELV EQ.



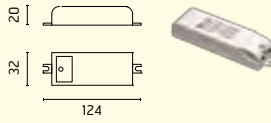
106
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W / 100÷240V
Iout 350mA: 6x1W / 100÷240V
IP65 CLASS II SELV EQ.



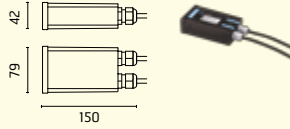
235
POWER SUPPLY 8W / 110÷240V -
24Vdc
IP67 CLASS II SELV EQ.



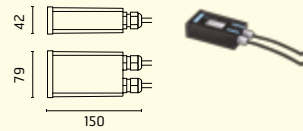
87
POWER SUPPLY 10W / 110÷240V -
24Vdc IP20 CLASS II SELV.



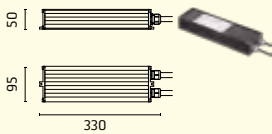
175
POWER SUPPLY 10W / 110÷240V -
24Vdc
IP67 CLASS II SELV.



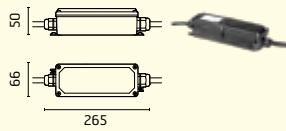
147
POWER SUPPLY 20W / 220÷240V -
24Vdc IP67 CLASS II SELV.



155
POWER SUPPLY 50W / 120÷240V -
24Vdc
IP67 CLASS II SELV.



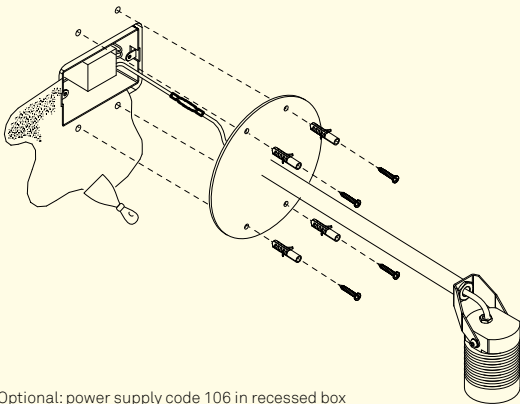
110
POWER SUPPLY 70W / 220÷240V
- 24Vdc
IP67 CLASS II SELV EQ.



215
3 / 4 WAY TERMINAL BLOCK 4 POLES
IP68 H2O STOP (Ø5,5÷12mm CABLE)



Iota wall bracket with box cod.105



Optional: power supply code 106 in recessed box

Accessories: Iota

acc. code ▶ prod. code ▼	105	136	150	106	235	87	175	147	155	110	215
513002		•	1	1		2	2	3	9	17	
513003		•	1	1		2	2	3	9	17	
513012		•	1	1		2	2	3	9	17	
513013		•	1	1		2	2	3	9	17	
513022		•	1	1		2	2		7	14	
513023		•	1	1		2	2		7	14	
513032		•	1	1		2	2		7	14	
513033		•	1	1		2	2		7	14	
513035					1			3	9	17	•
513036					1			3	9	17	•
513038					1			3	9	17	•
513039					1			3	9	17	•
513047					1			3	9	17	•
513048					1			3	9	17	•
513050					1			3	9	17	•
513051					1			3	9	17	•
513059	•		1	1				3	9	17	
513060	•		1	1				3	9	17	
513062	•		1	1				3	9	17	
513063	•		1	1				3	9	17	
513065	•		1	1				3	9	17	
513066	•		1	1				3	9	17	
513068	•		1	1				3	9	17	
513069	•		1	1				3	9	17	
513080		•	1	1		2	2	3	9	17	
513082		•	1	1		2	2	3	9	17	
513084		•	1	1		2	2		7	14	
513086		•	1	1		2	2		7	14	
513088		•	1	1		2	2	3	9	17	•
513090		•	1	1		2	2	3	9	17	•
513092		•	1	1		2	2	3	9	17	•
513094		•	1	1		2	2	3	9	17	•
513096	•		1	1				3	9	17	
513098	•		1	1				3	9	17	
513100	•		1	1				3	9	17	
513102	•		1	1				3	9	17	

Max fixtures for each power supply (Vin 220÷240). Data in the chart are provided as a guide only. Please verify according to your installation.



КОСМОС

М. П. С. П. И. Р. А. С. К. А. С. Т. А. С. К. А. Р. И. Ф. И. А. Ц. И. Я

С. В. А. Б. С. К. О. Г. О. Т. О. Р. С. Т. В. А

PERSEO 4

- Adjustable projector for installation on wall, on pole/ bracket or on floor.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Glass diffuser: extra-clear or sandblasted.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN60598-1 standards
- Class of insulation: II
- Installation: the luminaire is equipped with 700mm cable for an easy-to-make connection. The bracket / pole is supplied with a 2-way terminal block for 3-conductor cables – IP68.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:
Class A / A+ / A++
Luminaire supplied with integrated LED modules that cannot be replaced



.1 White



.6 Grey



.3 Anthracite



.4 Black



.18 Deep Brown



.12 Forest Green



Floor installation



Wall fitting



Installation on pole



Pre-wired with approx 700mm of cable.



Protection against impact.
IK 05 - 0,70 joule

Perseo4 - Transparent Glass - Adjustable - 8°

Light Source: Power LED / 4,4W / Total power 7W / CRI>80 / 100±240V / Integral electronic power supply



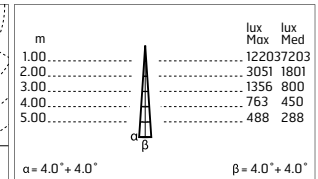
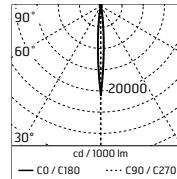
525140
White 2700K
Lm LED 398 ≈ Lm OUTPUT 373



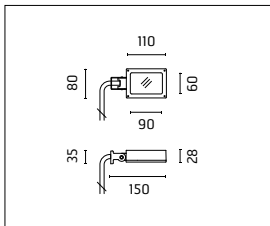
525013
White 3000K
Lm LED 428 ≈ Lm OUTPUT 401



525012
White 4000K
Lm LED 456 ≈ Lm OUTPUT 427



@4000K



IP65

Perseo4 - Transparent Glass - Adjustable - 40°

Light Source: Power LED / 4,4W / Total power 7W / CRI>80 / 100±240V / Integral electronic power supply



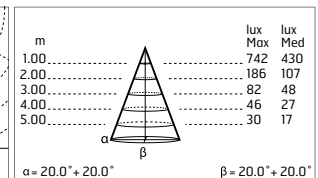
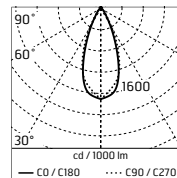
525142
White 2700K
Lm LED 398 ≈ Lm OUTPUT 332



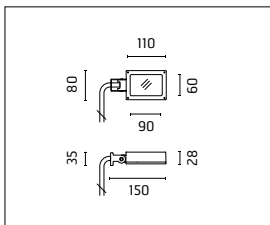
525023
White 3000K
Lm LED 428 ≈ Lm OUTPUT 357



525022
White 4000K
Lm LED 456 ≈ Lm OUTPUT 381



@4000K



IP65

Perseo4 - Adjustable - Sandblasted Glass - Diffused Light

Light Source: Mid-Power LED / 6,6W / Total power 9W / CRI>80 / 100±240V / Integral electronic power supply



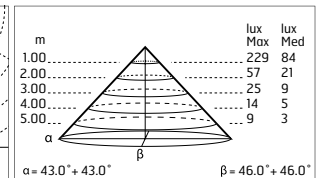
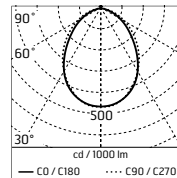
525144
White 2700K
Lm LED 836 ≈ Lm OUTPUT 435



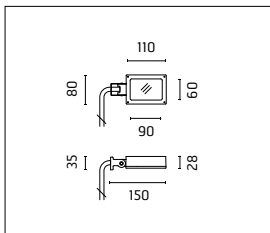
525003
White 3000K
Lm LED 899 ≈ Lm OUTPUT 468



525002
White 4000K
Lm LED 943 ≈ Lm OUTPUT 491

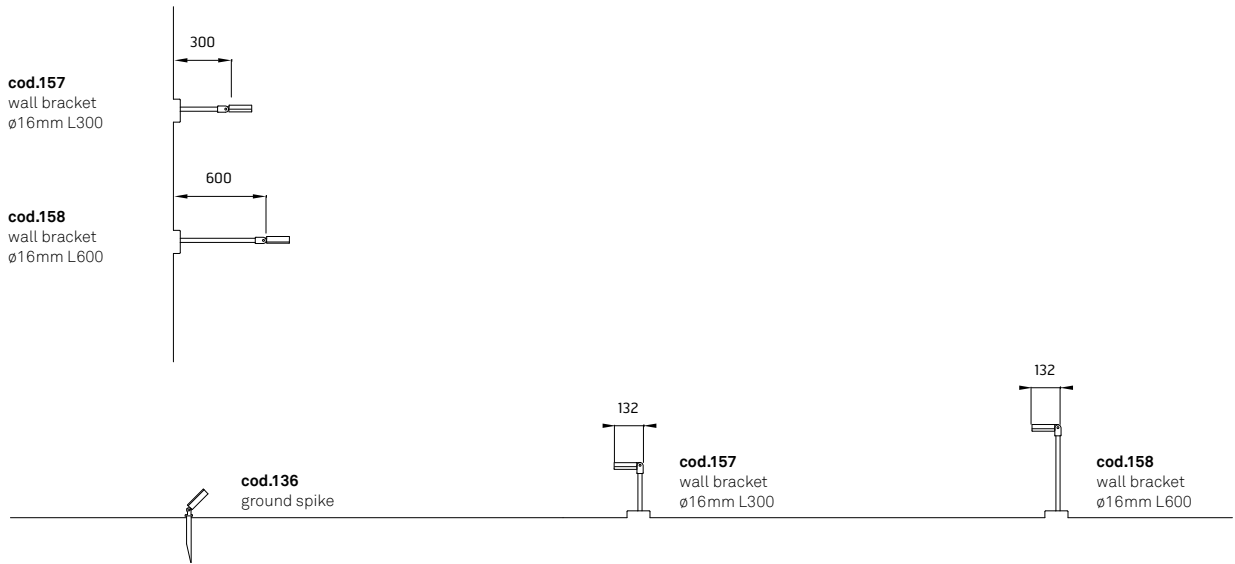


@4000K



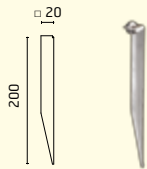
IP65

Installation scheme: Perseo4

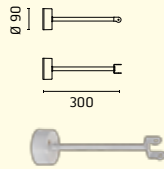


Accessories: Perseo4

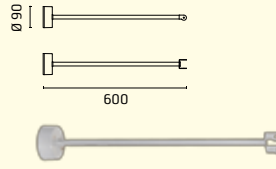
136
GROUND SPIKE - H 200mm



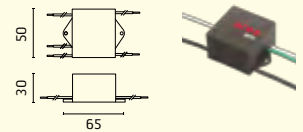
157
WALL BRACKET / POLE 300mm



158
WALL BRACKET / POLE 600mm



237
SPD: (SURGE PROTECTION DEVICE)
275Vac
MAXIMUM DISCHARGE CURRENT
10KA (8 / 20 μ s)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNEC-
TION - IP66



acc. code	▶ 136	157	158	237
525002	•	•	•	•
525003	•	•	•	•
525012	•	•	•	•
525013	•	•	•	•
525022	•	•	•	•
525023	•	•	•	•
525140	•	•	•	•
525142	•	•	•	•
525144	•	•	•	•



PERSEO 9

- Adjustable projector for installation on wall, on pole / bracket or on floor.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Glass diffuser: extra-clear or sandblasted, fixed to the aluminium frame through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN60598-1 standards
- Class of insulation: I
- Installation: the luminaire is equipped with 2000mm cable for an easy-to-make connection. The bracket / pole is supplied with a 2-way terminal block for 3-conductor cables – IP68.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating.
Damages on the coating exposed to outdoor conditions or water, could cause corrosion.
Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:
Class A / A+ / A++
Luminaire supplied with integrated LED modules that cannot be replaced



.1 White



.6 Grey



.3 Anthracite



.4 Black



.18 Deep Brown



.12 Forest Green



Floor installation



Wall fitting



Installation on pole



Pre-wired with approx 2000mm of cable.



Protection against impact.
IK 06 - 1,00 joule

Perseo9 - Transparent Glass - Adjustable - 13°

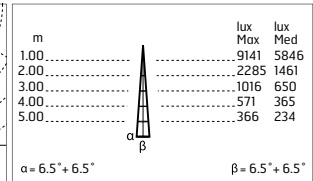
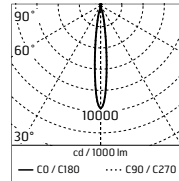
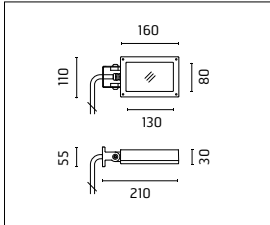
Light Source: Power LED / 9,9W / Total power 12W / CRI>80 / 220÷240V / Integral electronic power supply



525146.A
White 2700K
Lm LED 1256 ≠ Lm OUTPUT 866

525043.A
White 3000K
Lm LED 1395 ≠ Lm OUTPUT 963

525042.A
White 4000K
Lm LED 1465 ≠ Lm OUTPUT 984



@4000K

IP65

Perseo9 - Transparent Glass - Adjustable - 42°

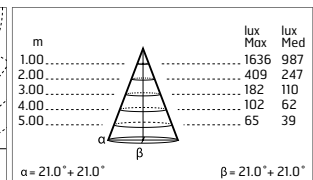
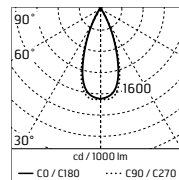
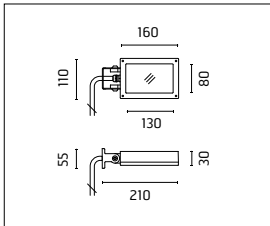
Light Source: Power LED / 9,9W / Total power 12W / CRI>80 / 220÷240V / Integral electronic power supply



525148.A
White 2700K
Lm LED 1256 ≠ Lm OUTPUT 745

525053.A
White 3000K
Lm LED 1395 ≠ Lm OUTPUT 828

525052.A
White 4000K
Lm LED 1465 ≠ Lm OUTPUT 846



@4000K

IP65

Perseo9 - Adjustable - Sandblasted Glass - Diffused Light

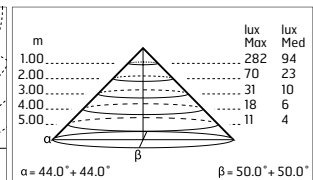
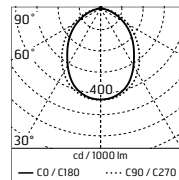
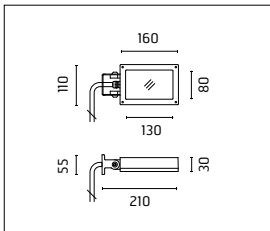
Light Source: Mid-Power LED / 8,8W / Total power 11W / CRI>80 / 220÷240V / Integral electronic power supply



525150
White 2700K
Lm LED 1114 ≠ Lm OUTPUT 580

525033
White 3000K
Lm LED 1198 ≠ Lm OUTPUT 624

525032
White 4000K
Lm LED 1258 ≠ Lm OUTPUT 655



@4000K

IP65

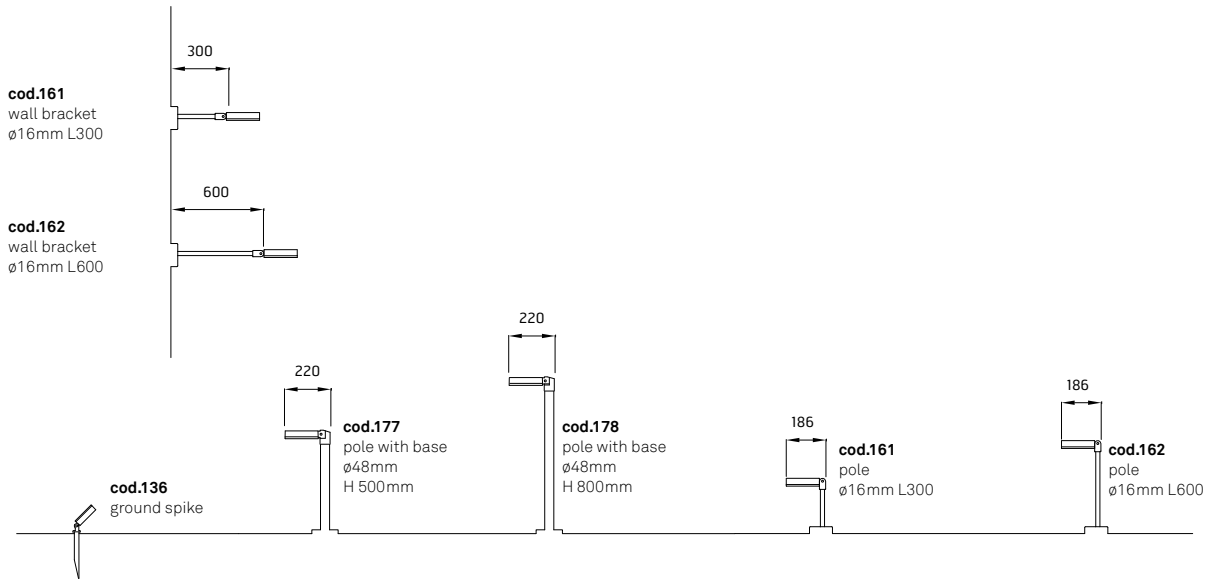
Perseo9 LED / Ø 48mm - Poles With Base



177
H 500 mm

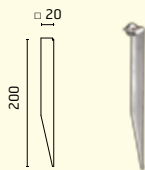
178
H 800 mm

Installation scheme: Perseo9

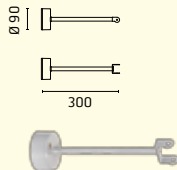


Accessories: Perseo9

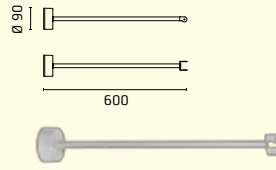
136
GROUND SPIKE - H 200mm



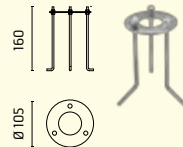
161
WALL BRACKET / POLE 300mm



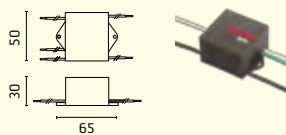
162
WALL BRACKET / POLE 600mm



182
BASE PLATE AND FIXING BOLTS
Ø 105 x H 160mm



237
SPD: (SURGE PROTECTION DEVICE)
275Vac
MAXIMUM DISCHARGE CURRENT
10KA (8 / 20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNEC-
TION - IP66



acc. code ▶	136	161	162	182	237
prod. code ▼					
177				•	
178				•	
525032	•	•	•		•
525033	•	•	•		•
525042.A	•	•	•		•
525043.A	•	•	•		•
525052.A	•	•	•		•
525053.A	•	•	•		•
525146.A	•	•	•		•
525148.A	•	•	•		•
525150	•	•	•		•



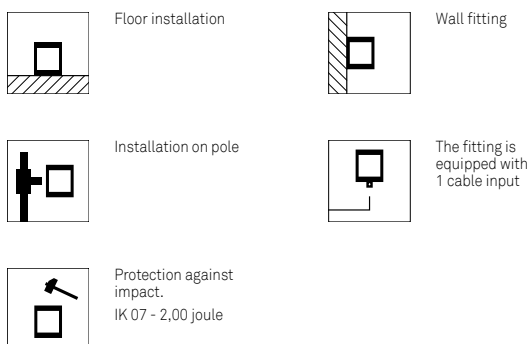
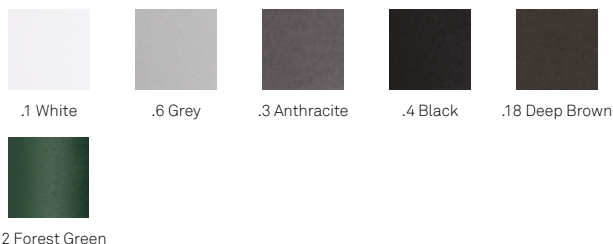
PERSEO 16

- Adjustable projector for installation on wall or on pole.
- Configuration: die-cast aluminium structure. EN AB-47100 alloy (low copper content). Glass diffuser: extra-clear, fixed to the frame through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN60598-1 standards
- Class of insulation: I
- Installation: wiring through an M16x1.5 metal cable gland (4,5mmϕ<math><10\text{mm}</math> cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

A++
A+
A

LED VERSION:
Class A / A+ / A++
Luminaire supplied with integrated LED modules that cannot be replaced



Perseo16 - Adjustable - 11°

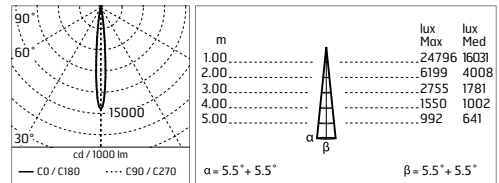
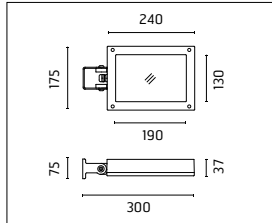
Light Source: Power LED / 17,6W / Total power 20W / CRI>80 / 220÷240V / Integral electronic power supply



525152.A
525152-300.A Dimmable Dali
525152-310.A Dimmable 1-10
 White 2700K
 Lm LED 2232 ≈ Lm OUTPUT 1559

525093.A
525093-300.A Dimmable Dali
525093-310.A Dimmable 1-10
 White 3000K
 Lm LED 2424 ≈ Lm OUTPUT 1732

525092.A
525092-300.A Dimmable Dali
525092-310.A Dimmable 1-10
 White 4000K
 Lm LED 2536 ≈ Lm OUTPUT 1771



@4000K

IP65

Perseo16 - Adjustable - 34°

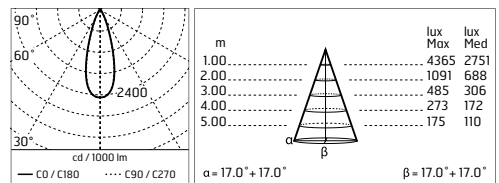
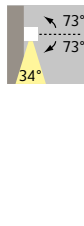
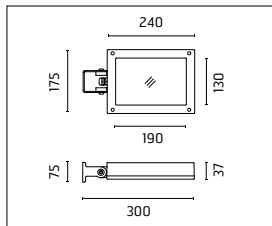
Light Source: Power LED / 17,6W / Total power 20W / CRI>80 / 220÷240V / Integral electronic power supply



525154.A
525154-300.A Dimmable Dali
525154-310.A Dimmable 1-10
 White 2700K
 Lm LED 2232 ≈ Lm OUTPUT 1582

525083.A
525083-300.A Dimmable Dali
525083-310.A Dimmable 1-10
 White 3000K
 Lm LED 2424 ≈ Lm OUTPUT 1757

525082.A
525082-300.A Dimmable Dali
525082-310.A Dimmable 1-10
 White 4000K
 Lm LED 2536 ≈ Lm OUTPUT 1797



@4000K

IP65

Perseo16 - Adjustable - Asymmetric optic

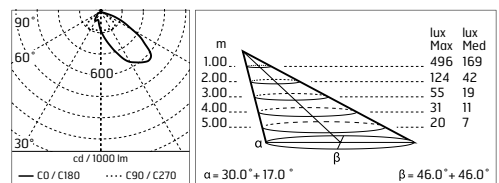
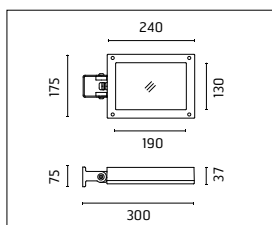
Light Source: Power LED / 17,6W / Total power 20W / CRI>80 / 220÷240V / Integral electronic power supply



525156.A
525156-300.A Dimmable Dali
525156-310.A Dimmable 1-10
 White 2700K
 Lm LED 2232 ≈ Lm OUTPUT 1168

525063.A
525063-300.A Dimmable Dali
525063-310.A Dimmable 1-10
 White 3000K
 Lm LED 2424 ≈ Lm OUTPUT 1298

525062.A
525062-300.A Dimmable Dali
525062-310.A Dimmable 1-10
 White 4000K
 Lm LED 2536 ≈ Lm OUTPUT 1327



@4000K

IP65

Perseo16 - Adjustable - Street light optic 120°

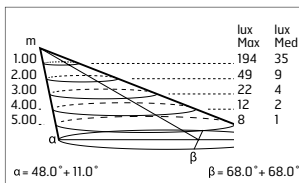
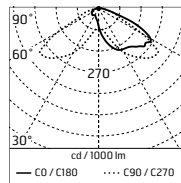
Light Source: Power LED / 17,6W / Total power 20W / CRI>80 / 220÷240V / Integral electronic power supply



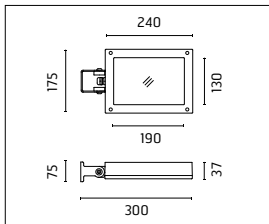
525158.A
525158-300.A Dimmable Dali
525158-310.A Dimmable 1-10
 White 2700K
 Lm LED 2232 ≠ Lm OUTPUT 972

525073.A
525073-300.A Dimmable Dali
525073-310.A Dimmable 1-10
 White 3000K
 Lm LED 2424 ≠ Lm OUTPUT 1080

525072.A
525072-300.A Dimmable Dali
525072-310.A Dimmable 1-10
 White 4000K
 Lm LED 2536 ≠ Lm OUTPUT 1105

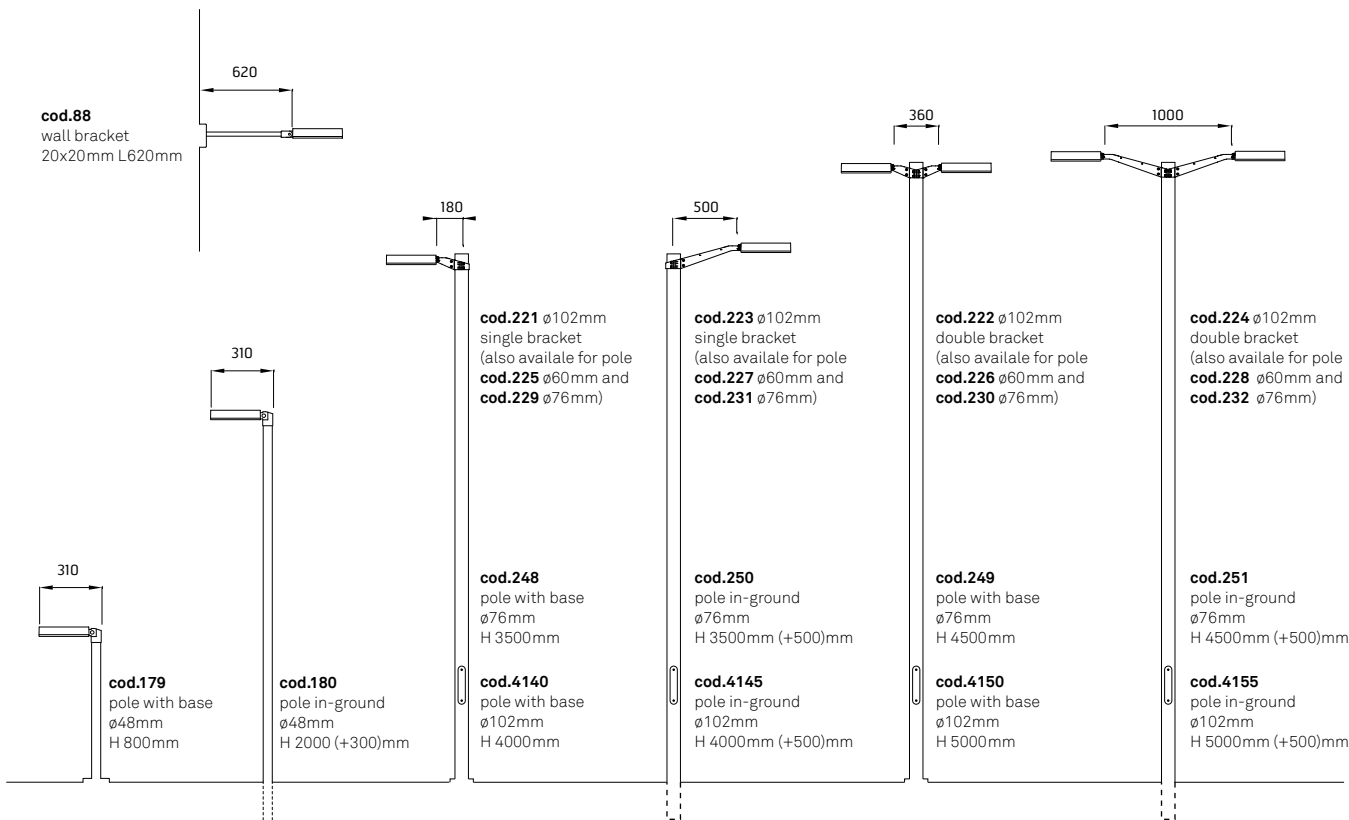


@4000K



IP65

Installation scheme: Perseo16

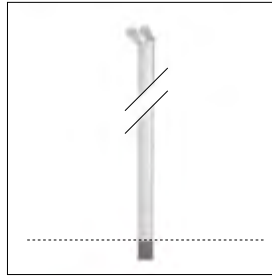


Perseo16 LED / Ø 48mm - Poles



179
H 800 mm

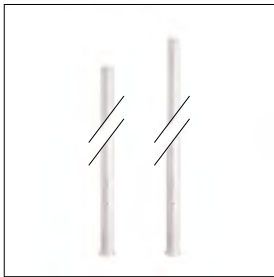
With Base



180
H 2000 mm (+300mm)

In-Ground (+300 mm Root)

Perseo16 LED / Ø 76mm - Poles



248
H 3500 mm

249
H 4500 mm

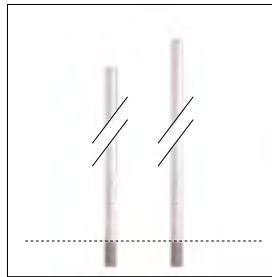
**With Base and Access Door
With Terminal Block 4x1,5-16mmq**



.6 Grey



.3 Anthracite



250
H 3500 mm (+500mm)

251
H 4500 mm (+500mm)

**In-Ground (+500 mm Root) With Access Door
With Terminal Block 4x1,5-16mmq**

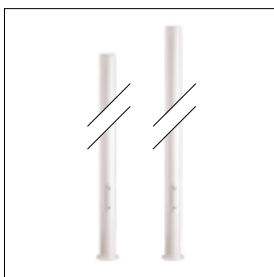


.6 Grey



.3 Anthracite

Perseo16 LED / Ø 102mm - Poles



4140
H 4000 mm

4150
H 5000 mm

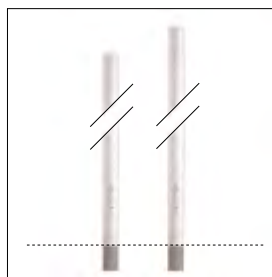
**With Base and Access Door
With Terminal Block 4x1,5-16mmq**



.6 Grey



.3 Anthracite



4145
H 4000 mm (+500mm)

4155
H 5000 mm (+500mm)

**In-Ground (+500 mm Root) With Access Door
With Terminal Block 4x1,5-16mmq**



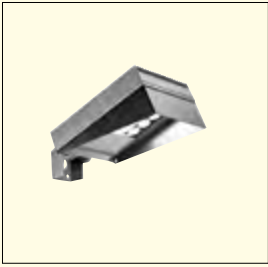
.6 Grey



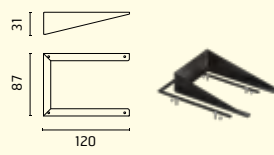
.3 Anthracite



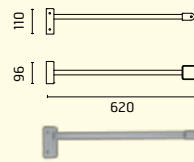
Accessories: Perseo16



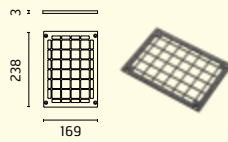
165.4
WALL WASHER VISOR



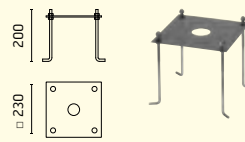
88
WALL BRACKET 20x20mm L620mm



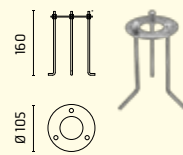
166.4
ANTI VANDAL LOUVRE



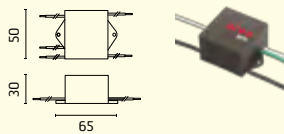
116
BASE PLATE AND FIXING BOLTS
230 x 230 x H 200mm



182
BASE PLATE AND FIXING BOLTS
Ø 105 x H 160mm



237
SPD: (SURGE PROTECTION DEVICE)
275Vac
MAXIMUM DISCHARGE CURRENT
10KA (8 / 20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNEC-
TION - IP66



Accessories: Perseo16

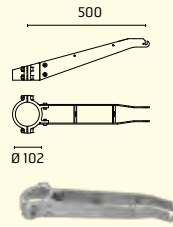
221
SINGLE BRACKET 180mm
FOR POLE Ø 102mm



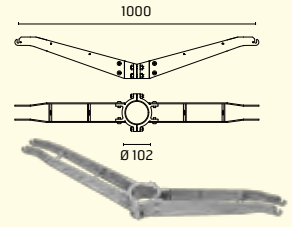
222
DOUBLE BRACKET 180mm
FOR POLE Ø 102mm



223
SINGLE BRACKET 500mm
FOR POLE Ø 102mm



224
DOUBLE BRACKET 500mm
FOR POLE Ø 102mm



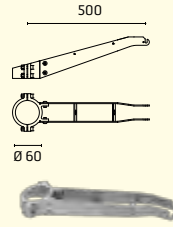
225
SINGLE BRACKET 180mm
FOR POLE Ø 60mm



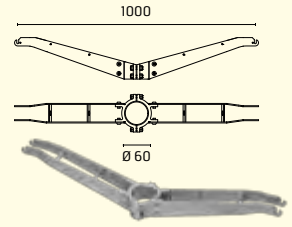
226
DOUBLE BRACKET 180mm
FOR POLE Ø 60mm



227
SINGLE BRACKET 500mm
FOR POLE Ø 60mm



228
DOUBLE BRACKET 500mm
FOR POLE Ø 60mm



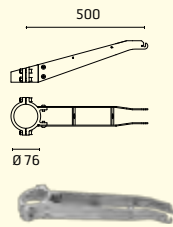
229
SINGLE BRACKET 180mm
FOR POLE Ø 76mm



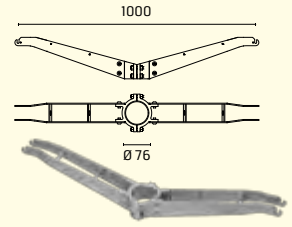
230
DOUBLE BRACKET 180mm
FOR POLE Ø 76mm



231
SINGLE BRACKET 500mm
FOR POLE Ø 76mm



232
DOUBLE BRACKET 500mm
FOR POLE Ø 76mm



acc. code ▶	dimmi DALI	dimmi 1-10	165	166	88	116	182	237	221	222	223	224	225	226	227	228	229	230	231	232
179	-300	-310					•													
180	-300	-310																		
248	-300	-310				•														
249	-300	-310				•														
250	-300	-310																		
251	-300	-310																		
4140	-300	-310				•			•	•	•	•								
4145	-300	-310							•	•	•	•								
4150	-300	-310				•			•	•	•	•								
4155	-300	-310							•	•	•	•								
525062.A	-300	-310	•	•	•			•	•	•	•	•	•	•	•	•	•	•	•	•
525063.A	-300	-310	•	•	•			•	•	•	•	•	•	•	•	•	•	•	•	•
525072.A	-300	-310	•	•	•			•	•	•	•	•	•	•	•	•	•	•	•	•
525073.A	-300	-310	•	•	•			•	•	•	•	•	•	•	•	•	•	•	•	•
525082.A	-300	-310	•	•	•			•	•	•	•	•	•	•	•	•	•	•	•	•
525083.A	-300	-310	•	•	•			•	•	•	•	•	•	•	•	•	•	•	•	•
525092.A	-300	-310	•	•	•			•	•	•	•	•	•	•	•	•	•	•	•	•
525093.A	-300	-310	•	•	•			•	•	•	•	•	•	•	•	•	•	•	•	•
525152.A	-300	-310	•	•	•			•	•	•	•	•	•	•	•	•	•	•	•	•
525154.A	-300	-310	•	•	•			•	•	•	•	•	•	•	•	•	•	•	•	•
525156.A	-300	-310	•	•	•			•	•	•	•	•	•	•	•	•	•	•	•	•
525158.A	-300	-310	•	•	•			•	•	•	•	•	•	•	•	•	•	•	•	•



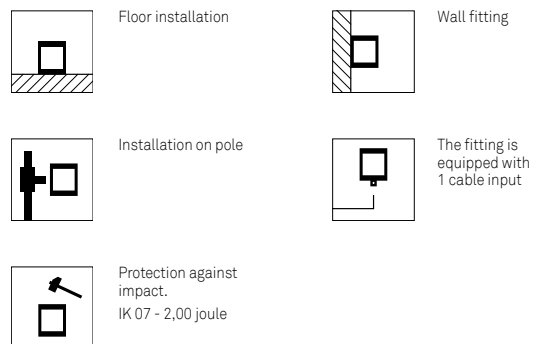
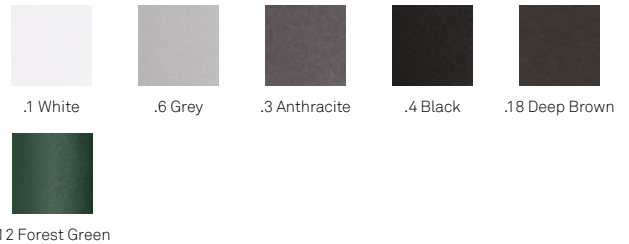
PERSEO 30

- Adjustable projector for installation on wall or on pole.
- Configuration: die-cast aluminium structure. EN AB-47100 alloy (low copper content). Glass diffuser: extra-clear, fixed to the frame through a robotic gluing system. Graduated stainless steel fixing plate for a precise adjustment.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN60598-1 standards
- Class of insulation: I
- Installation: wiring through an M20x1.5 metal cable gland (7mmϕ<math><13\text{mm}</math> cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

A++
A+
A

LED VERSION:
Class A / A+ / A++
Luminaire supplied with integrated LED modules that cannot be replaced



Perseo30 - Adjustable - 11°

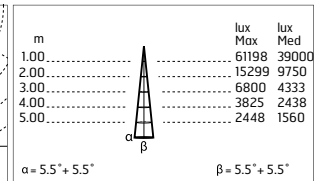
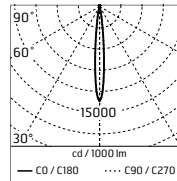
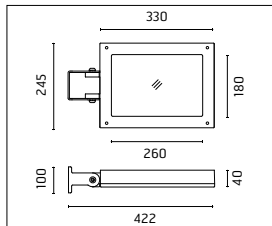
Light Source: Power LED / 48W / Total power 53W / CRI>80 / 220÷240V / Integral electronic power supply



525160.A
525160-300.A Dimmable Dali
525160-310.A Dimmable 1-10
 White 2700K
 Lm LED 5859 ≠ Lm OUTPUT 3989

525133.A
525133-300.A Dimmable Dali
525133-310.A Dimmable 1-10
 White 3000K
 Lm LED 6363 ≠ Lm OUTPUT 4332

525132.A
525132-300.A Dimmable Dali
525132-310.A Dimmable 1-10
 White 4000K
 Lm LED 6657 ≠ Lm OUTPUT 4533



@4000K

IP65

Perseo30 - Adjustable - 34°

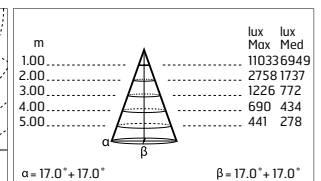
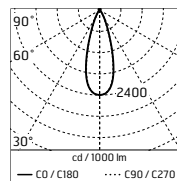
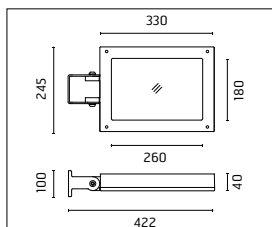
Light Source: Power LED / 48W / Total power 53W / CRI>80 / 220÷240V / Integral electronic power supply



525162.A
525162-300.A Dimmable Dali
525162-310.A Dimmable 1-10
 White 2700K
 Lm LED 5859 ≠ Lm OUTPUT 4056

525123.A
525123-300.A Dimmable Dali
525123-310.A Dimmable 1-10
 White 3000K
 Lm LED 6363 ≠ Lm OUTPUT 4405

525122.A
525122-300.A Dimmable Dali
525122-310.A Dimmable 1-10
 White 4000K
 Lm LED 6657 ≠ Lm OUTPUT 4609



@4000K

IP65

Perseo30 - Adjustable - Asymmetric optic

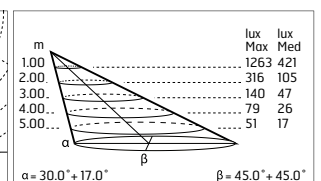
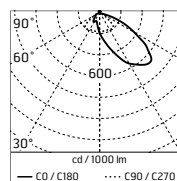
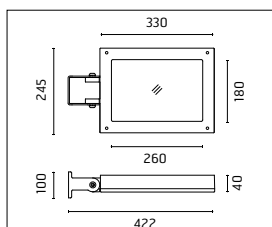
Light Source: Power LED / 48W / Total power 53W / CRI>80 / 220÷240V / Integral electronic power supply



525164.A
525164-300.A Dimmable Dali
525164-310.A Dimmable 1-10
 White 2700K
 Lm LED 5859 ≠ Lm OUTPUT 3085

525103.A
525103-300.A Dimmable Dali
525103-310.A Dimmable 1-10
 White 3000K
 Lm LED 6363 ≠ Lm OUTPUT 3350

525102.A
525102-300.A Dimmable Dali
525102-310.A Dimmable 1-10
 White 4000K
 Lm LED 6657 ≠ Lm OUTPUT 3505



@4000K

IP65

Perseo30 - Adjustable - Street light optic 120°

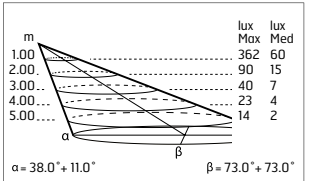
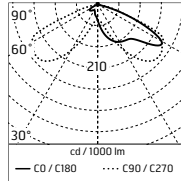
Light Source: Power LED / 48W / Total power 53W / CRI>80 / 220÷240V / Integral electronic power supply



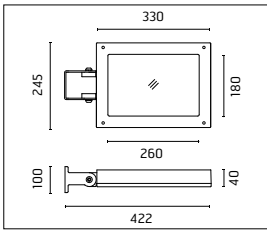
525166.A
525166-300.A Dimmable Dali
525166-310.A Dimmable 1-10
 White 2700K
 Lm LED 5859 ≠ Lm OUTPUT 2609

525113.A
525113-300.A Dimmable Dali
525113-310.A Dimmable 1-10
 White 3000K
 Lm LED 6363 ≠ Lm OUTPUT 2834

525112.A
525112-300.A Dimmable Dali
525112-310.A Dimmable 1-10
 White 4000K
 Lm LED 6657 ≠ Lm OUTPUT 2965



@4000K



IP65

Perseo30 RGB - Adjustable - 40°

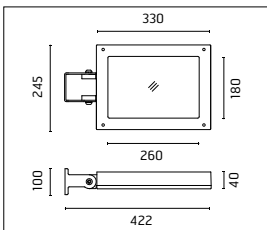
Light Source: Power LED / 34W / Total power 40W / 220÷240V with DMX interface / Integral electronic power supply



525124

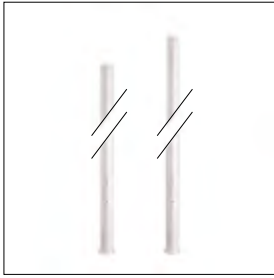
Wiring diagram and installation scheme RGB

>> See Page 513
 Wiring Diagram n.8



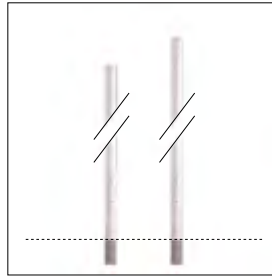
IP65

Perseo30 LED / Ø 76mm - Poles



248
H 3500 mm

249
H 4500 mm



250
H 3500 mm (+500mm)

251
H 4500 mm (+500mm)

**With Base and Access Door
With Terminal Block 4x1,5-16mmq**



.6 Grey



.3 Anthracite



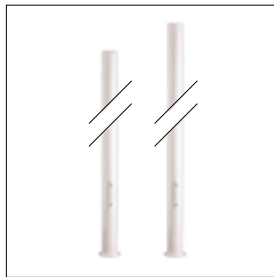
.6 Grey



.3 Anthracite

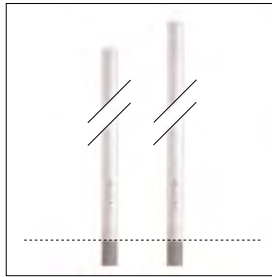
**In-Ground (+500 mm Root) With Access Door
With Terminal Block 4x1,5-16mmq**

Perseo30 LED / Ø 102mm - Poles



4140
H 4000 mm

4150
H 5000 mm



4145
H 4000 mm (+500mm)

4155
H 5000 mm (+500mm)

**With Base and Access Door
With Terminal Block 4x1,5-16mmq**



.6 Grey



.3 Anthracite



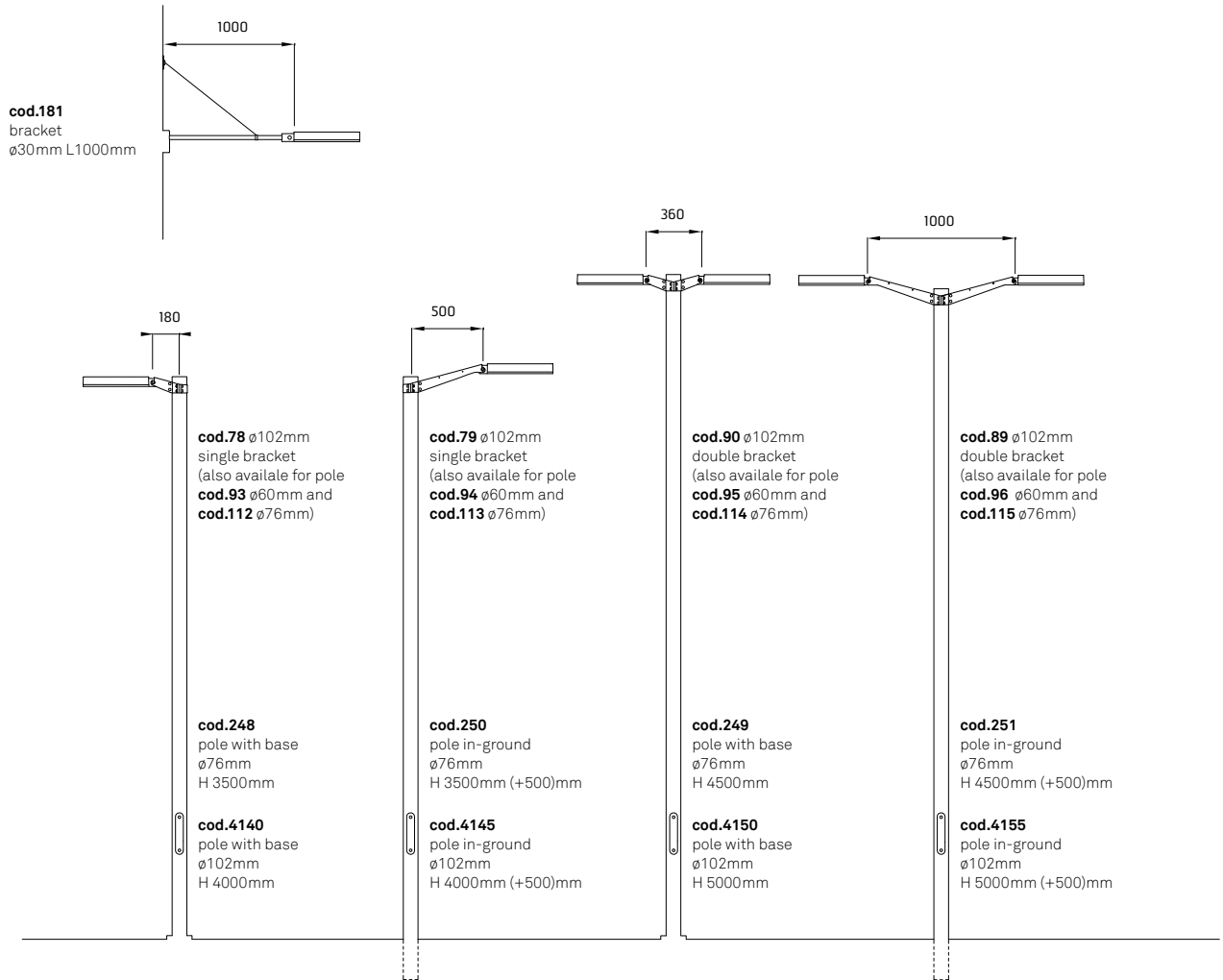
.6 Grey



.3 Anthracite

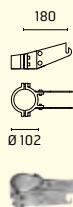
**In-Ground (+500 mm Root) With Access Door
With Terminal Block 4x1,5-16mmq**

Installation scheme: Perseo30

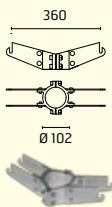


Accessories: Perseo30

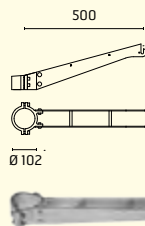
78
SINGLE BRACKET 180mm
FOR POLE Ø 102mm



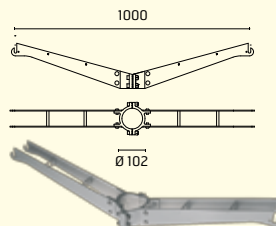
90
DOUBLE BRACKET 180mm
FOR POLE Ø 102mm



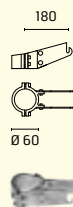
79
SINGLE BRACKET 500mm
FOR POLE Ø 102mm



89
DOUBLE BRACKET 500mm
FOR POLE Ø 102mm



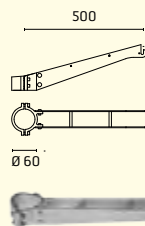
93
SINGLE BRACKET 180mm
FOR POLE Ø 60mm



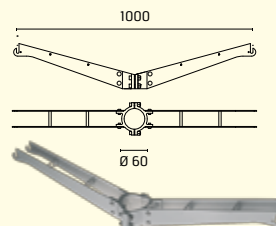
95
DOUBLE BRACKET 180mm
FOR POLE Ø 60mm



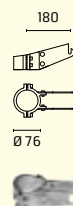
94
SINGLE BRACKET 500mm
FOR POLE Ø 60mm



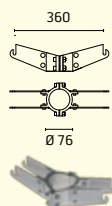
96
DOUBLE BRACKET 500mm
FOR POLE Ø 60mm



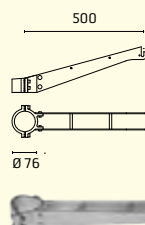
112
SINGLE BRACKET 180mm
FOR POLE Ø 76mm



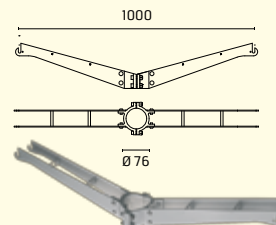
114
DOUBLE BRACKET 180mm
FOR POLE Ø 76mm



113
SINGLE BRACKET 500mm
FOR POLE Ø 76mm

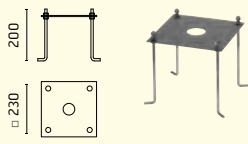


115
DOUBLE BRACKET 500mm
FOR POLE Ø 76mm

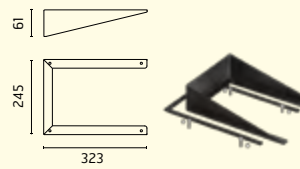


Accessories: Perseo30

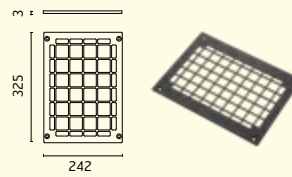
116
BASE PLATE AND FIXING BOLTS
230 x 230 x H 200mm



167.4
WALL WASHER VISOR



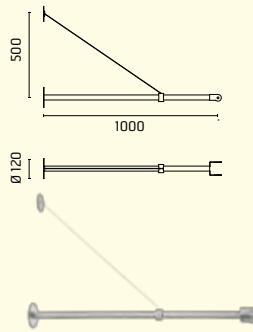
168.4
ANTI VANDAL LOUVRE



186
DMX CABLE - SHIELDED TWISTED
PAIR WITH 110 Ohm AT LINEAR METER
CONSTANT IMPEDANCE.



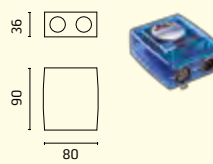
181
WALL BRACKET 1000mm



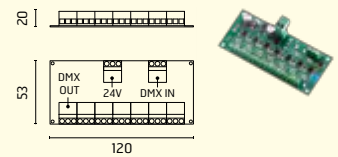
142
DMX CONTROLLER;
DIMMER SWITCH FOR RECESSED
BOX (60mm HOLE CENTRES)



143
DMX CONTROLLER;
STAND-ALONE / PC INTERFACE

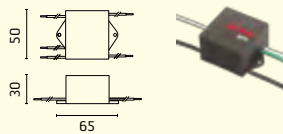


187
DMX SPLITTER 512 - ELECTRONIC
DEVICE TO REGENERATE THE MONODI-
RECTIONAL DMX SIGNAL
1 INPUT AND 7 OUTPUT, 12-24V dc



POWER SUPPLY TO BE ORDERED (87 OR 175 RECOMMENDED)

237
SPD: (SURGE PROTECTION DEVICE)
275Vac
MAXIMUM DISCHARGE CURRENT
10KA (8 / 20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNECTION
- IP66



acc. code ▶ prod. code ▼	dimm DALI	dimm 1-10	78	90	79	89	93	95	94	96	112	114	113	115	116	167.4	168.4	181	142	143	186	187	237
248	-300	-310													•								
249	-300	-310													•								
250	-300	-310																					
251	-300	-310																					
4140	-300	-310	•	•	•	•									•								
4145	-300	-310	•	•	•	•																	
4150	-300	-310	•	•	•	•									•								
4155	-300	-310	•	•	•	•																	
525102.A	-300	-310	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•					•
525103.A	-300	-310	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•					•
525112.A	-300	-310	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•					•
525113.A	-300	-310	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•					•
525122.A	-300	-310	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•					•
525123.A	-300	-310	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•					•
525124			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
525132.A	-300	-310	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•					•
525133.A	-300	-310	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•					•
525160.A	-300	-310	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•					•
525162.A	-300	-310	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•					•
525164.A	-300	-310	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•					•
525166.A	-300	-310	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•					•



MINIFRANCO

- Luminaire for installation on wall or on pole.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content) and pure aluminium reflector. Glass diffuser: extra-clear.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN60598-1 standards
- Class of insulation: I
- Installation: wiring through a M16x1,5 metal cable gland (4,5mm$\lt\mathit{d}$10mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland. CoB LED version is supplied with a 2-way terminal block for 3-conductor cables – IP68.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating.
Damages on the coating exposed to outdoor conditions or water, could cause corrosion.
Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION::
Class A/A+/A++
Luminaire supplied with integrated LED modules that cannot be replaced



.1 White



.6 Grey



.3 Anthracite



.4 Black



.18 Deep Brown



.12 Forest Green



Wall fitting



Floor installation



Installation on pole



The fitting is equipped with 1 cable input



Protection against impact.
IK 07 - 2,00 joule

MiniFranco - Adjustable - Symmetric Optic

Light Source: CoB LED / 22W / Total power 24W / CRI >80 / 220+240V / Integral electronic power supply



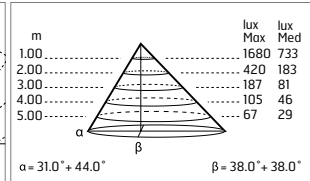
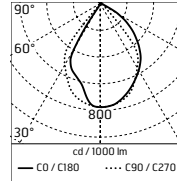
1628123
White 2700K
lm LED 2856 ≠ lm OUTPUT 1920



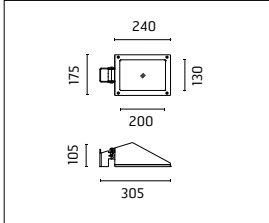
1628113
White 3000K
lm LED 3071 ≠ lm OUTPUT 2065



1628013
White 4000K
lm LED 3221 ≠ lm OUTPUT 2166



@4000K



IP65

MiniFranco - Adjustable - Asymmetric Optic

Light Source: CoB LED / 22W / Total power 24W / CRI >80 / 220+240V / Integral electronic power supply



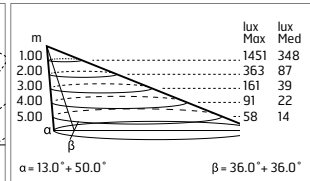
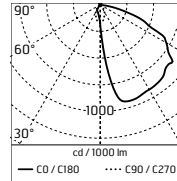
1628124
White 2700K
lm LED 2856 ≠ lm OUTPUT 1506



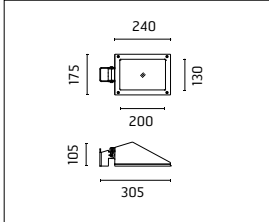
1628114
White 3000K
lm LED 3071 ≠ lm OUTPUT 1619



1628014
White 4000K
lm LED 3221 ≠ lm OUTPUT 1698



@4000K



IP65

MiniFranco - Adjustable - 10°

Light Source: Power LED / 17,6W / Total power 20W / CRI >80 / 220÷240V / Integral electronic power supply



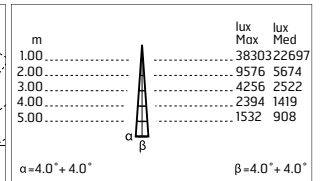
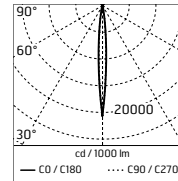
1610122
White 2700K
lm LED 1540 ≠ lm OUTPUT 1335



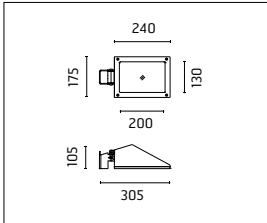
1610112
White 3000K
lm LED 1656 ≠ lm OUTPUT 1435



1622412
White 4000K
lm LED 1832 ≠ lm OUTPUT 1588



@4000K



IP65

MiniFranco - Adjustable - 40°

Light Source: Power LED / 17,6W / Total power 20W / CRI >80 / 220÷240V / Integral electronic power supply



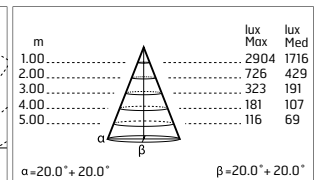
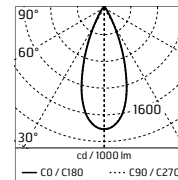
1610123
White 2700K
lm LED 1540 ≠ lm OUTPUT 1150



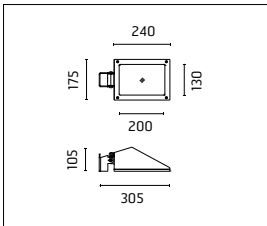
1610113
White 3000K
lm LED 1656 ≠ lm OUTPUT 1237



1622413
White 4000K
lm LED 1832 ≠ lm OUTPUT 1368



@4000K



IP65

MiniFranco / Ø 60mm - Poles



- 1005**
H 500 mm
- 1009**
H 900 mm
- 117**
H 2000 mm

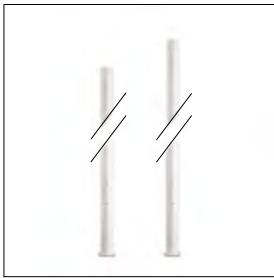
With Base
With fixed pole head hooking.
Non-adjustable projector



- 1105**
H 500 mm (+300mm)
- 1109**
H 900 mm (+300mm)

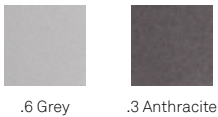
In-Ground (+300 mm Root)

MiniFranco / Ø 76mm - Poles

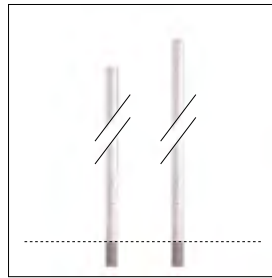


- 248**
H 3500 mm
- 249**
H 4500 mm

With Base and Access Door
With Terminal Block 4x1,5-16mmq

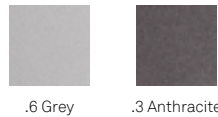


.6 Grey .3 Anthracite



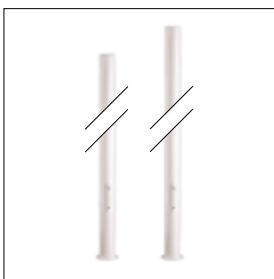
- 250**
H 3500 mm (+500mm)
- 251**
H 4500 mm (+500mm)

In-Ground (+500 mm Root) With Access Door
With Terminal Block 4x1,5-16mmq



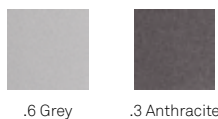
.6 Grey .3 Anthracite

MiniFranco / Ø 102mm - Poles

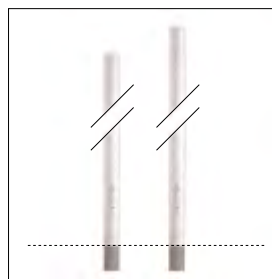


- 4140**
H 4000 mm
- 4150**
H 5000 mm

With Base and Access Door
With Terminal Block 4x1,5-16mmq



.6 Grey .3 Anthracite



- 4145**
H 4000 mm (+500mm)
- 4155**
H 5000 mm (+500mm)

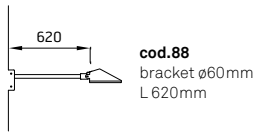
In-Ground (+500 mm Root) With Access Door
With Terminal Block 4x1,5-16mmq



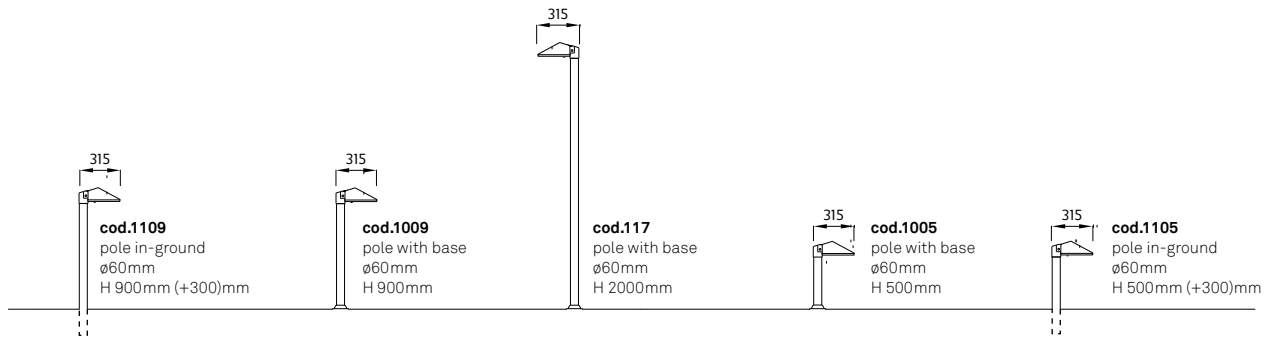
.6 Grey .3 Anthracite

Installation scheme: MiniFranco

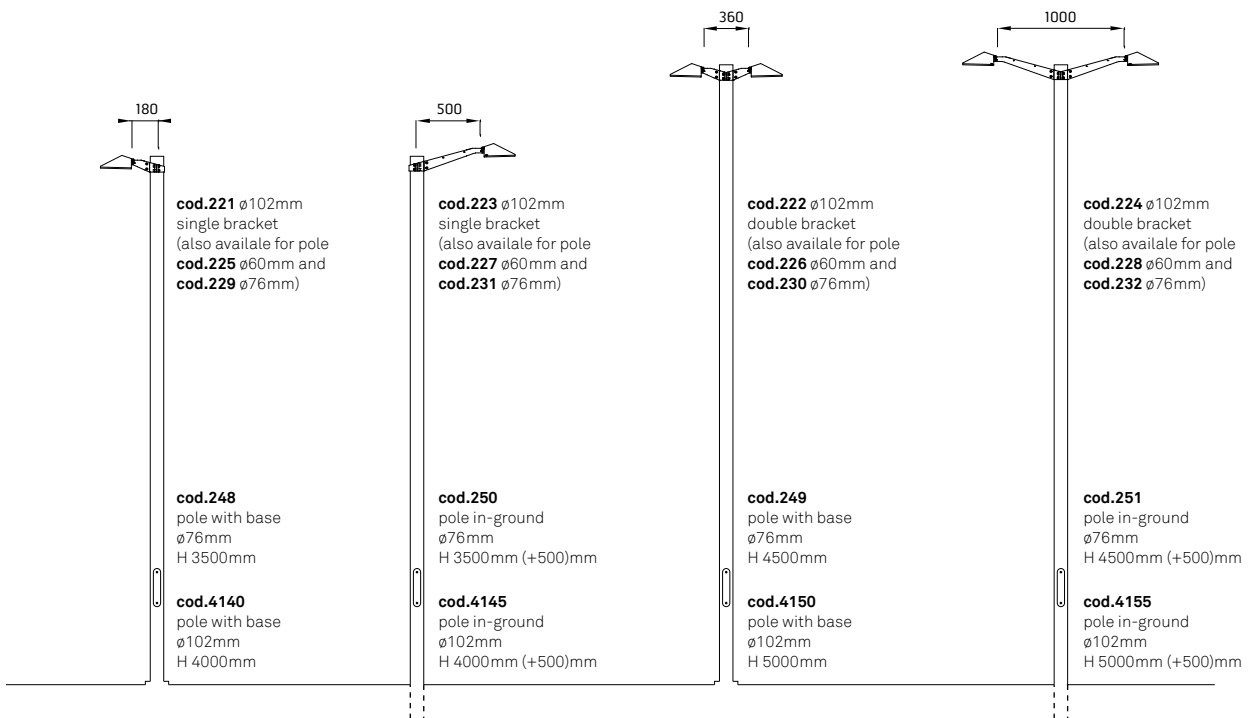
Adjustable Projector on Wall



Non-Adjustable Projector on Pole



Adjustable Projector on Pole



Accessories: MiniFranco

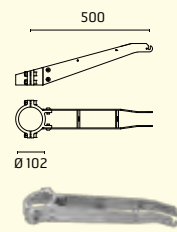
221
SINGLE BRACKET 180mm
FOR POLE Ø 102mm



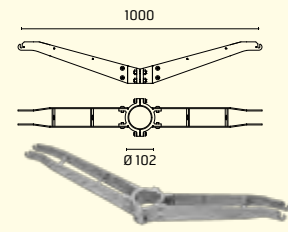
222
DOUBLE BRACKET 180mm
FOR POLE Ø 102mm



223
SINGLE BRACKET 500mm
FOR POLE Ø 102mm



224
DOUBLE BRACKET 500mm
FOR POLE Ø 102mm



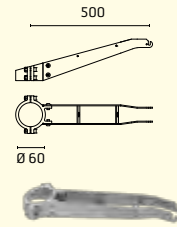
225
SINGLE BRACKET 180mm
FOR POLE Ø 60mm



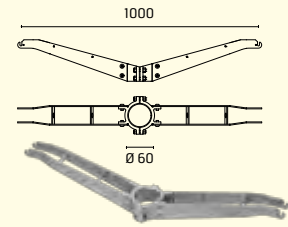
226
DOUBLE BRACKET 180mm
FOR POLE Ø 60mm



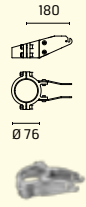
227
SINGLE BRACKET 500mm
FOR POLE Ø 60mm



228
DOUBLE BRACKET 500mm
FOR POLE Ø 60mm



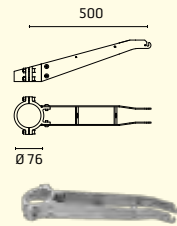
229
SINGLE BRACKET 180mm
FOR POLE Ø 76mm



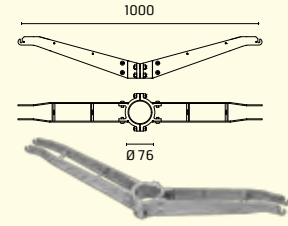
230
DOUBLE BRACKET 180mm
FOR POLE Ø 76mm



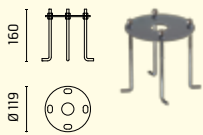
231
SINGLE BRACKET 500mm
FOR POLE Ø 76mm



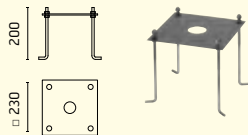
232
DOUBLE BRACKET 500mm
FOR POLE Ø 76mm



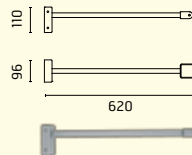
243
BASE PLATE AND FIXING BOLTS
Ø 119 x H 160mm



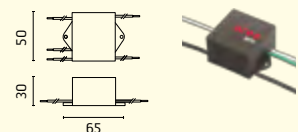
116
BASE PLATE AND FIXING BOLTS
230 x 230 x H 200mm



88
WALL BRACKET 620mm



237
SPD: (SURGE PROTECTION DEVICE)
275Vac
MAXIMUM DISCHARGE CURRENT
10KA (8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNECTION
- IP66









Accessories: MiniFranco




acc. code ▶	221	222	223	224	225	226	227	228	229	230	231	232	237	243	116	88
prod. code ▼																
117														•		
248															•	
249															•	
250																
251																
1005														•		
1009														•		
1105																
1109																
4140	•	•	•	•											•	
4145	•	•	•	•												
4150	•	•	•	•											•	
4155	•	•	•	•												
1610112	•	•	•	•	•	•	•	•	•	•	•	•	•			•
1610113	•	•	•	•	•	•	•	•	•	•	•	•	•			•
1610122	•	•	•	•	•	•	•	•	•	•	•	•	•			•
1610123	•	•	•	•	•	•	•	•	•	•	•	•	•			•
1622412	•	•	•	•	•	•	•	•	•	•	•	•	•			•
1622413	•	•	•	•	•	•	•	•	•	•	•	•	•			•
1628013	•	•	•	•	•	•	•	•	•	•	•	•	•			•
1628014	•	•	•	•	•	•	•	•	•	•	•	•	•			•
1628113	•	•	•	•	•	•	•	•	•	•	•	•	•			•
1628114	•	•	•	•	•	•	•	•	•	•	•	•	•			•
1628123	•	•	•	•	•	•	•	•	•	•	•	•	•			•
1628124	•	•	•	•	•	•	•	•	•	•	•	•	•			•








- Luminaire for installation on wall or on pole.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content) and pure aluminium reflector. Glass diffuser: extra-clear. Graduated stainless steel fixing plate for a precise adjustment.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN60598-1 standards
- Class of insulation: I
- Installation: wiring through a M20x1,5 metal cable gland (7mmϕ<math><13\text{mm}</math> cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

	LED VERSION:: Class A/A+/A++ Luminaire supplied with integrated LED modules that cannot be replaced
	
	
	METAL HALIDE VERSION: Class A+ HIT-DE/RX7s
	
	SODIUM VAPOR VERSION: Class A+ HST-DE/Rx7s

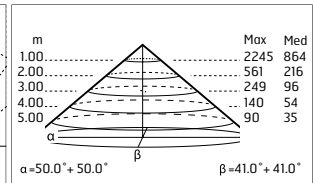
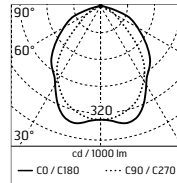
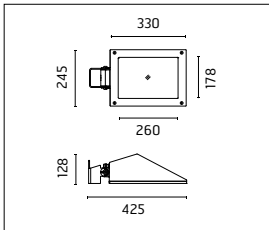
				
.1 White	.6 Grey	.3 Anthracite	.4 Black	.18 Deep Brown
				
.12 Forest Green				

	Wall fitting		Floor installation
	Installation on pole		The fitting is equipped with 1 cable input
	Protection against impact. IK 07 - 2,00 joule		

Franco - Adjustable - Symmetric Optic



962913
HIT-DE 70W RX7S
Optional bulb
HST-DE 70W Rx7s
Yellow light (2000K)

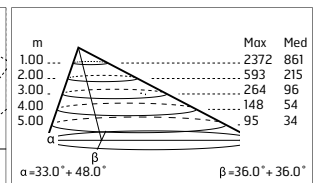
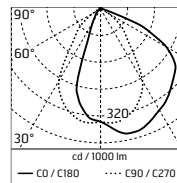
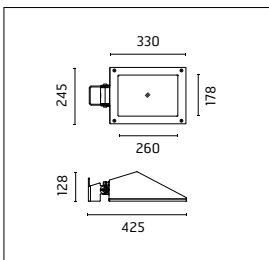


IP65

Franco - Adjustable - Asymmetric Optic



962914
HIT-DE 70W RX7S
Optional bulb
HST-DE 70W Rx7s
Yellow light (2000K)



IP65

Franco - Adjustable - Symmetric Optic

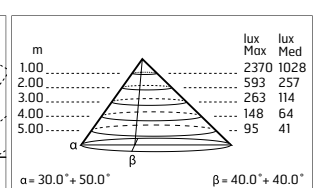
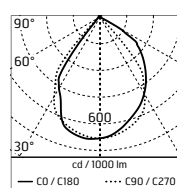
Light Source: CoB LED / 39W / Total power 43W / CRI >80 / 220÷240V / Integral electronic power supply



9628323
White 2700K
lm LED 5043 ≠ lm OUTPUT 3143

9628313
White 3000K
lm LED 5423 ≠ lm OUTPUT 3380

9628213
White 4000K
lm LED 5560 ≠ lm OUTPUT 3465



IP65

Franco - Adjustable - Asymmetric Optic

Light Source: CoB LED / 39W / Total power 43W / CRI >80 / 220÷240V / Integral electronic power supply



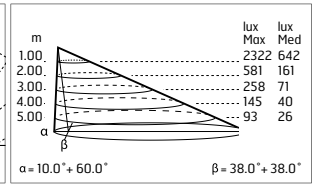
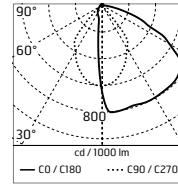
9628324
White 2700K
lm LED 5043 ≠ lm OUTPUT 2648



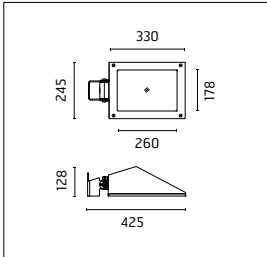
9628314
White 3000K
lm LED 5423 ≠ lm OUTPUT 2847



9628214
White 4000K
lm LED 5560 ≠ lm OUTPUT 2919

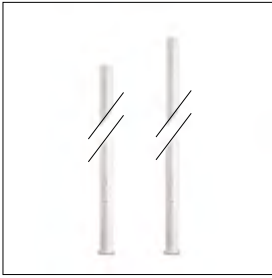


@4000K



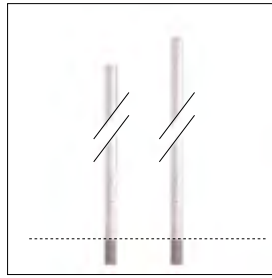
IP65

Franco / Ø 76mm - Poles



248
H 3500 mm

249
H 4500 mm



250
H 3500 mm (+500mm)

251
H 4500 mm (+500mm)

**With Base and Access Door
With Terminal Block 4x1,5-16mmq**



.6 Grey



.3 Anthracite



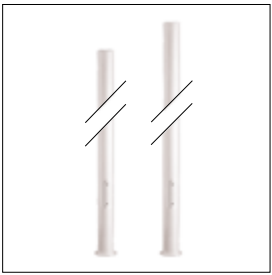
.6 Grey



.3 Anthracite

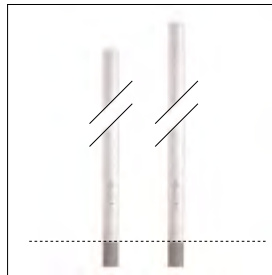
**In-Ground (+500 mm Root) With Access Door
With Terminal Block 4x1,5-16mmq**

Franco / Ø 102mm - Poles



4140
H 4000 mm

4150
H 5000 mm



4145
H 4000 mm (+500mm)

4155
H 5000 mm (+500mm)

**With Base and Access Door
With Terminal Block 4x1,5-16mmq**



.6 Grey



.3 Anthracite



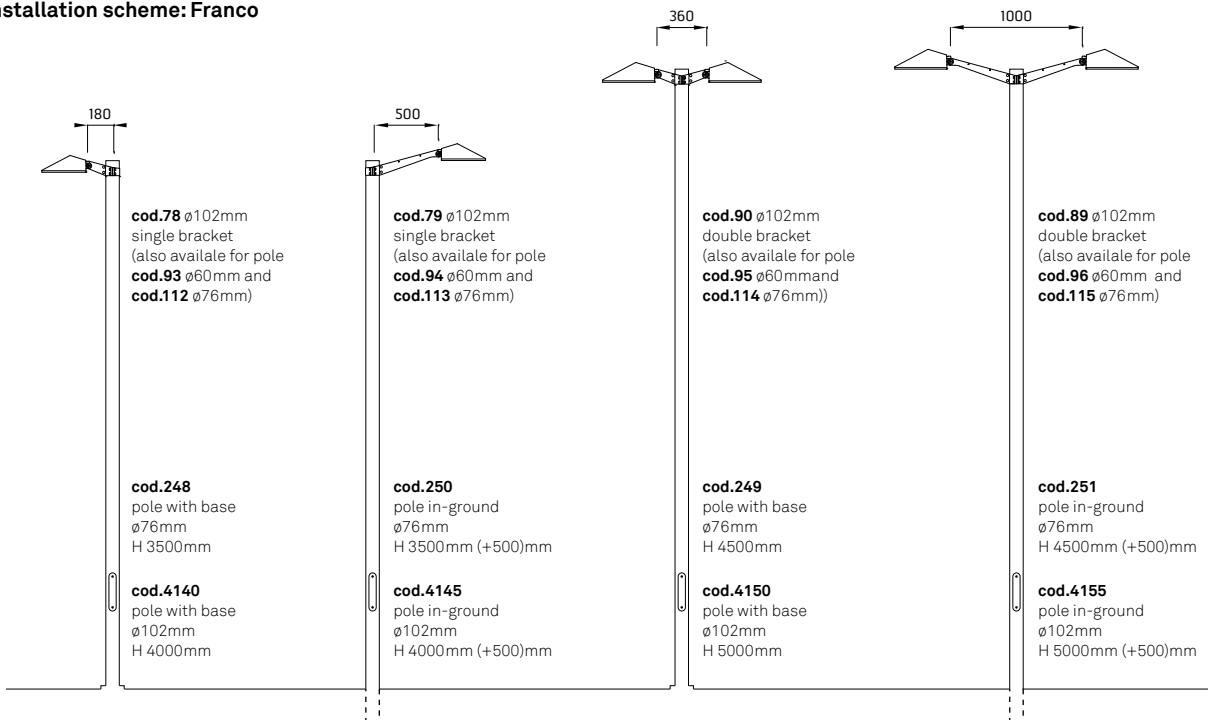
.6 Grey



.3 Anthracite

**In-Ground (+500 mm Root) With Access Door
With Terminal Block 4x1,5-16mmq**

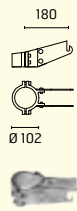
Installation scheme: Franco



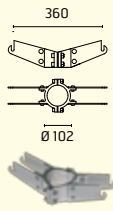


Accessories: Franco

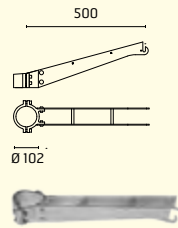
78
SINGLE BRACKET 180mm
FOR POLE Ø 102mm



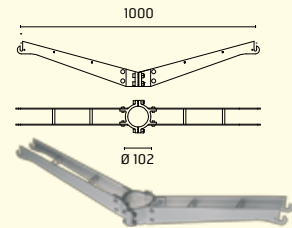
90
DOUBLE BRACKET 180mm
FOR POLE Ø 102mm



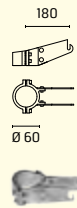
79
SINGLE BRACKET 500mm
FOR POLE Ø 102mm



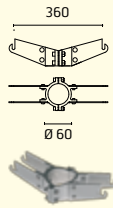
89
DOUBLE BRACKET 500mm
FOR POLE Ø 102mm



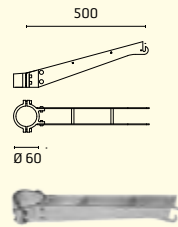
93
SINGLE BRACKET 180mm
FOR POLE Ø 60mm



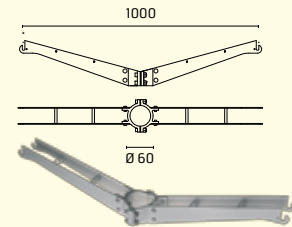
95
DOUBLE BRACKET 180mm
FOR POLE Ø 60mm



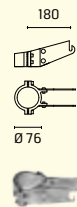
94
SINGLE BRACKET 500mm
FOR POLE Ø 60mm



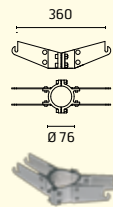
96
DOUBLE BRACKET 500mm
FOR POLE Ø 60mm



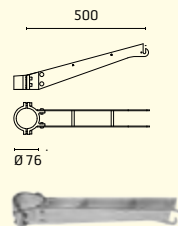
112
SINGLE BRACKET 180mm
FOR POLE Ø 76mm



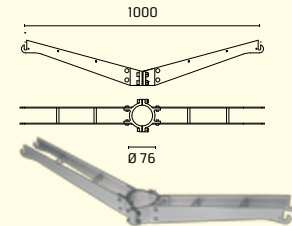
114
DOUBLE BRACKET 180mm
FOR POLE Ø 76mm



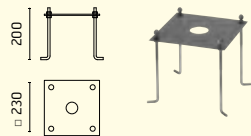
113
SINGLE BRACKET 500mm
FOR POLE Ø 76mm



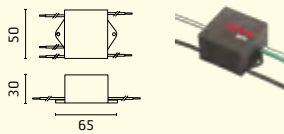
115
DOUBLE BRACKET 500mm
FOR POLE Ø 76mm



116
BASE PLATE AND FIXING BOLTS
230 x 230 x H 200mm



237
SPD: (SURGE PROTECTION DEVICE)
275Vac
MAXIMUM DISCHARGE CURRENT
10KA (8/20µs)
MAXIMUM OPERATING CURRENT
5A SUITABLE FOR SERIES CONNec-
TION - IP66



Accessories: Franco




acc. code ▶	78	90	79	89	93	95	94	96	112	114	113	115	116	237
prod. code ▼														
248													•	
249													•	
250														
251														
4140	•	•	•	•									•	
4145	•	•	•	•										
4150	•	•	•	•									•	
4155	•	•	•	•										
962913	•	•	•	•	•	•	•	•	•	•	•	•		
962914	•	•	•	•	•	•	•	•	•	•	•	•		
9628213	•	•	•	•	•	•	•	•	•	•	•	•		•
9628214	•	•	•	•	•	•	•	•	•	•	•	•		•
9628313	•	•	•	•	•	•	•	•	•	•	•	•		•
9628314	•	•	•	•	•	•	•	•	•	•	•	•		•
9628323	•	•	•	•	•	•	•	•	•	•	•	•		•
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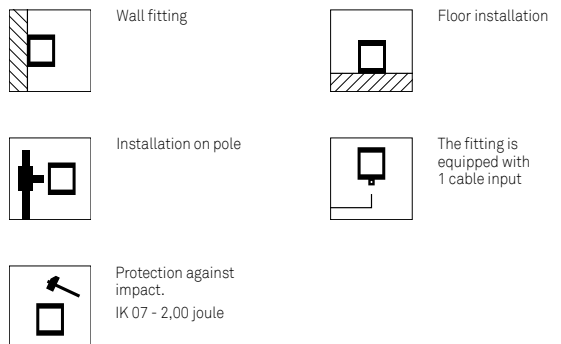
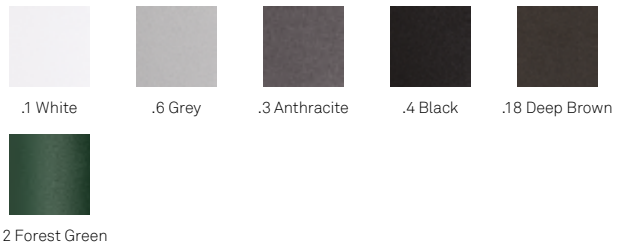


MAXIFRANCO

- Luminaire for installation on wall or on pole.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content) and pure aluminium reflector. Glass diffuser: extra-clear. Graduated stainless steel fixing plate for a precise adjustment.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN60598-1 standards
- Class of insulation: I
- Installation: wiring through a M20x1,5 metal cable gland (7mmϕ<math><13\text{mm}</math> cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

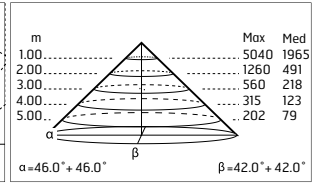
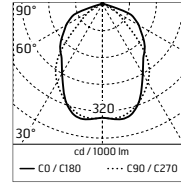
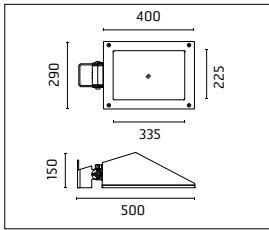
-  **LED VERSION::**
Class A/A+/A++
Luminaire supplied with integrated LED modules that cannot be replaced
-  **METAL HALIDE VERSION:**
Class A+
HIT-DE/Rx7s
HIT-CE/G12
-  **SODIUM VAPOR VERSION:**
Class A+
HST-DE/Rx7s



MaxiFranco - Adjustable - Symmetric Optic



971913
 HIT-DE 150W RX7S
 Optional bulb
 HST-DE 150W Rx7s
 Yellow light (2000K)

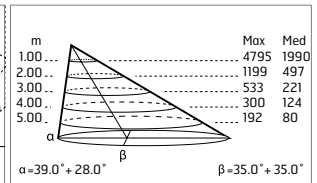
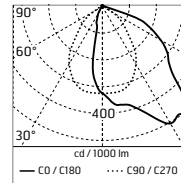
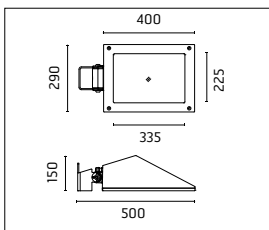


IP65

MaxiFranco - Adjustable - Asymmetric Optic



971914
 HIT-DE 150W RX7S
 Optional bulb
 HST-DE 150W Rx7s
 Yellow light (2000K)



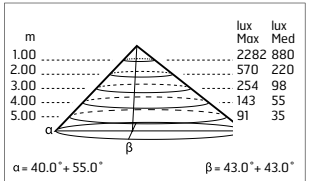
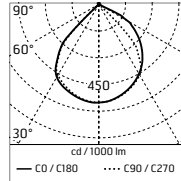
IP65

MaxiFranco - Adjustable - Symmetric Optic

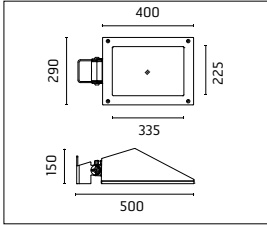
Light Source: CoB LED / 45W / Total power 52W / CRI >80 / 220÷240V / Integral electronic power supply



- 9728423**
White 2700K
lm LED 5847 ≠ lm OUTPUT 3757
- 9728513**
White 3000K
lm LED 6287 ≠ lm OUTPUT 4040
- 9728413**
White 4000K
lm LED 6446 ≠ lm OUTPUT 4142



@4000K



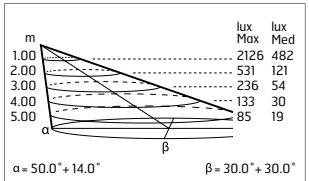
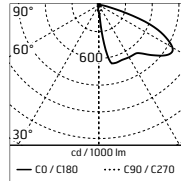
IP65

MaxiFranco - Adjustable - Asymmetric Optic

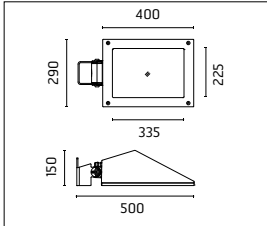
Light Source: CoB LED / 45W / Total power 52W / CRI >80 / 220÷240V / Integral electronic power supply



- 9428424**
White 2700K
lm LED 5847 ≠ lm OUTPUT 3072
- 9428514**
White 3000K
lm LED 6287 ≠ lm OUTPUT 3303
- 9728414**
White 4000K
lm LED 6446 ≠ lm OUTPUT 3386



@4000K



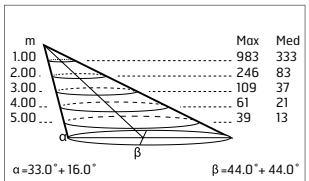
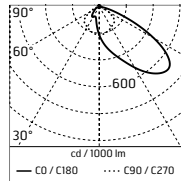
IP65

MaxiFranco - Adjustable - Asymmetric Optic

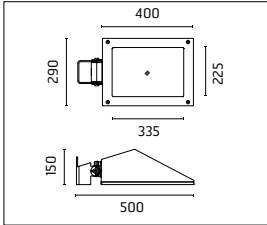
Light Source: Power LED / 42W / Total power 47W / CRI >80 / 110÷240V / Integral electronic power supply



- 9724723**
9724723-300 Dimmable Dali
9724723-310 Dimmable 1-10
White 2700K
lm LED 3582 ≠ lm OUTPUT 2057
- 9724813**
9724813-300 Dimmable Dali
9724813-310 Dimmable 1-10
White 3000K
lm LED 3852 ≠ lm OUTPUT 2212
- 9724713**
9724713-300 Dimmable Dali
9724713-310 Dimmable 1-10
White 4000K
lm LED 4104 ≠ lm OUTPUT 2448



@4000K



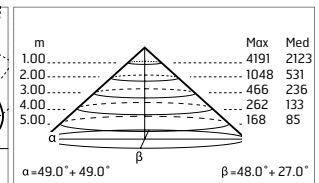
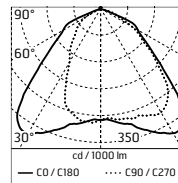
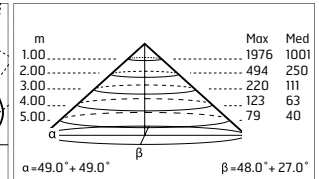
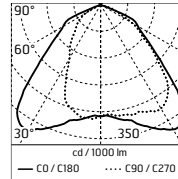
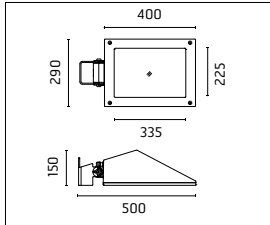
IP65

MaxiFranco - Adjustable - Street light Optic



9771109
HIT-CE 70W G12

9715109
HIT-CE 150W G12



IP65

MaxiFranco - Adjustable - Street light Optic

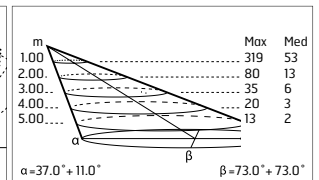
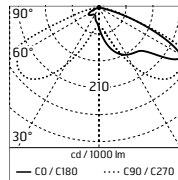
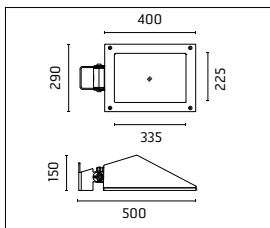
Light Source: Power LED / 42W / Total power 47W/CRI >80 / 110÷240V / Integral electronic power supply



9724724
9724724-300 Dimmable Dali
9724724-310 Dimmable 1-10
White 2700K
lm LED 3582 \approx lm OUTPUT 1712

9724814
9724814-300 Dimmable Dali
9724814-310 Dimmable 1-10
White 3000K
lm LED 3852 \approx lm OUTPUT 1841

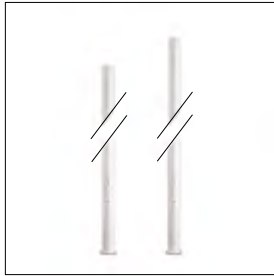
9724714
9724714-300 Dimmable Dali
9724714-310 Dimmable 1-10
White 4000K
lm LED 4104 \approx lm OUTPUT 2037



@4000K

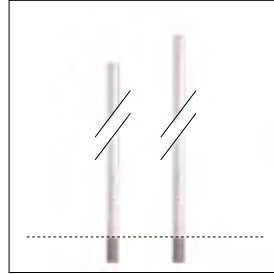
IP65

MaxiFranco / Ø 76mm - Poles



248
H 3500 mm

249
H 4500 mm



250
H 3500 mm (+500mm)

251
H 4500 mm (+500mm)

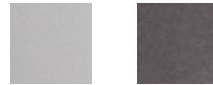
With Base and Access Door With Terminal Block 4x1,5-16mmq



.6 Grey

.3 Anthracite

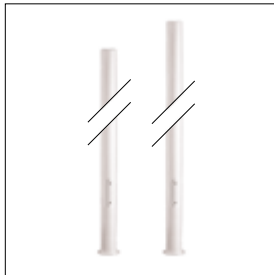
In-Ground (+500 mm Root) With Access Door With Terminal Block 4x1,5-16mmq



.6 Grey

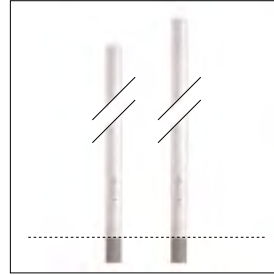
.3 Anthracite

MaxiFranco / Ø 102mm - Poles



4140
H 4000 mm

4150
H 5000 mm



4145
H 4000 mm (+500mm)

4155
H 5000 mm (+500mm)

With Base and Access Door With Terminal Block 4x1,5-16mmq



.6 Grey

.3 Anthracite

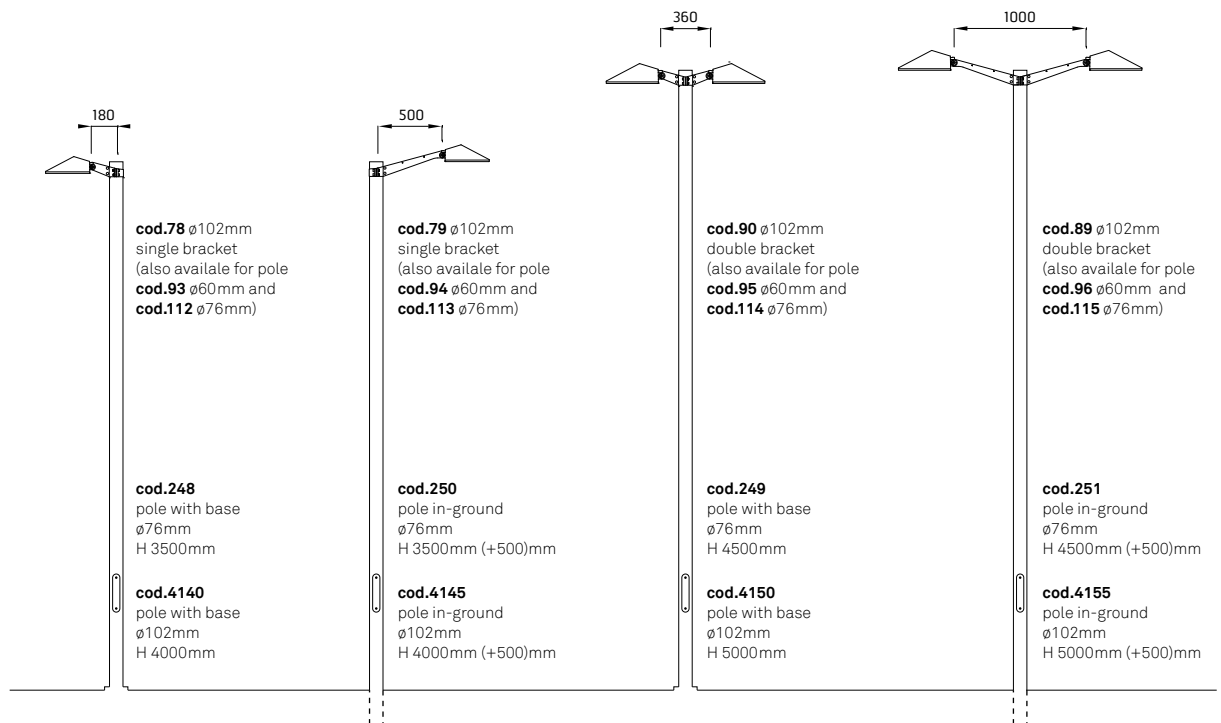
In-Ground (+500 mm Root) With Access Door With Terminal Block 4x1,5-16mmq



.6 Grey

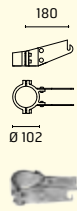
.3 Anthracite

Installation scheme: MaxiFranco

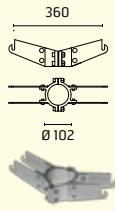


Accessories: MaxiFranco

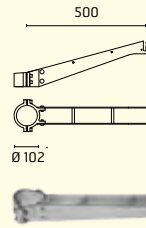
78
SINGLE BRACKET 180mm
FOR POLE Ø 102mm



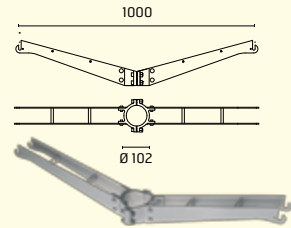
90
DOUBLE BRACKET 180mm
FOR POLE Ø 102mm



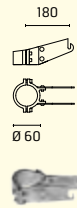
79
SINGLE BRACKET 500mm
FOR POLE Ø 102mm



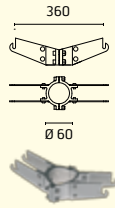
89
DOUBLE BRACKET 500mm
FOR POLE Ø 102mm



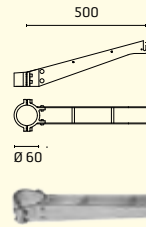
93
SINGLE BRACKET 180mm
FOR POLE Ø 60mm



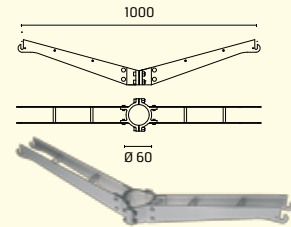
95
DOUBLE BRACKET 180mm
FOR POLE Ø 60mm



94
SINGLE BRACKET 500mm
FOR POLE Ø 60mm



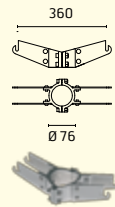
96
DOUBLE BRACKET 500mm
FOR POLE Ø 60mm



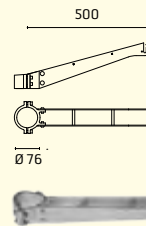
112
SINGLE BRACKET 180mm
FOR POLE Ø 76mm



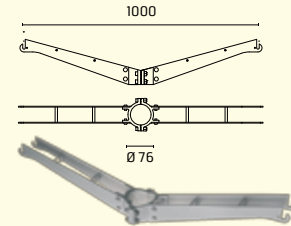
114
DOUBLE BRACKET 180mm
FOR POLE Ø 76mm



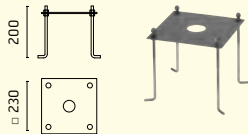
113
SINGLE BRACKET 500mm
FOR POLE Ø 76mm



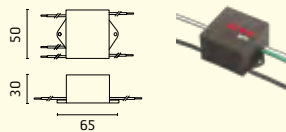
115
DOUBLE BRACKET 500mm
FOR POLE Ø 76mm



116
BASE PLATE AND FIXING BOLTS
230 x 230 x H 200mm



237
SPD: (SURGE PROTECTION DEVICE)
275Vac
MAXIMUM DISCHARGE CURRENT
10KA (8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNECTION
- IP66



Accessories: MaxiFranco

acc. code ► prod. code ▼	dimmi DALI	dimmi 1-10	78	90	79	89	93	95	94	96	112	114	113	115	116	237
248															•	
249															•	
250																
251																
4140			•	•	•	•									•	
4145			•	•	•	•										
4150			•	•	•	•									•	
4155			•	•	•	•										
971913			•	•	•	•	•	•	•	•	•	•	•	•		
971914			•	•	•	•	•	•	•	•	•	•	•	•		
9715109			•	•	•	•	•	•	•	•	•	•	•	•		
9724713	-300	-310	•	•	•	•	•	•	•	•	•	•	•	•		•
9724714	-300	-310	•	•	•	•	•	•	•	•	•	•	•	•		•
9724723	-300	-310	•	•	•	•	•	•	•	•	•	•	•	•		•
9724724	-300	-310	•	•	•	•	•	•	•	•	•	•	•	•		•
9724813	-300	-310	•	•	•	•	•	•	•	•	•	•	•	•		•
9724814	-300	-310	•	•	•	•	•	•	•	•	•	•	•	•		•
9728413			•	•	•	•	•	•	•	•	•	•	•	•		•
9728414			•	•	•	•	•	•	•	•	•	•	•	•		•
9728423			•	•	•	•	•	•	•	•	•	•	•	•		•
9428424			•	•	•	•	•	•	•	•	•	•	•	•		•
9728513			•	•	•	•	•	•	•	•	•	•	•	•		•
9428514			•	•	•	•	•	•	•	•	•	•	•	•		•
9771109			•	•	•	•	•	•	•	•	•	•	•	•		



- Pole top luminaire for installation on pole or wall (dedicated wall mounting bracket).
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content), top cover in pre-galvanised sheet (lower side painted in white) secured to the housing by four extruded aluminium brackets. Acrylic diffuser: clear or opal, 3mm thick.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN60598-1 standards
- Class of insulation: I; LED module: II
- Installation: the fixture is equipped with 1000mm cable. Re-lamping through the removal of a disc fitted on the top cover.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

A++
A+
A

LED VERSION::
Class A / A+ / A++
Luminaire supplied with integrated LED modules that cannot be replaced



.6 Grey



.3 Anthracite



Pole top luminaire



Pre-wired with approx 1000mm of cable



Protection against impact.
IK 07 - 2,00 joule

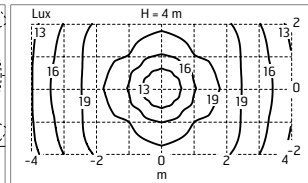
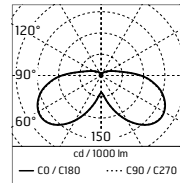
Andrea - Pole Ø 60mm - Opal (inside) Acrylic Diffuser

Light Source: Power LED / 44W / Total power 49W / CRI>80 / 220÷240V / Integral electronic power supply

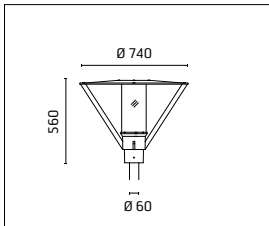


121265112
White 3000K
lm LED 4013 ≠ lm OUTPUT 3375

121264112
White 4000K
lm LED 4275 ≠ lm OUTPUT 3596



@4000K



Dimmable on request

2700K on request

IP65

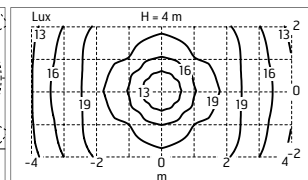
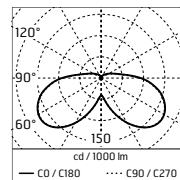
Andrea - Pole Ø 102mm - Opal (inside) Acrylic Diffuser

Light Source: Power LED / 44W / Total power 49W / CRI>80 / 220÷240V / Integral electronic power supply

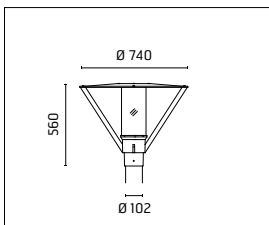


121265114
White 3000K
lm LED 4013 ≠ lm OUTPUT 3375

121264114
White 4000K
lm LED 4275 ≠ lm OUTPUT 3596



@4000K

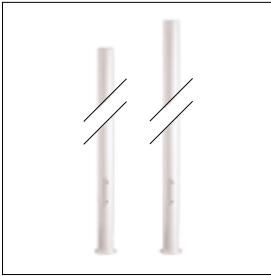


Dimmable on request

2700K on request

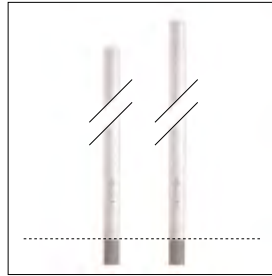
IP65

Andrea / Ø 102mm - Poles



4140
H 4000 mm

4150
H 5000 mm



4145
H 4000 mm (+500mm)

4155
H 5000 mm (+500mm)

**With Base and Access Door
With Terminal Block 4x1,5-16mmq**



.6 Grey



.3 Anthracite

**In-Ground (+500 mm Root) With Access Door
With Terminal Block 4x1,5-16mmq**



.6 Grey



.3 Anthracite

Andrea Wall Version



CODE 125
Wall Bracket



.6 Grey



.3 Anthracite

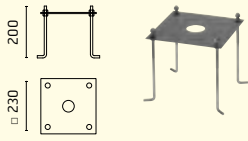




Accessories: Andrea

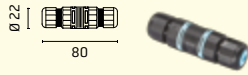
116

BASE PLATE AND FIXING BOLTS
230 x 230 x H 200mm



236

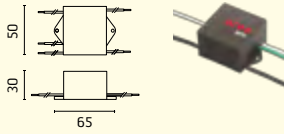
2 WAY TERMINAL BLOCK 4 POLES
IP68 HzO STOP (Ø5,5÷12mm CABLE)



acc. code ▶	116	236	125	237
prod. code ▼				
4140	•			
4145				
4150	•			
4155				
121264112		•	•	•
121264114		•	•	•
121265112		•	•	•
121265114		•	•	•

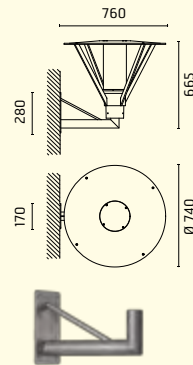
237

SPD: (SURGE PROTECTION DEVICE)
275Vac
MAXIMUM DISCHARGE CURRENT
10KA (8 / 20µs)
MAXIMUM OPERATING CURRENT
5A SUITABLE FOR SERIES CONNEC-
TION - IP66



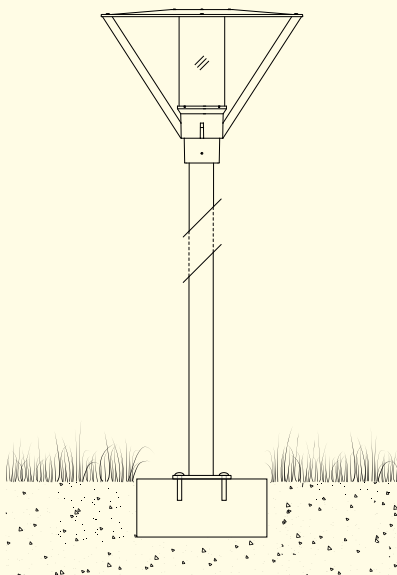
125

WALL BRACKET FOR Ø 60mm HEAD



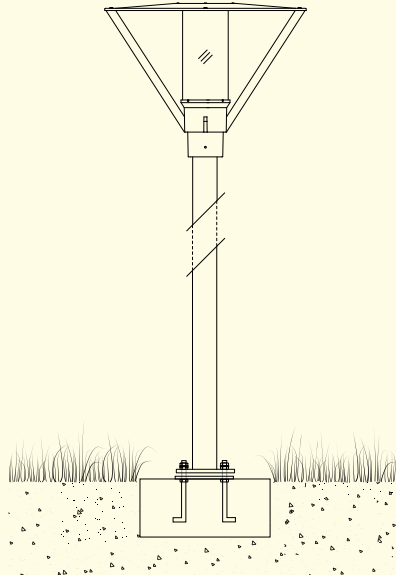
Correct Fixing Method

Bollard fixed on plint +
suitable installation screws



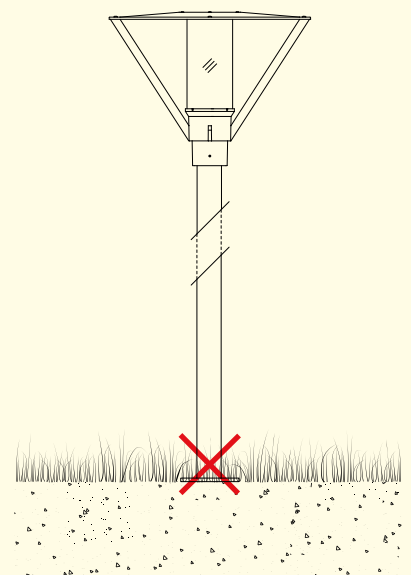
Correct Fixing Method

Bollard fixed on plint + fixing bolts



Incorrect Fixing Method

Do not fix the bollard directly on the ground





MARTINA

- Adjustable spotlight.
- Configuration: turned and anodized (raw or painted) aluminium structure with stainless steel adjustable bracket. Glass diffuser: transparent or sandblasted with silkscreen border, fixed through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP67
- In compliance with EN60598-1 standards
- Class of insulation: III
- Installation: the luminaire is equipped with 2000mm cable. Martina 24V and Maxi Martina 24V are equipped with a dc/dc highly efficient resin-coated converter that removes electromagnetic interference and protects against polarity reversal and sudden voltage peak. Parallel wiring required. Mini Martina, Martina RGB and Maxi Martina RGB requires connection in series.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

A++
A+
A

LED VERSION:
Class A/A+/A++
Luminaire supplied with integrated LED modules that cannot be replaced

MiniMartina, Martina and MaxiMartina



.8 Anodized Aluminium

*AISI 316L stainless steel fixing bracket not painted

Martina and MaxiMartina ONLY



.1 White



.6 Grey



.3 Anthracite



.4 Black



.18 Deep Brown



.12 Forest Green

*AISI 316L stainless steel fixing bracket painted



Ceiling lamp



Wall lamp



Floor installation



Pre-wired with approx 2000mm of cable



Remote device required



Protection against impact.
IK 05 - 0,70 joule
MiniMartina
IK 07 - 2,00 joule
Martina/MaxiMartina

MiniMartina - Transparent Glass - Adjustable - 10°

Light Source: Power LED / 1,1÷1,6W / Total power 1,1W@350mA - 1,6W@500mA / CRI>80 / 350÷500mA



10514422

White 2700K
 lm LED 112@350mA = lm OUTPUT 100@350mA
 lm LED 167@500mA = lm OUTPUT 118@500mA

..|||| Acc. 129, 135, 184 ,218,238 or 239

10514412

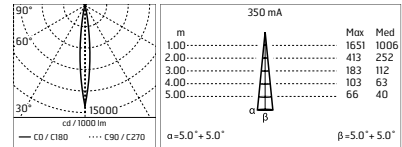
White 3000K
 lm LED 120@350mA = lm OUTPUT 108@350mA
 lm LED 180@500mA = lm OUTPUT 127@500mA

..|||| Acc. 129, 135, 184 ,218,238 or 239

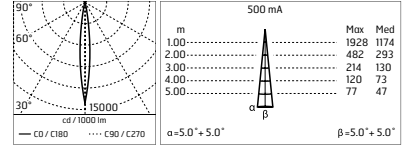
10517112

White 4000K
 lm LED 130@350mA = lm OUTPUT 117@350mA
 lm LED 195@500mA = lm OUTPUT 137@500mA

..|||| Acc. 129, 135, 184 ,218,238 or 239



@3000K



@4000K

IP67

Remote electronic power supply to be ordered

MiniMartina - Transparent Glass - Adjustable - 30°

Light Source: Power LED / 1,1÷1,6W / Total power 1,1W@350mA - 1,6W@500mA / CRI>80 / 350÷500mA



10514420

White 2700K
 lm LED 112@350mA = lm OUTPUT 94@350mA
 lm LED 167@500mA = lm OUTPUT 111@500mA

..|||| Acc. 129, 135, 184 ,218,238 or 239

10514400

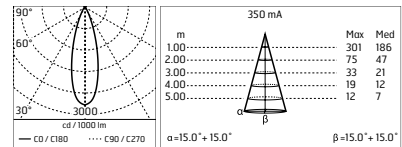
White 3000K
 lm LED 120@350mA = lm OUTPUT 101@350mA
 lm LED 180@500mA = lm OUTPUT 119@500mA

..|||| Acc. 129, 135, 184 ,218,238 or 239

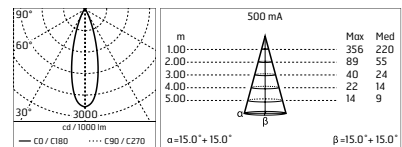
10517100

White 4000K
 lm LED 130@350mA = lm OUTPUT 110@350mA
 lm LED 195@500mA = lm OUTPUT 129@500mA

..|||| Acc. 129, 135, 184 ,218,238 or 239



@3000K



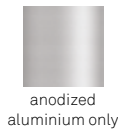
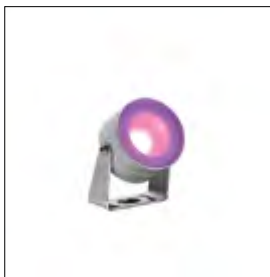
@4000K

IP67

Remote electronic power supply to be ordered

MiniMartina - Sandblasted Glass - Adjustable

Light Source: RGB Power LED / 3,4W / Total power 3,4W / 3Chx350mA / Remote electronic power supply to be ordered



10517300

Wiring diagram and installation scheme RGB

Max 10 luminaires MINIMARTINA RGB
 for each code 141

>> See Page 512
 Wiring Diagram n.5



IP67

Martina - Transparent Glass - Adjustable - 10°

Light Source: Power LED / Remote electronic power supply to be ordered / CRI>80

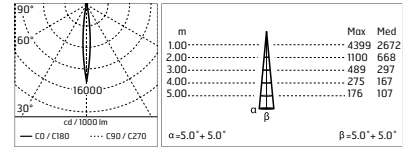


3,3W/24Vdc / Total power 4,5W

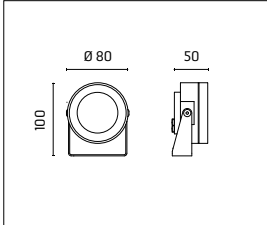
1055622
White 2700K
lm LED 299 ≠ lm OUTPUT 268

1055612
White 3000K
lm LED 321 ≠ lm OUTPUT 288

10517212
White 4000K
lm LED 342 ≠ lm OUTPUT 306



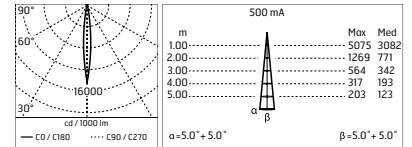
@4000K



3,3÷4,8W / Total power 3,3W@350mA - 5,1W@500mA / 350÷500mA

10510722
White 2700K
lm LED 299@350mA ≠ lm OUTPUT 268@350mA
lm LED 388@500mA ≠ lm OUTPUT 299@500mA

Acc. 129, 135, 184, 218, 238 or 239



@4000K

10510712
White 3000K
lm LED 321@350mA ≠ lm OUTPUT 288@350mA
lm LED 417@500mA ≠ lm OUTPUT 322@500mA

Acc. 129, 135, 184, 218, 238 or 239

10519012
White 4000K
lm LED 342@350mA ≠ lm OUTPUT 307@350mA
lm LED 444@500mA ≠ lm OUTPUT 353@500mA

Acc. 129, 135, 184, 218, 238 or 239

IP67

Martina - Transparent Glass - Adjustable - 10°

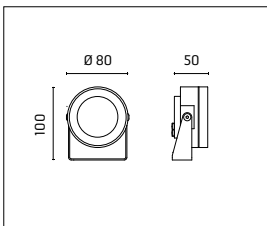
Light Source: RGB Power LED / 3,4W / 3CHx350mA / Remote electronic power supply to be ordered



10517412

Wiring diagram and installation scheme RGB
Max 10 luminaires MARTINA RGB
for each code 141

>> See Page 512
Wiring Diagram n.5



IP67

Martina - Transparent Glass - Adjustable - 35°

Light Source: RGB Power LED / 3,4W / Total power 3,4W / 3CHx350mA / Remote electronic power supply to be ordered

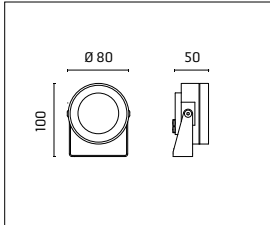


10517400

Wiring diagram and installation scheme RGB

Max 10 luminaires MARTINA RGB
for each code 141

>> See Page 512
Wiring Diagram n.5



IP67

Martina - Transparent Glass - Adjustable - 50°

Light Source: Power LED / CRI>80 / Remote electronic power supply to be ordered



3,3W / Total power 4,5W / 24Vdc

1055620

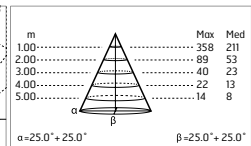
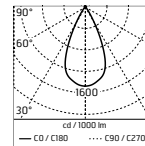
White 2700K
lm LED 299 ≈ lm OUTPUT 212

1055600

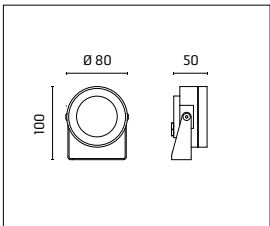
White 3000K
lm LED 321 ≈ lm OUTPUT 228

10517200

White 4000K
lm LED 342 ≈ lm OUTPUT 243



@4000K

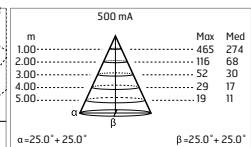
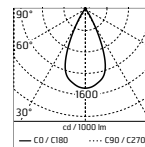


3,3÷4,8W / Total power 3,3W@350mA - 5,1W@500mA / 350÷500mA

10510720

White 2700K
lm LED 299@350mA ≈ lm OUTPUT 212@350mA
lm LED 388@500mA ≈ lm OUTPUT 276@500mA

...|||| Acc. 129, 135, 184, 218, 238 or 239



@4000K

10510700

White 3000K
lm LED 321@350mA ≈ lm OUTPUT 228@350mA
lm LED 417@500mA ≈ lm OUTPUT 297@500mA

...|||| Acc. 129, 135, 184, 218, 238 or 239

10519000

White 4000K
lm LED 342@350mA ≈ lm OUTPUT 243@350mA
lm LED 444@500mA ≈ lm OUTPUT 316@500mA

...|||| Acc. 129, 135, 184, 218, 238 or 239

IP67

MaxiMartina - Transparent Glass - Adjustable - 10°

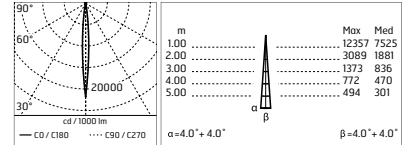
Light Source: Power LED / 9,6W / Total power 11,8W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



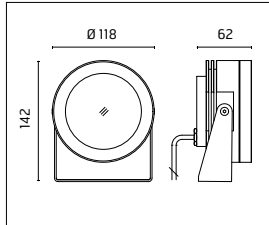
10525522
White 2700K
lm LED 776 ≠ lm OUTPUT 498

10525512
White 3000K
lm LED 834 ≠ lm OUTPUT 535

10525412
White 4000K
lm LED 889 ≠ lm OUTPUT 570



@4000K



Dimmable on request



MaxiMartina - Transparent Glass - Adjustable - 10°

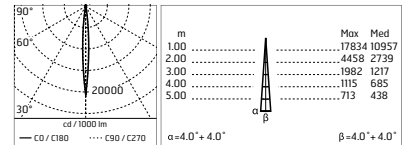
Light Source: Power LED / 14,4W / Total power 17W / CRI>80 / 24Vdc



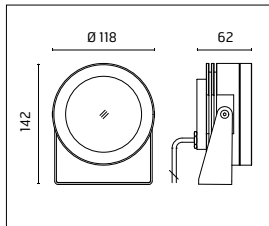
10525222
White 2700K
lm LED 1164 ≠ lm OUTPUT 747

10525212
White 3000K
lm LED 1252 ≠ lm OUTPUT 803

10525112
White 4000K
lm LED 1333 ≠ lm OUTPUT 855



@4000K



Dimmable on request



MaxiMartina - Transparent Glass - Adjustable - 10°

Light Source: RGB Power LED / 13,6W / Total power 13,6W / 3Chx350mA / Remote electronic power supply to be ordered

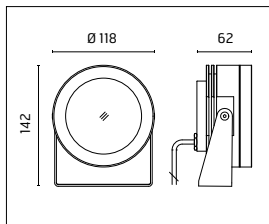


10525612

Wiring diagram and installation scheme RGB

Max 2 luminaires MAXIMARTINA RGB for each code 141

>> See Page 512
Wiring Diagram n.5



MaxiMartina - Transparent Glass - Adjustable - 30°

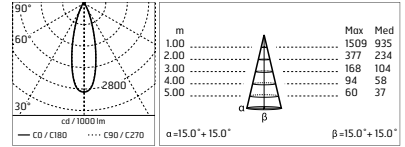
Light Source: Power LED / 9,6W / Total power 11,8W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



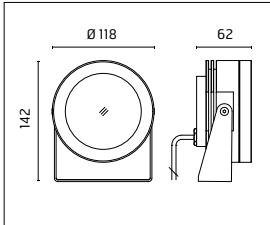
1052520
White 2700K
lm LED 776 ≈ lm OUTPUT 486

1052500
White 3000K
lm LED 834 ≈ lm OUTPUT 523

1052540
White 4000K
lm LED 889 ≈ lm OUTPUT 558



@4000K



Dimmable on request

IP67

MaxiMartina - Transparent Glass - Adjustable - 30°

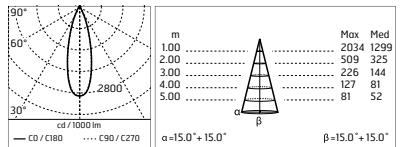
Light Source: Power LED / 14,4W / Total power 17W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



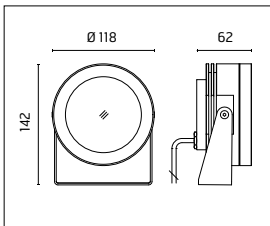
1052520
White 2700K
lm LED 1164 ≈ lm OUTPUT 730

1052500
White 3000K
lm LED 1252 ≈ lm OUTPUT 785

1052510
White 4000K
lm LED 1333 ≈ lm OUTPUT 836



@4000K



Dimmable on request

IP67

MaxiMartina - Transparent Glass - Adjustable - 35°

Light Source: RGB Power LED / 13,6W / Total power 13,6W / 3CHx350mA / Remote electronic power supply to be ordered

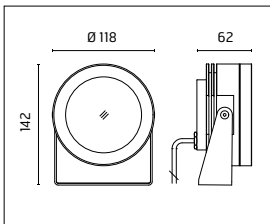


10525600

Wiring diagram and installation scheme RGB

Max 2 luminaires MAXIMARTINA RGB
for each code 141

>> See Page 512
Wiring Diagram n.5



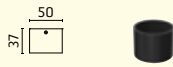
IP67



Accessories: Martina

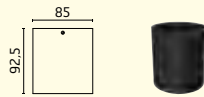
52.4

VISOR MINIMARTINA



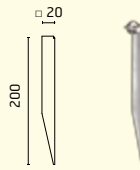
51.4

VISOR MARTINA



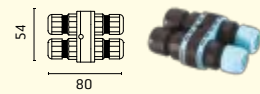
136

GROUND SPIKE - H 200mm



215

3/4 WAY TERMINAL BLOCK 4 POLES
IP68 H₂O STOP (Ø5,5÷12mm CABLE)



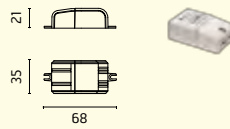
236

2 WAY TERMINAL BLOCK 4 POLES
IP68 H₂O STOP (Ø5,5÷12mm CABLE)



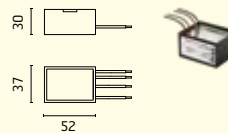
150

POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP20 CLASS II SELV EQ.



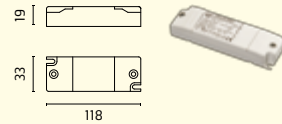
106

POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP65 CLASS II SELV EQ.



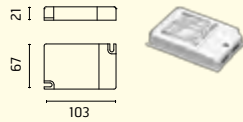
68

POWER SUPPLY 10x1W/100÷265V -
Iout 350mA (7x1W@110V) IP40
CLASS II SELV EQ.



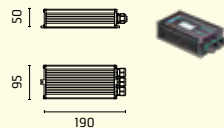
129

POWER SUPPLY 16x1W/110÷240V -
Iout 350mA (12x1W@110V)
IP20 CLASS II SELV EQ.



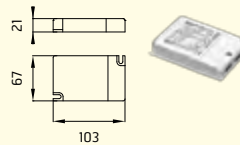
184

POWER SUPPLY 16x1W/110÷240V -
Iout 350mA (12x1W@110V)
IP67 CLASS II SELV.



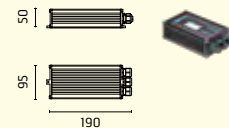
135

POWER SUPPLY 13x2W/110÷240V -
Iout 500mA (7x2W@110V)
IP20 CLASS II SELV EQ.



218

POWER SUPPLY 13x2W/110÷240V -
Iout 500mA (7x2W@110V)
IP67 CLASS II SELV.



... DIMMABLE: PUSH-DIM OR 1-10V
See Page 510 Wiring Diagram n.3

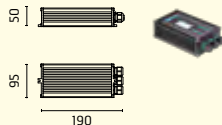
... DIMMABLE: PUSH-DIM OR 1-10V
See Page 510 Wiring Diagram n.3

... DIMMABLE: PUSH-DIM OR 1-10V
See Page 510 Wiring Diagram n.3

DIMMABLE: PUSH-DIM OR 1-10V
See Page 510 Wiring Diagram n.3

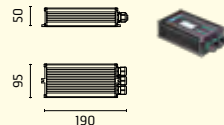
238

POWER SUPPLY 18W/110-240V -
Iout 350mA (15W@110V)
IP67 CLASS II SELV.C



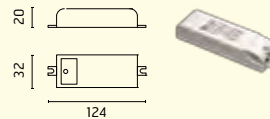
239

POWER SUPPLY 25W/110-240V -
Iout 500mA (15W@110V)
IP67 CLASS II SELV.



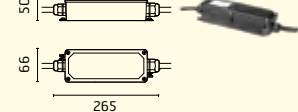
87

POWER SUPPLY 10W/110÷240V -
24Vdc IP20 CLASS II SELV.



110

POWER SUPPLY 70W/220÷240V -
24Vdc IP67 CLASS II SELV EQ.

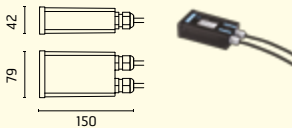


... DIMMABLE: PUSH-DIM OR 1...10V
See Page 510 Wiring Diagram n.3

... DIMMABLE: DALI
See Page 510 Wiring Diagram n.3

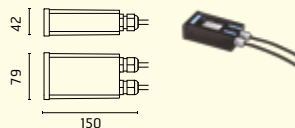
175

POWER SUPPLY 10W/110÷240V -
24Vdc IP67 CLASS II SELV.



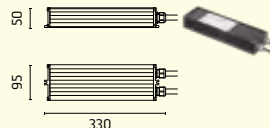
147

POWER SUPPLY 20W/220÷240V -
24Vdc IP67 CLASS II SELV.



155

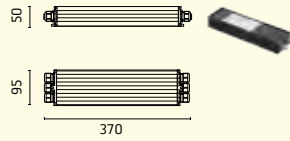
POWER SUPPLY 50W/120÷240V -
24Vdc IP67 CLASS II SELV.



Accessories: Martina

141

POWER SUPPLY WITH DMX INTERFACE FOR RGB FIXTURES
36W/220÷240V-3CHx350mA
(3CHx10x1W) DMX CONTROL ALLOWED
IP67 CLASS I SELV EQ.



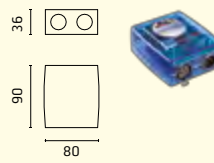
142

DMX CONTROLLER;
DIMMER SWITCH FOR RECESSED BOX
(60mm HOLE CENTRES)



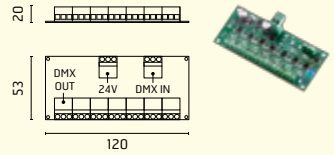
143

DMX CONTROLLER;
STAND-ALONE/PC INTERFACE



187

DMX SPLITTER 512 - ELECTRONIC
DEVICE TO REGENERATE THE MONODI-
RECTIONAL DMX SIGNAL
1 INPUT AND 7 OUTPUT, 12-24V dc



POWER SUPPLY TO BE ORDERED (87 OR 175 RECOMMENDED)

186

DMX CABLE - SHIELDED TWISTED
PAIR WITH 110 Ohm AT LINEAR METER
CONSTANT IMPEDANCE.



acc. code ▶ prod. code ▼	51.4	52.4	136	215	236	150	106	68	129	184	135	218	238	239	87	175	147	155	110	141	142	143	187	186
1055600	•		•	•	•	1	1								2	2	3	7	14					
1055612	•		•	•	•	1	1								2	2	3	7	14					
1055620	•		•	•	•	1	1								2	2	3	7	14					
1055622	•		•	•	•	1	1								2	2	3	7	14					
10510700	•		•		•	2	2	3	5*	5*	2*	2*	3*	3*										
10510712	•		•		•	2	2	3	5*	5*	2*	2*	3*	3*										
10510720	•		•		•	2	2	3	5*	5*	2*	2*	3*	3*										
10510722	•		•		•	2	2	3	5*	5*	2*	2*	3*	3*										
10514400		•	•			6	6	10	16*	16*	12*	12*	9*	9*										
10514412		•	•			6	6	10	16*	16*	12*	12*	9*	9*										
10514420		•	•			6	6	10	16*	16*	12*	12*	9*	9*										
10514422		•	•			6	6	10	16*	16*	12*	12*	9*	9*										
10517100		•	•			6	6	10	16*	16*	12*	12*	9*	9*										
10517112		•	•			6	6	10	16*	16*	12*	12*	9*	9*										
10517200	•		•	•	•	1	1								2	2	3	7	14					
10517212	•		•	•	•	1	1								2	2	3	7	14					
10517300		•	•																	10*	•	•	•	•
10517400	•		•																	10*	•	•	•	•
10517412	•		•																	10*	•	•	•	•
10519000	•		•		•	2	2	3	5*	5*	2*	2*	3*	3*										
10519012	•		•		•	2	2	3	5*	5*	2*	2*	3*	3*										
10525100			•	•	•													1	3					
10525112			•	•	•													1	3					
10525200			•	•	•													1	3					
10525212			•	•	•													1	3					
10525220			•	•	•													1	3					
10525222			•	•	•													1	3					
10525400			•	•	•												1	2	5					
10525412			•	•	•												1	2	5					
10525500			•	•	•												1	2	5					
10525512			•	•	•												1	2	5					
10525520			•	•	•												1	2	5					
10525522			•	•	•												1	2	5					
10525600			•																	2*	•	•	•	•
10525612			•																	2*	•	•	•	•

Max fixtures for each power supply (Vin 220÷240). Data in the chart are provided as a guide only. Please verify according to your installation.
* The voltage at the end of the system depends on the number of fixtures connected in series, please comply with CEI 64-8 standards.



MARTINA AQUA

- Adjustable spotlight.
- Configuration: AISI 316L stainless steel structure and adjustable bracket. Glass diffuser: transparent or sandblasted with silkscreen border, fixed through a robotic gluing system.
- Protection rating: IP68
- In compliance with EN60598-1 standards
- Class of insulation: III
- Installation: the luminaire is equipped with 5000mm cable. Martina Aqua 24V and Maxi Martina Aqua 24V are equipped with a dc/dc highly efficient resin-coated converter that removes electromagnetic interference and protects against polarity reversal and sudden voltage peak. Parallel wiring required. Mini Martina Aqua, Martina Aqua RGB and Maxi Martina Aqua RGB requires connection in series. SELV equivalent remote power supply required.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

A++
A+
A

LED VERSION:
Class A/A+/A++
Luminaire supplied with integrated LED modules that cannot be replaced



.0 Inox



Ceiling lamp



Wall lamp



Floor installation



Pre-wired with approx 5000mm of cable



Remote electronic power supply



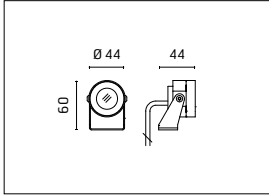
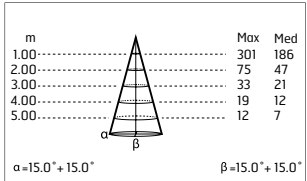
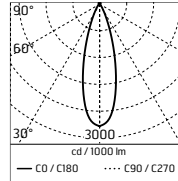
Protection against impact.
IK 05 - 0,70 joule
MiniMartina 316L
IK 07 - 2,00 joule
Martina 316L/MaxiMartina 316L

MiniMartina Aqua - Inox 316L Underwater - Transparent Glass - Adjustable - 30°

Light Source: Power LED / 1,1W / Total power 1,1W / CRI>80 / 350mA / Remote electronic power supply to be ordered



105171143
 White 4000K
 lm LED 130 ≠ lm OUTPUT 110
 Acc. 184 or 238

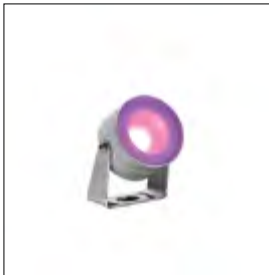


2700K and 3000K on request

IP68 (1MT)

MiniMartina Aqua - Inox 316L Underwater - Sandblasted Glass - Adjustable

Light Source: RGB Power LED / 3,4W / Total power 3,4W / 3Chx350mA / Remote electronic power supply to be ordered

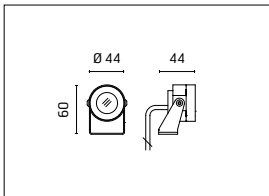


105173143

Wiring diagram and installation scheme RGB

Max 10 luminaires MINIMARTINA AQUA RGB
 for each code 141

>> See Page 512
 Wiring Diagram n.5



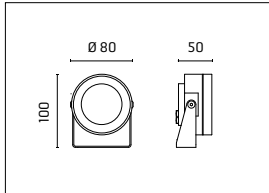
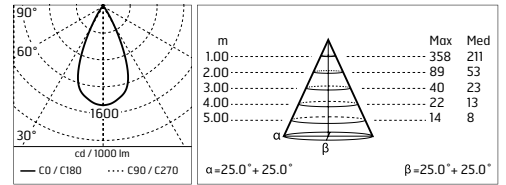
IP68 (1MT)

Martina Aqua - Inox 316L Underwater - Transparent Glass - Adjustable - 50°

Light Source: Power LED / 3,3W / Total power 4,5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



105172144
White 4000K
lm LED 342 ≠ lm OUTPUT 243



2700K and 3000K on request

IP68 (1MT)

Martina Aqua - Inox 316L Underwater - Transparent Glass - Adjustable - 35°

Light Source: RGB Power LED / 3,4W / Total power 3,4W / 3CHx350mA / Remote electronic power supply to be ordered

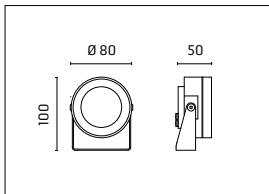


105174144

Wiring diagram and installation scheme RGB

Max 10 luminaires MARTINA AQUA RGB for each code 141

>> See Page 512
Wiring Diagram n.5



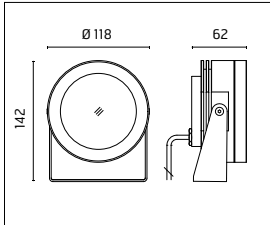
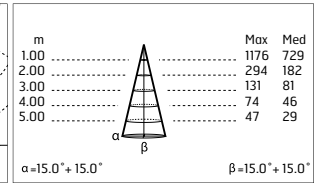
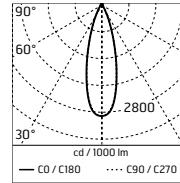
IP68 (1MT)

MaxiMartina Aqua / Inox 316L Underwater - Transparent Glass - Adjustable - 30°

Light Source: Power LED / 6,6W / Total power 9W / CRI>80 / 4Vdc / Remote electronic power supply to be ordered



105266145
White 4000K
lm LED 687 ≈ lm OUTPUT 435



2700K and 3000K on request

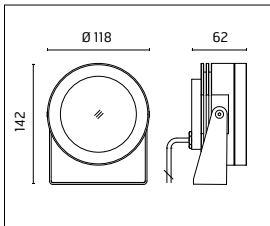
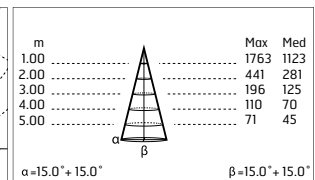
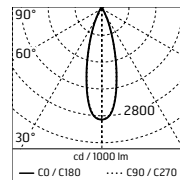
IP68 (1MT)

MaxiMartina Aqua / Inox 316L Underwater - Transparent Glass - Adjustable - 30°

Light Source: Power LED / 9,9W / Total power 14,7W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



105211145
White 4000K
lm LED 1031 ≈ lm OUTPUT 723



2700K and 3000K on request

IP68 (1MT)

MaxiMartina Aqua RGB / Inox 316L Underwater - Transparent Glass - Adjustable - 35°

Light Source: RGB Power LED / 13,6W / Total power 13,6W / 3CHx350mA / Remote electronic power supply to be ordered

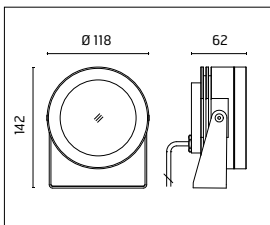


105256145

Wiring diagram and installation scheme RGB

Max 2 luminaires MAXIMARTINA AQUA RGB for each code 141

>> See Page 512
Wiring Diagram n.5



2700K and 3000K on request

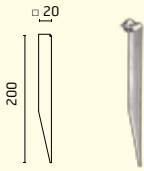
IP68 (1MT)



Accessories: Martina Aqua

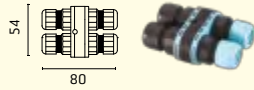
136

GROUND SPIKE - H 200mm



215

3/4 WAY TERMINAL BLOCK 4 POLES
IP68 H₂O STOP (Ø5,5÷12mm CABLE)



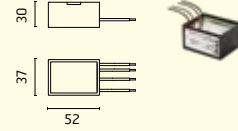
236

2 WAY TERMINAL BLOCK 4 POLES
IP68 H₂O STOP (Ø5,5÷12mm CABLE)



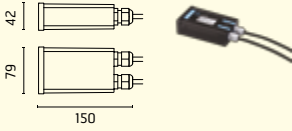
106

POWER SUPPLY DUAL FUNCTION
V_{out} 24Vdc: 8W/100÷240V
I_{out} 350mA: 6x1W/100÷240V
IP65 CLASS II SELV EQ.



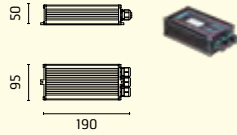
175

POWER SUPPLY 10W/110÷240V -
24Vdc IP67 CLASS II SELV.



184

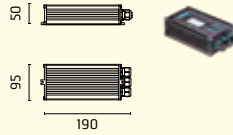
POWER SUPPLY 16x1W/110÷240V -
I_{out} 350mA (12x1W@110V)
IP67 CLASS II SELV.



...DIMMABLE: PUSH-DIM OR 1-10V
See Page 510 Wiring Diagram n.3

238

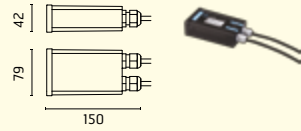
POWER SUPPLY 18W/110-240V -
I_{out} 350mA (15W@110V)
IP67 CLASS II SELV.C



...DIMMABLE: DALI
See Page 510 Wiring Diagram n.3

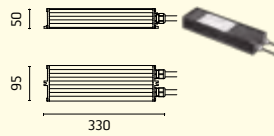
147

POWER SUPPLY 20W/220÷240V -
24Vdc IP67 CLASS II SELV.

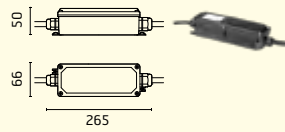


Accessories: Martina Aqua

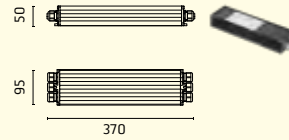
155
POWER SUPPLY 50W/120÷240V -
24Vdc IP67 CLASS II SELV.



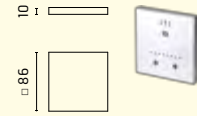
110
POWER SUPPLY 70W/220÷240V -
24Vdc IP67 CLASS II SELV EQ.



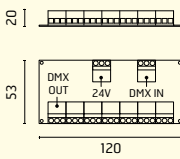
141
POWER SUPPLY WITH DMX
INTERFACE FOR RGB FIXTURES
36W/220÷240V-3CHx350mA
(3CHx10x1W) DMX CONTROL
ALLOWED IP67 CLASS I SELV EQ.



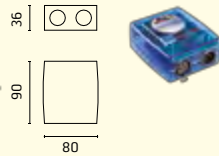
142
DMX CONTROLLER;
DIMMER SWITCH FOR RECESSED BOX
(60mm HOLE CENTRES)



187
DMX SPLITTER 512 - ELECTRONIC DEVICE
TO REGENERATE THE MONODIRECTIONAL
DMX SIGNAL
1 INPUT AND 7 OUTPUT, 12-24Vdc



143
DMX CONTROLLER;
STAND-ALONE/PC INTERFACE



186
DMX CABLE - SHIELDED TWISTED
PAIR WITH 110 Ohm AT LINEAR
METER CONSTANT IMPEDANCE.



**POWER SUPPLY TO BE ORDERED (87 OR
175 RECOMMENDED)**

acc. code ▶	136	215	236	106	175	184	238	147	155	110	141	142	143	187	186
105171143	•			6		16*	9*								
105173143	•										10*	•	•	•	•
105172144	•	•	•	1	2			3	7	14					
105174144	•										10*	•	•	•	•
105211145	•	•	•						3	6					
105256145	•										2*	•	•	•	•
105266145	•	•	•			1			3	7					

Max fixtures for each power supply (Vin 220÷240). Data in the chart are provided as a guide only. Please verify according to your installation.

* The voltage at the end of the system depends on the number of fixtures connected in series, please comply with CEI 64-8 standards.

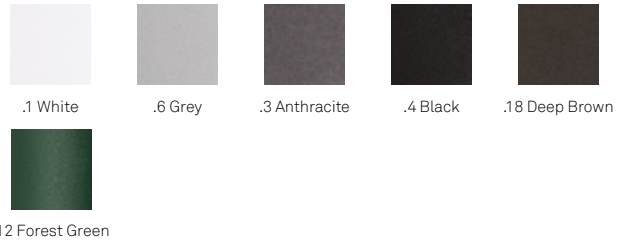


- Spotlight for installation on wall, ceiling or floor.
- Configuration: turned aluminium body (EN AW 6060) and AISI 316L stainless steel fixing bracket. Glass diffuser: extra clear with silk-screen border, fixed to the body through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN60598-1 standards
- Class of insulation: III
- Installation: the luminaire is equipped with 2000mm cable for an easy-to-make connection. It is equipped with a dc/dc highly efficient resin-coated converter that removes electromagnetic interference and protects against polarity reversal and sudden voltage peak. Parallel wiring required.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

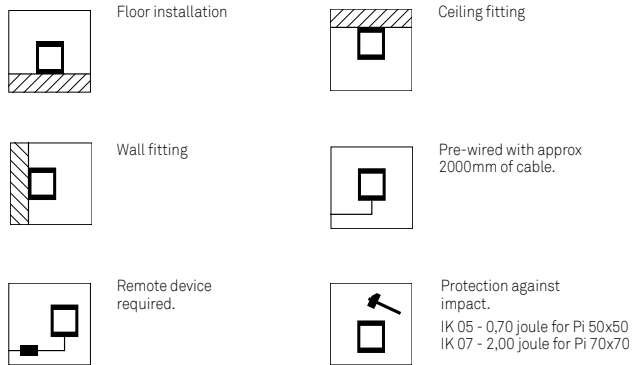
EU Regulation 874/2012 - Illumination equipment energy classes

A++
A+
A

LED VERSION:
Class A/A+/A++
Luminaire supplied with integrated LED modules that cannot be replaced



*AISI 316L stainless steel fixing bracket not painted.



Pi - 50x50mm - Adjustable - 10°

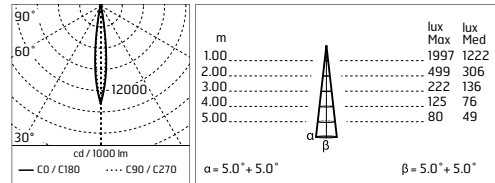
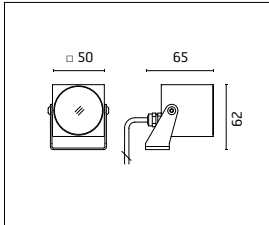
Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



509005
White 2700K
lm LED 169 ≈ lm OUTPUT 118

509003
White 3000K
lm LED 182 ≈ lm OUTPUT 127

509002
White 4000K
lm LED 198 ≈ lm OUTPUT 138



@4000K

Dimmable on request

IP65

Pi - 50x50mm - Adjustable - 30°

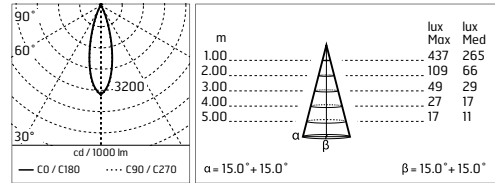
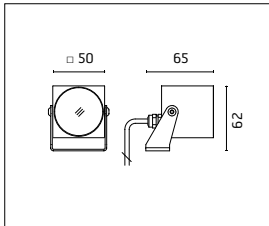
Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



509015
White 2700K
lm LED 169 ≈ lm OUTPUT 106

509013
White 3000K
lm LED 182 ≈ lm OUTPUT 114

509012
White 4000K
lm LED 198 ≈ lm OUTPUT 125



@4000K

Dimmable on request

IP65

Pi - 50x50mm - Adjustable - 10°

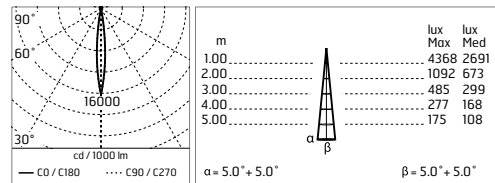
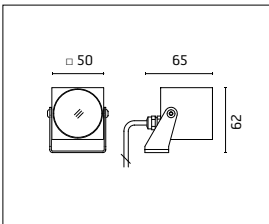
Light Source: Power LED / 3,3W / Total power 4,5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



509025
White 2700K
lm LED 307 ≈ lm OUTPUT 219

509023
White 3000K
lm LED 330 ≈ lm OUTPUT 236

509022
White 4000K
lm LED 360 ≈ lm OUTPUT 258



@4000K

Dimmable on request

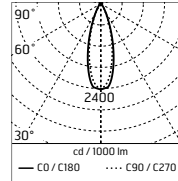
IP65

Pi - 50x50mm - Adjustable - 30°

Light Source: Power LED / 3,3W / Total power 4,5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



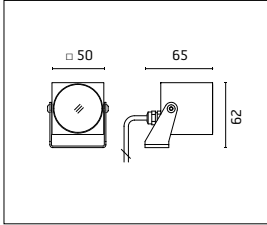
- 509035**
White 2700K
lm LED 307 ≠ lm OUTPUT 176
- 509033**
White 3000K
lm LED 330 ≠ lm OUTPUT 189
- 509032**
White 4000K
lm LED 360 ≠ lm OUTPUT 207



m	lux Max	lux Med
1.00	524	318
2.00	131	79
3.00	58	35
4.00	33	20
5.00	21	13

α = 15.0° + 15.0° β = 15.0° + 15.0°

@4000K



Dimmable on request

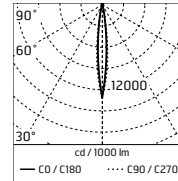


Pi - 70x70mm - Adjustable - 10°

Light Source: Power LED / 4,8W / Total power 5,9W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



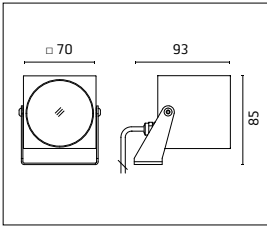
- 509045**
White 2700K
lm LED 388 ≠ lm OUTPUT 309
- 509043**
White 3000K
lm LED 417 ≠ lm OUTPUT 332
- 509042**
White 4000K
lm LED 444 ≠ lm OUTPUT 353



m	lux Max	lux Med
1.00	5338	3170
2.00	1334	793
3.00	593	352
4.00	334	198
5.00	214	127

α = 5.0° + 5.0° β = 5.0° + 5.0°

@4000K



Dimmable on request

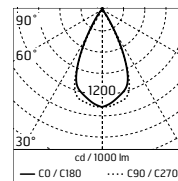


Pi - 70x70mm - Adjustable - 50°

Light Source: Power LED / 4,8W / Total power 5,9W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



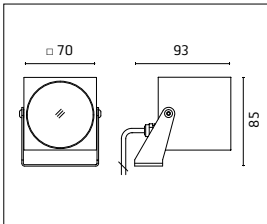
- 509055**
White 2700K
lm LED 388 ≠ lm OUTPUT 273
- 509053**
White 3000K
lm LED 417 ≠ lm OUTPUT 294
- 509052**
White 4000K
lm LED 444 ≠ lm OUTPUT 326



m	lux Max	lux Med
1.00	524	308
2.00	131	77
3.00	58	34
4.00	33	19
5.00	21	12

α = 25.0° + 25.0° β = 25.0° + 25.0°

@4000K



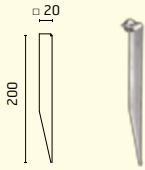
Dimmable on request



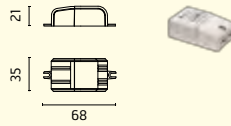


Accessories: Pi

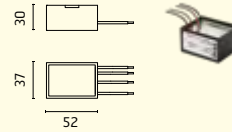
136
GROUND SPIKE - H 200mm



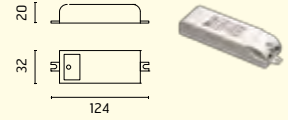
150
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP20 CLASS II SELV EQ.



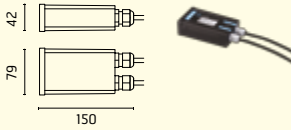
106
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP65 CLASS II SELV EQ.



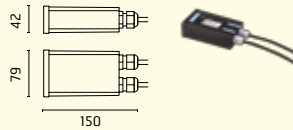
87
POWER SUPPLY 10W/110÷240V -
24Vdc IP20 CLASS II SELV.



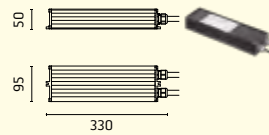
175
POWER SUPPLY 10W/110÷240V -
24Vdc IP67 CLASS II SELV.



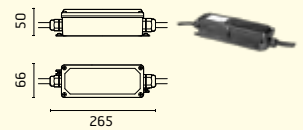
147
POWER SUPPLY 20W/220÷240V -
24Vdc IP67 CLASS II SELV.



155
POWER SUPPLY 50W/120÷240V -
24Vdc IP67 CLASS II SELV.



110
POWER SUPPLY 70W/220÷240V -
24Vdc IP67 CLASS II SELV EQ.



acc. code ▶	136	150	106	87	175	147	155	110
509002	•	1	1	2	2	3	9	17
509003	•	1	1	2	2	3	9	17
509005	•	1	1	2	2	3	9	17
509012	•	1	1	2	2	3	9	17
509013	•	1	1	2	2	3	9	17
509015	•	1	1	2	2	3	9	17
509022	•	1	1	2	2		7	14
509023	•	1	1	2	2		7	14
509025	•	1	1	2	2		7	14
509032	•	1	1	2	2		7	14
509033	•	1	1	2	2		7	14
509035	•	1	1	2	2		7	14
509042	•			1	1	2	6	12
509043	•			1	1	2	6	12
509045	•			1	1	2	6	12
509052	•			1	1	2	6	12
509053	•			1	1	2	6	12
509055	•			1	1	2	6	12

Max fixtures for each power supply (Vin 220÷240).
Data in the chart are provided as a guide only.
Please verify according to your installation.



ECLIPSE

- Slim round luminaire for installation on wall – surface mounted.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content), stainless steel bracket and transparent polycarbonate emitting unit.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN60598-1 standards
- Class of insulation: II; 24V version: III
- Installation: the luminaire is equipped with a piece of neoprene cable (approx. 200mm) for an easy-to-make connection. Direct screwing on surface through the stainless steel bracket.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:
Class A/A+/A++
Luminaire supplied with integrated LED modules that cannot be replaced



.1 White



.6 Grey



.3 Anthracite



.4 Black



.18 Deep Brown



.12 Forest Green



Wall fitting



Pre-wired with approx 200mm of cable



Remote device required for low voltage version



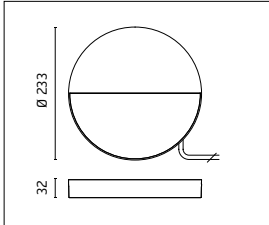
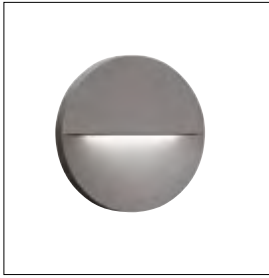
Protection against impact IK 09 - 10,00 joule



Glow wire test: 650°C

Eclipse

Light Source: Mid-Power LED / CRI>80

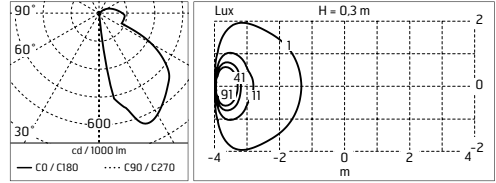


6W / Total power 10W / 220÷240V / Integral electronic power supply

542007
White 2700K
lm LED 739 ≈ lm OUTPUT 387

542003
White 3000K
lm LED 795 ≈ lm OUTPUT 416

542002
White 4000K
lm LED 835 ≈ lm OUTPUT 437



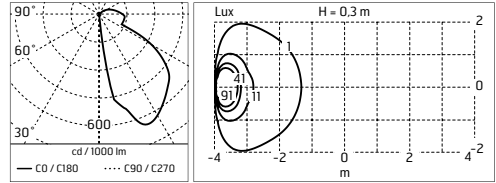
@4000K

6W / Total power 7,5W / 24Vdc / Remote electronic power supply to be ordered

542009
White 2700K
lm LED 739 ≈ lm OUTPUT 387
..||| Acc. 144, 176 or 252

542006
White 3000K
lm LED 795 ≈ lm OUTPUT 416
..||| Acc. 144, 176 or 252

542005
White 4000K
lm LED 835 ≈ lm OUTPUT 437
..||| Acc. 144, 176 or 252



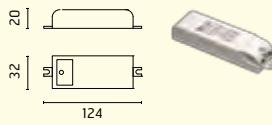
@4000K

IP65  CE

Accessories: Eclipse

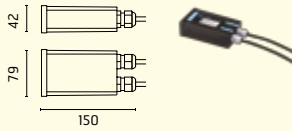
87

POWER SUPPLY 10W/110÷240V - 24Vdc IP20 CLASS II SELV.



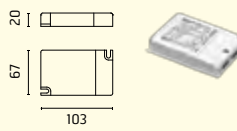
175

POWER SUPPLY 10W/110÷240V - 24Vdc IP67 CLASS II SELV.



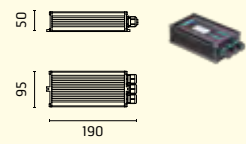
144

POWER SUPPLY 17W/110÷240V - 24Vdc (15W@110V) IP20 CLASS II SELV.



176

POWER SUPPLY 17W/110÷240V - 24Vdc (15W@110V) IP67 CLASS II SELV.

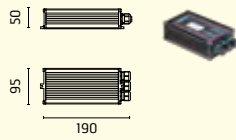


... DIMMABLE: PUSH-DIM OR 1-10V
See Page 510 Wiring Diagram n.4

... DIMMABLE: PUSH-DIM OR 1-10V
See Page 510 Wiring Diagram n.4

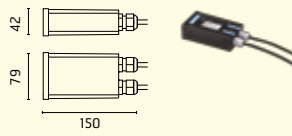
252

POWER SUPPLY 20W/110-240Vdc (15W@110V) IP67 CLASS II SELV.



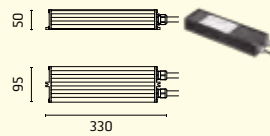
147

POWER SUPPLY 20W/220÷240V - 24Vdc IP67 CLASS II SELV.



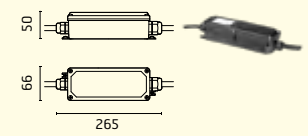
155

POWER SUPPLY 50W/120÷240V - 24Vdc IP67 CLASS II SELV.



110

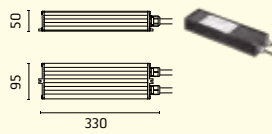
POWER SUPPLY 70W/220÷240V - 24Vdc IP67 CLASS II SELV EQ.



... DIMMABLE: DALI
See Page 510 Wiring Diagram n.4

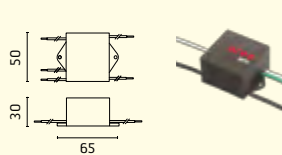
156

POWER SUPPLY 96W /120÷277V - 24Vdc IP67 CLASS II SELV.



237

SPD: (SURGE PROTECTION DEVICE)
275Vac MAXIMUM DISCHARGE CURRENT 10KA (8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNECTION
- IP66



acc. code ▶	87	175	144	176	252	147	155	110	156	237
prod. code ▼										
542002										•
542003										•
542005	1	1	2	2	2	2	6	9	12	
542006	1	1	2	2	2	2	6	9	12	
542007										•
542009	1	1	2	2	2	2	6	9	12	

Max fixtures for each power supply (Vin 220÷240).
Data in the chart are provided as a guide only.
Please verify according to your installation.



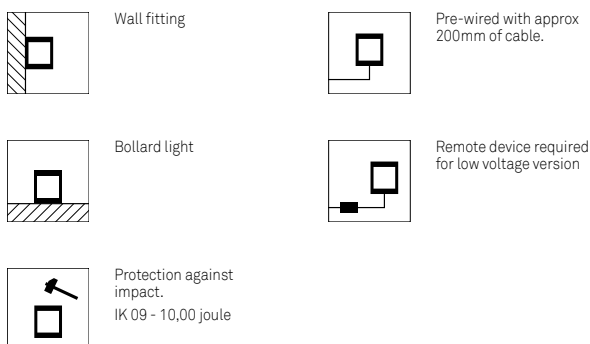
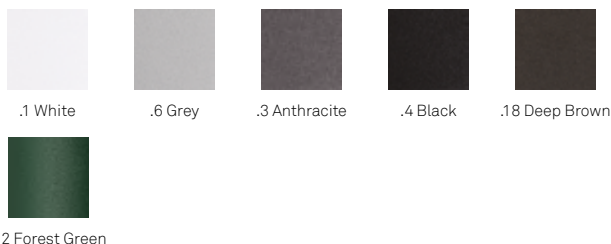
HYPERION

- Rectangular luminaire for installation on wall – surface mounted.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content), stainless steel bracket and transparent polycarbonate emitting unit. Optional accessory: aluminium reflector (fixed by a double-sided technical tape)
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN60598-1 standards
- Class of insulation: II; 24V version: III
- Installation: the luminaire is equipped with a piece of neoprene cable (approx. 200mm) for an easy-to-make connection. Direct screwing on surface through the stainless steel bracket.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

A++
A+
A

LED VERSION:
Class A/A+/A++
Luminaire supplied with integrated LED modules that cannot be replaced



Hyperion

Light Source: Mid-Power LED / CRI>80



□ 6W / Total power 10W / 220÷240V / Integral electronic power supply

527005

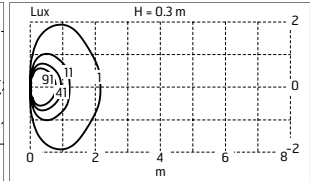
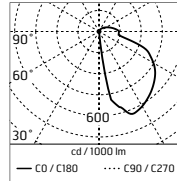
White 2700K
lm LED 739 ≈ lm OUTPUT 370

527003

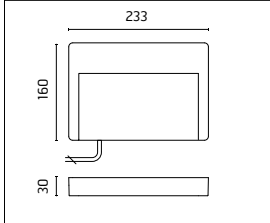
White 3000K
lm LED 795 ≈ lm OUTPUT 398

527002

White 4000K
lm LED 835 ≈ lm OUTPUT 418



@4000K



◇ 6W / Total power 7,5W / 24Vdc / Remote electronic power supply to be ordered

527015

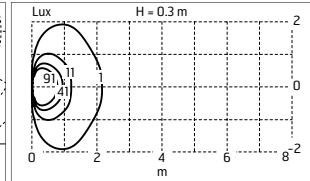
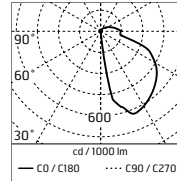
White 2700K
lm LED 739 ≈ lm OUTPUT 370
...||| Acc. 144, 176 or 252

527013

White 3000K
lm LED 795 ≈ lm OUTPUT 398
...||| Acc. 144, 176 or 252

527012

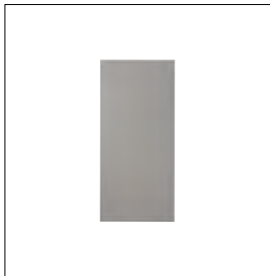
White 4000K
lm LED 835 ≈ lm OUTPUT 418
...||| Acc. 144, 176 or 252



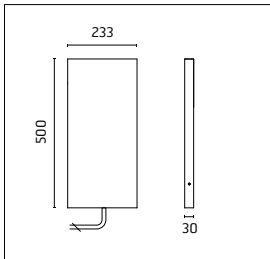
@4000K

IP65  CE

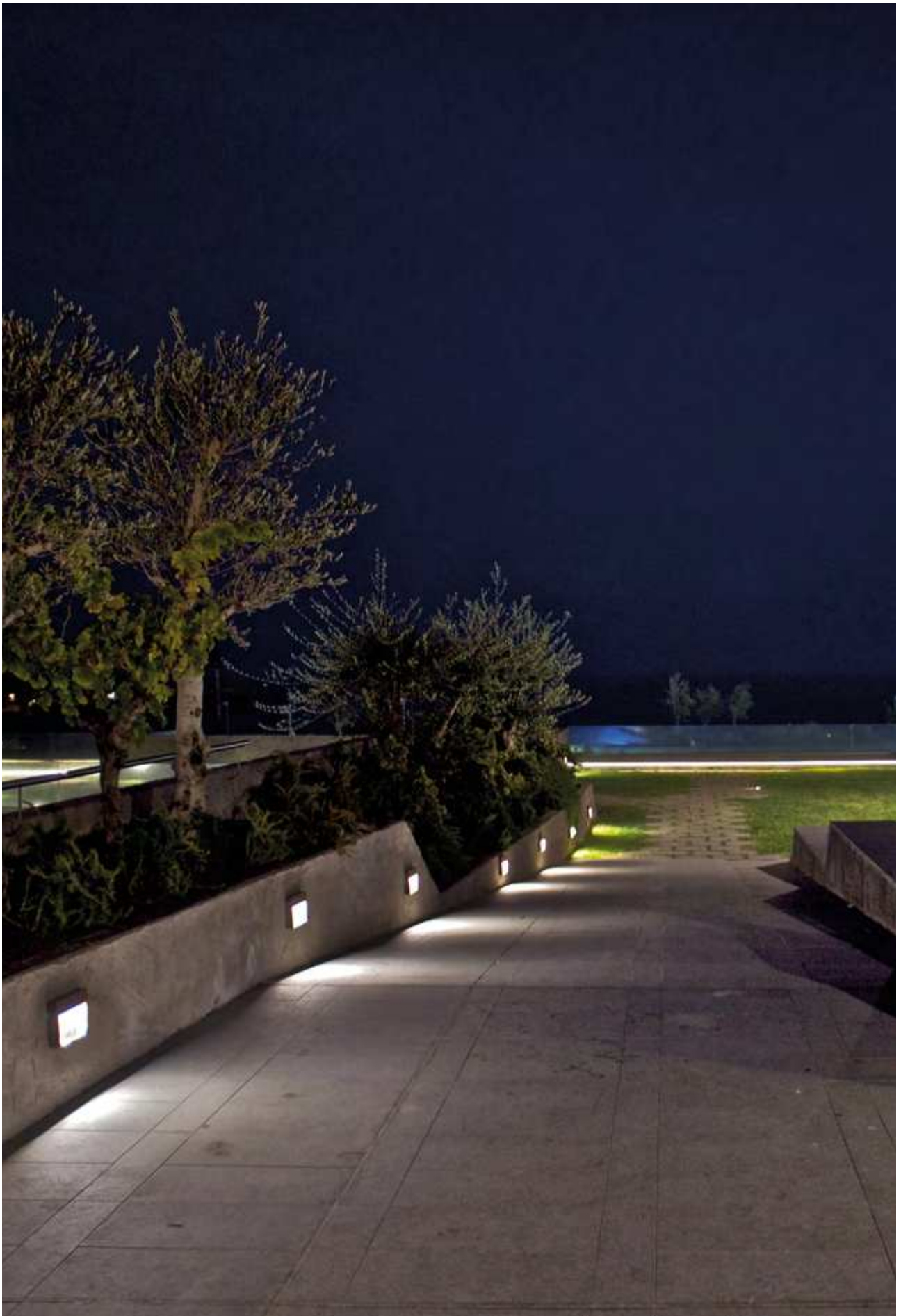
Hyperion Mid-Power LED / Pole



245
H 500 mm

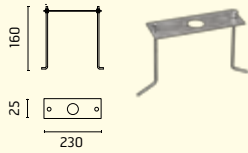




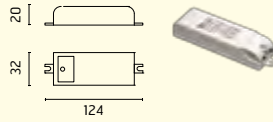


Accessories: Hyperion

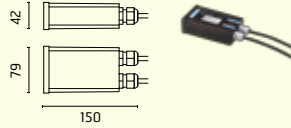
247
BASE PLATE AND FIXING BOLTS
230 x 25 H 160mm



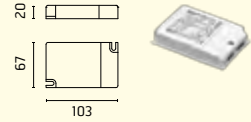
87
POWER SUPPLY 10W/110÷240V -
24Vdc IP20 CLASS II SELV.



175
POWER SUPPLY 10W/110÷240V -
24Vdc IP67 CLASS II SELV.

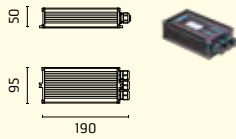


144
POWER SUPPLY 17W/110÷240V -
24Vdc (15W@110V) IP20 CLASS II
SELV.



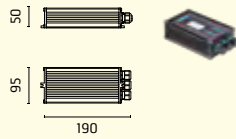
... DIMMABLE: PUSH-DIM OR 1-10V
See Page 510 Wiring Diagram n.4

176
POWER SUPPLY 17W/110÷240V - 24Vdc
(15W@110V) IP67 CLASS II SELV.



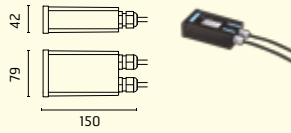
... DIMMABLE: PUSH-DIM OR 1-10V
See Page 510 Wiring Diagram n.4

252
POWER SUPPLY 20W/110-240Vdc
(15W@110V) IP67 CLASS II SELV.

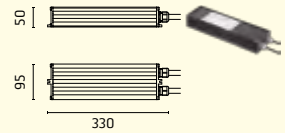


... DIMMABLE: DALI
See Page 510 Wiring Diagram n.4

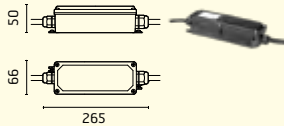
147
POWER SUPPLY 20W/220÷240V -
24Vdc IP67 CLASS II SELV.



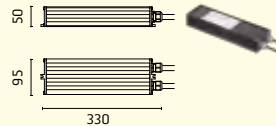
155
POWER SUPPLY 50W/120÷240V -
24Vdc IP67 CLASS II SELV.



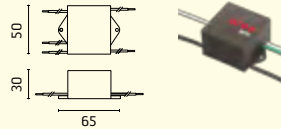
110
POWER SUPPLY 70W/220÷240V -
24Vdc IP67 CLASS II SELV EQ.



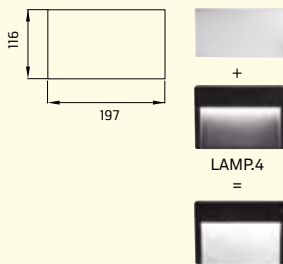
156
POWER SUPPLY 96W /120÷277V - 24Vdc
IP67 CLASS II SELV.



237
SPD: (SURGE PROTECTION DEVICE)
275Vac
MAXIMUM DISCHARGE CURRENT 10KA
(8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNECTION
- IP66



160
SATIN ALUMINIUM CARTER
THICKNESS 0.5mm



LAMP4+cod.160 = +20% lm

acc. code ▶	160	87	175	144	176	252	147	155	110	156	237	247
prod. code ▼												
245												•
527002	•										•	
527003	•										•	
527005	•										•	
527012	•	1	1	2	2	2	2	6	9	12		
527013	•	1	1	2	2	2	2	6	9	12		
527015	•	1	1	2	2	2	2	6	9	12		

Max fixtures for each power supply (Vin 220÷240). Data in the chart are provided as a guide only. Please verify according to your installation.

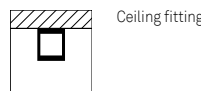
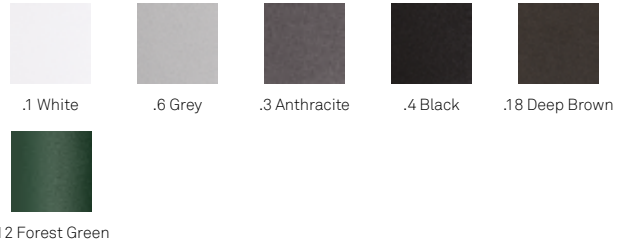


- Round luminaire for installation on wall or ceiling – surface mounted.
- Configuration: die-cast aluminium structure and frame, EN AB-47100 alloy (low copper content). Polycarbonate diffuser: opal with satin finish.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP66
- In compliance with EN60598-1 standards
- Class of insulation: I
- Installation: the luminaire is equipped with two cable holders and a three-pole quick-connection terminal. Giulia Ø200 and Ø300: 5mm <math>\lt; \lt;/math> Ø <math>\lt; \lt;/math> 10mm cables. Giulia Ø400: 6mm <math>\lt; \lt;/math> Ø <math>\lt; \lt;/math> 13mm cables. Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:
Class A/A+/A++
Luminaire supplied with integrated LED modules that cannot be replaced



Ceiling fitting



Wall fitting



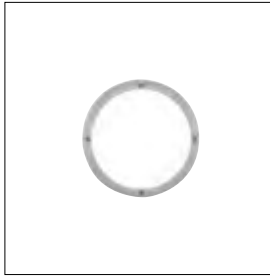
The fitting is equipped with 2 cable input



Protection against impact.
IK 10- 20,00 joule

Giulia200

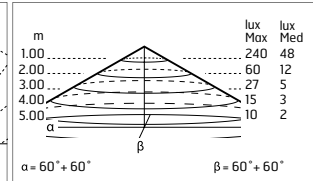
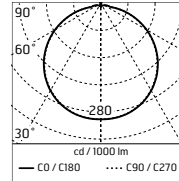
Light Source: Mid-Power LED / 8,8W / Total power 11W / CRI>80 / 220÷240V / Integral electronic power supply



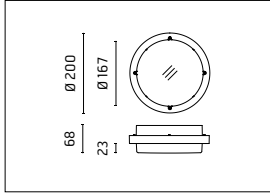
544007
White 2700K
lm LED 1202 ≠ lm OUTPUT 732

544002
White 3000K
lm LED 1292 ≠ lm OUTPUT 787

544001
White 4000K
lm LED 1334 ≠ lm OUTPUT 812



@4000K



IP66

Giulia300

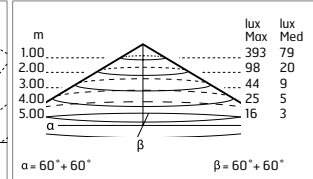
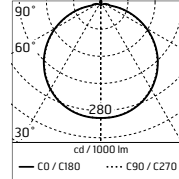
Light Source: Mid-Power LED / 14,3W / Total power 15,5W / CRI>80 / 220÷240V / Integral electronic power supply



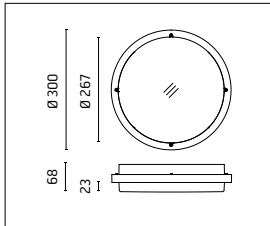
544008
544008-300 Dimmable Dali
544008-310 Dimmable 1-10
White 2700K
lm LED 1874 ≠ lm OUTPUT 1150

544004
544004-300 Dimmable Dali
544004-310 Dimmable 1-10
White 3000K
lm LED 2015 ≠ lm OUTPUT 1237

544003
544003-300 Dimmable Dali
544003-310 Dimmable 1-10
White 4000K
lm LED 2168 ≠ lm OUTPUT 1330



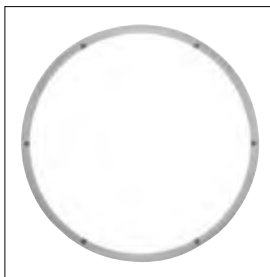
@4000K



IP66

Giulia400

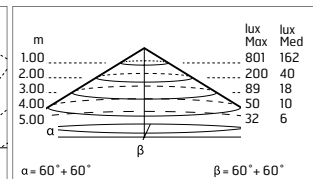
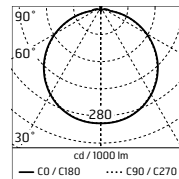
Light Source: Mid-Power LED / 19,8W / Total power 31,5W / CRI>80 / 110÷240V / Integral electronic power supply



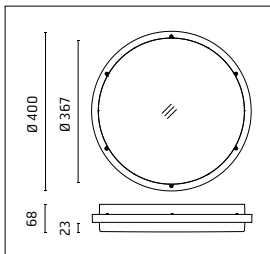
544009
544009-300 Dimmable Dali
544009-310 Dimmable 1-10
White 2700K
lm LED 3590 ≠ lm OUTPUT 2345

544006
544006-300 Dimmable Dali
544006-310 Dimmable 1-10
White 3000K
lm LED 3860 ≠ lm OUTPUT 2521

544005
544005-300 Dimmable Dali
544005-310 Dimmable 1-10
White 4000K
lm LED 4152 ≠ lm OUTPUT 2712



@4000K

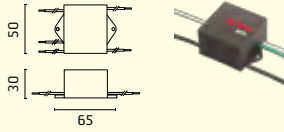


IP66

Accessories: Giulia

237

SPD: (SURGE PROTECTION DEVICE)
 275Vac
 MAXIMUM DISCHARGE CURRENT
 10KA (8/20µs)
 MAXIMUM OPERATING CURRENT 5A
 SUITABLE FOR SERIES CONNECTION
 - IP66



acc. code ▶	dimmi DALI	dimmi 1-10	237
prod. code ▼			
544001			•
544002			•
544003	-300	-310	•
544004	-300	-310	•
544005	-300	-310	•
544006	-300	-310	•
544007			•
544008	-300	-310	•
544009	-300	-310	•



ARCADIA

- Linear luminaire for installation on wall or ceiling – surface mounted.
- Configuration: die-cast aluminium closing ends, EN AB-47100 alloy (low copper content), extruded aluminium structure and zinc-coated steel fixing brackets. Glass diffuser: transparent or sandblasted with silkscreen border, fixed to the aluminium through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN60598-1 standards
- Class of insulation: I; RGB: I
- Installation: the luminaire is equipped with a piece of cable (approx. 500mm) and an M16 cable-gland (4,5mm ϕ <math>< 10\text{mm}</math> cables) closed with a removable cap. The electrical components are installed on a removable frame accessible by unscrewing the closing ends. Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating.
Damages on the coating exposed to outdoor conditions or water, could cause corrosion.
Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:
Class A/A+/A++
Luminaire supplied with integrated LED modules that cannot be replaced

FLUORESCENT VERSION:
Class A+
T16/G5



.1 White



.6 Grey



.3 Anthracite



.4 Black



.18 Deep Brown



.12 Forest Green



Wall fitting



Ceiling fitting



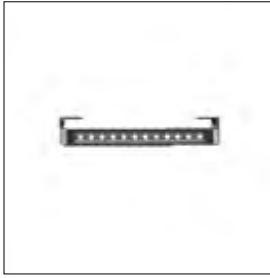
The fitting is equipped with 1 cable (500mm) and 1 cable input



Protection against impact.
IK 07 - 2,00 joule

Arcadia640 - With Brackets L 80mm - Transparent Glass - Adjustable - 10°

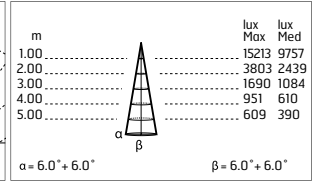
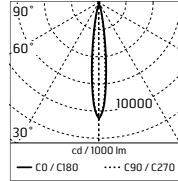
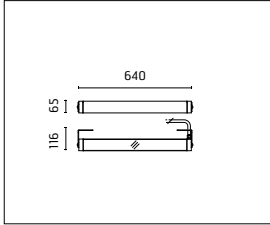
Light Source: Power LED / 13,2W / Total power 16W / CRI>80 / 220±240V / Integral electronic power supply



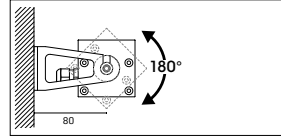
545070
545070-300 Dimmable Dali
545070-310 Dimmable 1-10
 White 2700K
 lm LED 1339 ≈ lm OUTPUT 1222

545003
545003-300 Dimmable Dali
545003-310 Dimmable 1-10
 White 3000K
 lm LED 1440 ≈ lm OUTPUT 1314

545002
545002-300 Dimmable Dali
545002-310 Dimmable 1-10
 White 4000K
 lm LED 1560 ≈ lm OUTPUT 1423



@4000K



IP65

Arcadia640 - With Brackets L 80mm - Transparent Glass - Adjustable - 40°

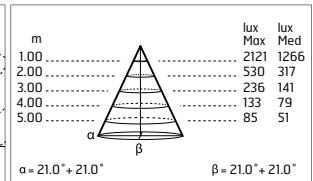
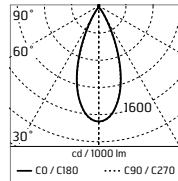
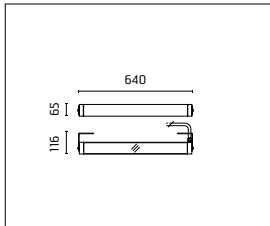
Light Source: Power LED / 13,2W / Total power 16W / CRI>80 / 220±240V / Integral electronic power supply



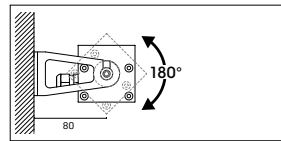
545072
545072-300 Dimmable Dali
545072-310 Dimmable 1-10
 White 2700K
 lm LED 1339 ≈ lm OUTPUT 1070

545006
545006-300 Dimmable Dali
545006-310 Dimmable 1-10
 White 3000K
 lm LED 1440 ≈ lm OUTPUT 1151

545005
545005-300 Dimmable Dali
545005-310 Dimmable 1-10
 White 4000K
 lm LED 1560 ≈ lm OUTPUT 1247



@4000K



IP65

Arcadia640 - With Brackets L 80mm - Sandblasted Glass - Adjustable

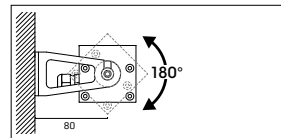
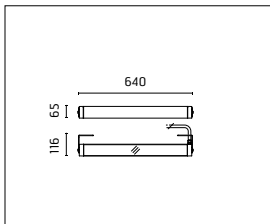
Light Source: RGB Power LED / 20,4W / Total power 28W / 230V / with DMX-RDM interface



545100

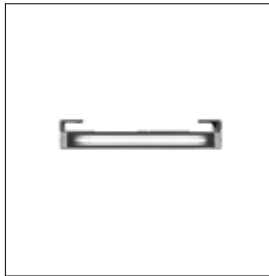
Wiring diagram and installation scheme RGB

>> See Page 513
 Wiring Diagram n.8

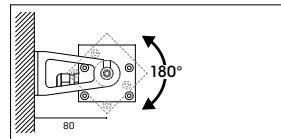
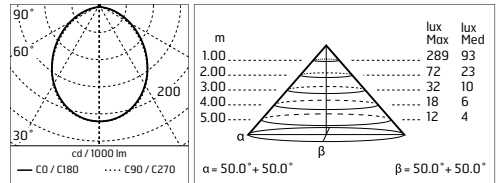
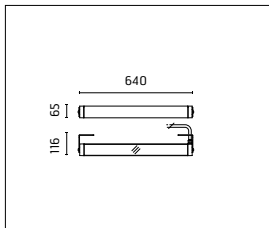


IP65

Arcadia640 - With Brackets L 80mm - Sandblasted Glass - Adjustable



545008
545008-300 Dimmable Dali
 T16 14W G5
 Electronic ballast

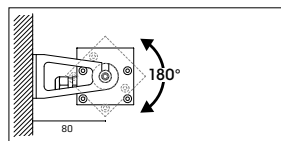
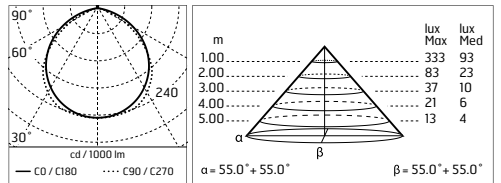
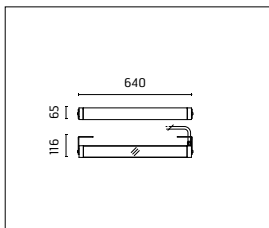


IP65

Arcadia640 - With Brackets L 80mm - Transparent Glass - Adjustable



545007
545007-300 Dimmable Dali
 T16 14W G5
 Electronic ballast



IP65

Arcadia640 - With Brackets L 200mm - Transparent Glass - Adjustable - 10°

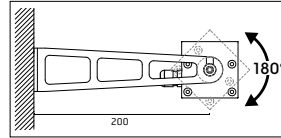
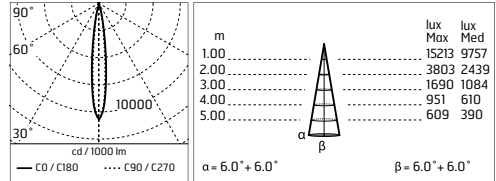
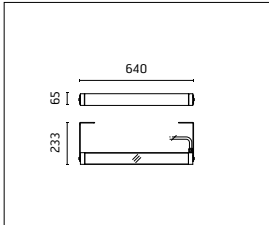
Light Source: Power LED / 13,2W / Total power 16W / CRI>80 / 220÷240V / Integral electronic power supply



545074
545074-300 Dimmable Dali
545074-310 Dimmable 1-10
 White 2700K
 lm LED 1339 ≈ lm OUTPUT 1222

545012
545012-300 Dimmable Dali
545012-310 Dimmable 1-10
 White 3000K
 lm LED 1440 ≈ lm OUTPUT 1314

545011
545011-300 Dimmable Dali
545011-310 Dimmable 1-10
 White 4000K
 lm LED 1560 ≈ lm OUTPUT 1423



@4000K

IP65

Arcadia640 - With Brackets L 200mm - Transparent Glass - Adjustable - 40°

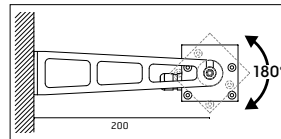
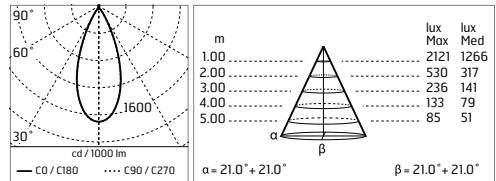
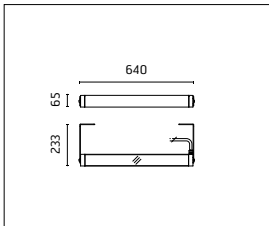
Light Source: Power LED / 13,2W / Total power 16W / CRI>80 / 220÷240V / Integral electronic power supply



545076
545076-300 Dimmable Dali
545076-310 Dimmable 1-10
 White 2700K
 lm LED 1339 ≈ lm OUTPUT 1070

545015
545015-300 Dimmable Dali
545015-310 Dimmable 1-10
 White 3000K
 lm LED 1440 ≈ lm OUTPUT 1151

545014
545014-300 Dimmable Dali
545014-310 Dimmable 1-10
 White 4000K
 lm LED 1560 ≈ lm OUTPUT 1247



@4000K

IP65

Arcadia640 With Brackets L 200mm - Sandblasted Glass - Adjustable

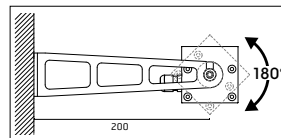
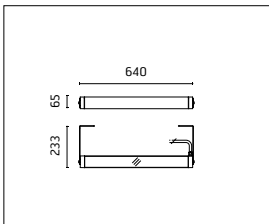
Light Source: RGB Power LED / 20,4W / Total power 28W / 230V / with DMX-RDM interface



545102

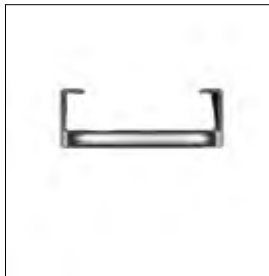
Wiring diagram and installation scheme RGB

>> See Page 513
 Wiring Diagram n.8

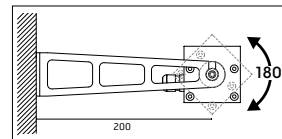
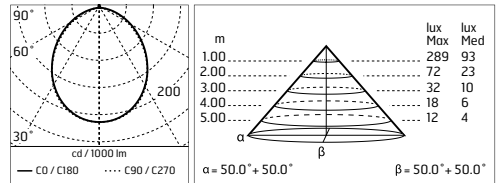
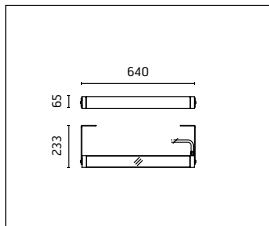


IP65

Arcadia640 / With Brackets L 200mm - Sandblasted Glass - Adjustable

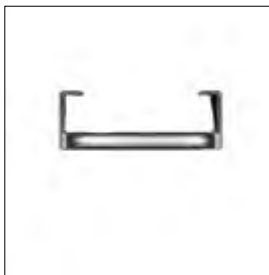


545017
545017-300 Dimmable Dali
 T16 14W G5
 Electronic ballast

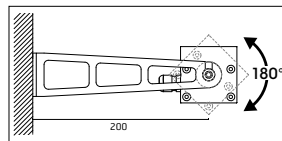
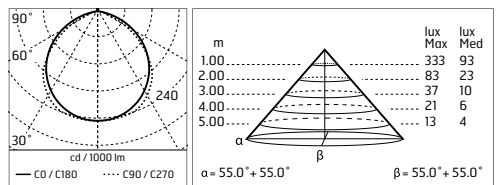
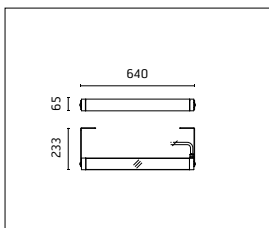


IP65

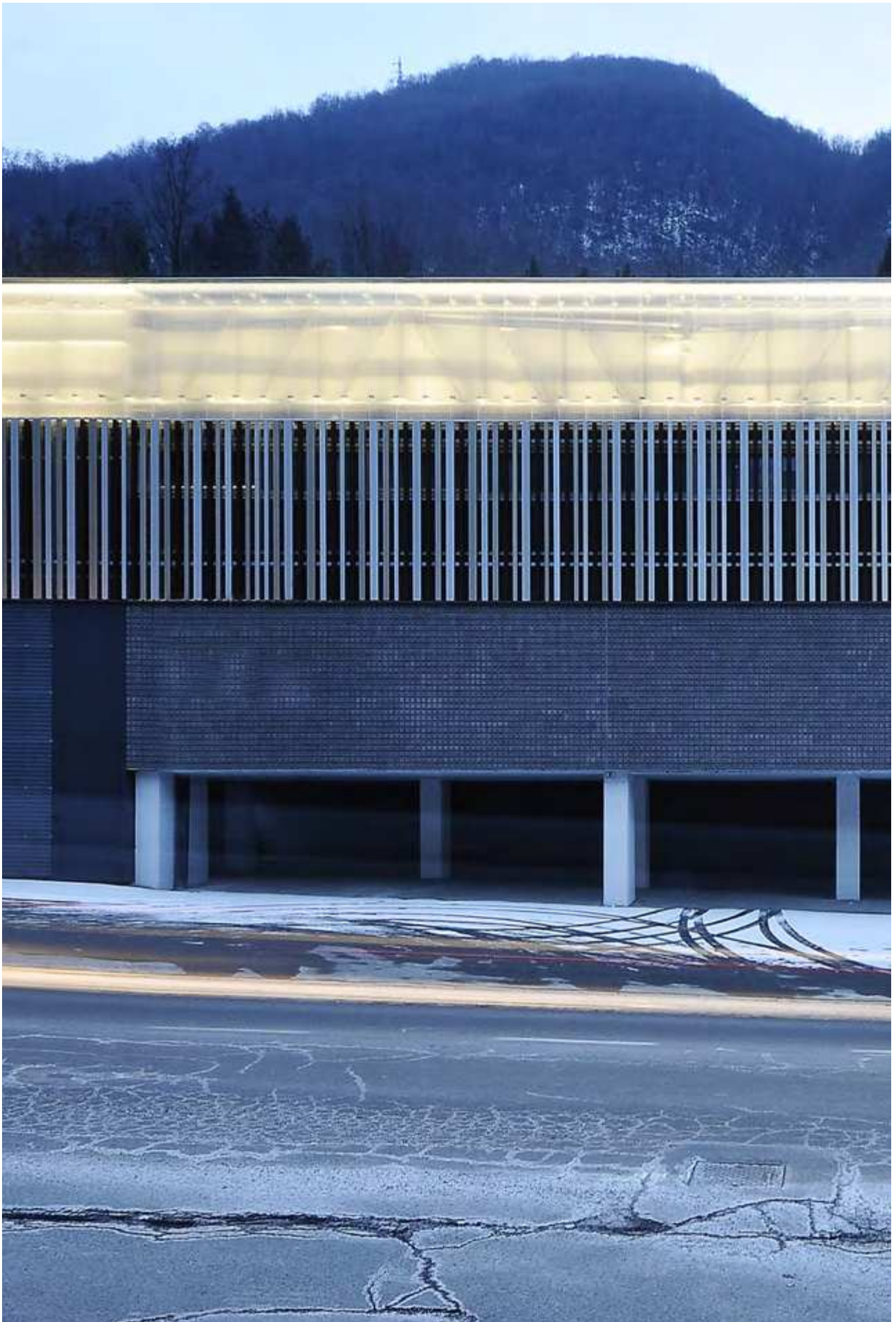
Arcadia640 - With Brackets L 200mm - Transparent Glass - Adjustable



545016
545016-300 Dimmable Dali
 T16 14W G5
 Electronic ballast



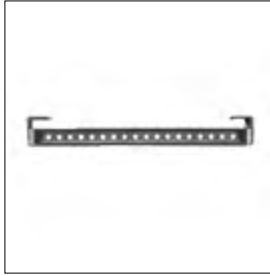
IP65





Arcadia940 - With Brackets L 80mm - Transparent Glass - Adjustable - 10°

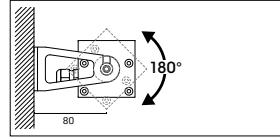
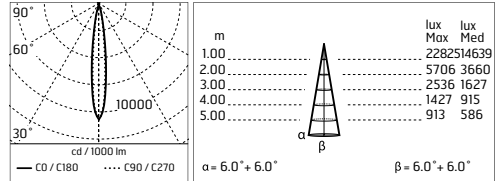
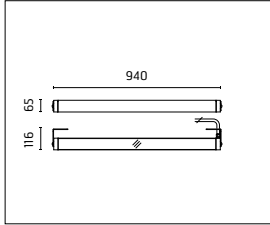
Light Source: Power LED / 19,8W / Total power 24W / CRI>80 / 220÷240V / Integral electronic power supply



545078
545078-300 Dimmable Dali
545078-310 Dimmable 1-10
 White 2700K
 lm LED 2009 ≈ lm OUTPUT 1833

545021
545021-300 Dimmable Dali
545021-310 Dimmable 1-10
 White 3000K
 lm LED 2160 ≈ lm OUTPUT 1971

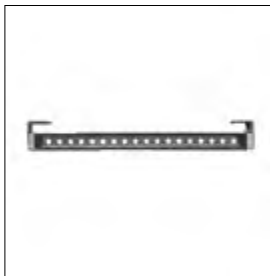
545020
545020-300 Dimmable Dali
545020-310 Dimmable 1-10
 White 4000K
 lm LED 2340 ≈ lm OUTPUT 2135



IP65

Arcadia940 - With Brackets L 80mm - Transparent Glass - Adjustable - 40°

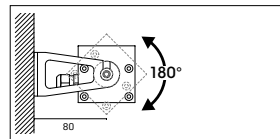
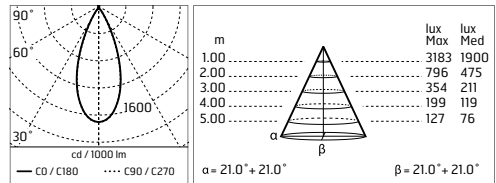
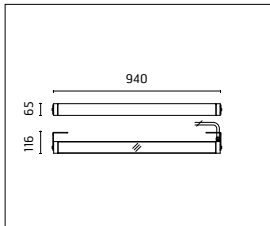
Light Source: Power LED / 19,8W / Total power 24W / CRI>80 / 220÷240V / Integral electronic power supply



545080
545080-300 Dimmable Dali
545080-310 Dimmable 1-10
 White 2700K
 lm LED 2009 ≈ lm OUTPUT 1605

545024
545024-300 Dimmable Dali
545024-310 Dimmable 1-10
 White 3000K
 lm LED 2160 ≈ lm OUTPUT 2726

545023
545023-300 Dimmable Dali
545023-310 Dimmable 1-10
 White 4000K
 lm LED 2340 ≈ lm OUTPUT 1871



IP65

Arcadia940 - With Brackets L 80mm - Sandblasted Glass - Adjustable

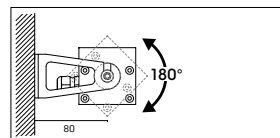
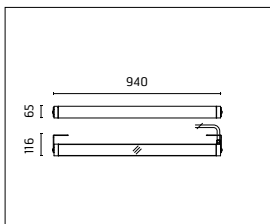
Light Source: RGB Power LED / 30,6W / Total power 38W / 230V / with DMX-RDM interface



545104

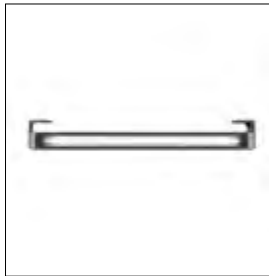
Wiring diagram and installation scheme RGB

>> See Page 513
 Wiring Diagram n.8

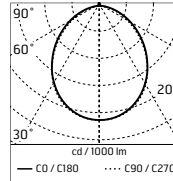
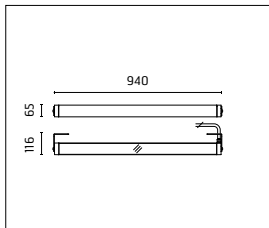


IP65

Arcadia940 - With Brackets L 80mm - Sandblasted Glass - Adjustable

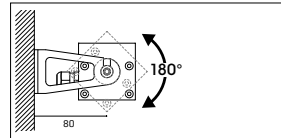


545026
545026-300 Dimmable Dali
 T16 21W G5
 Electronic ballast



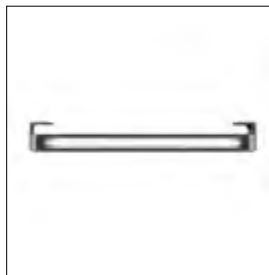
m	lux	
	Max	Med
1.00	407	132
2.00	102	33
3.00	45	15
4.00	25	8
5.00	16	5

$\alpha = 50.0^\circ + 50.0^\circ$ $\beta = 50.0^\circ + 50.0^\circ$

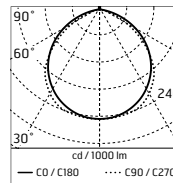
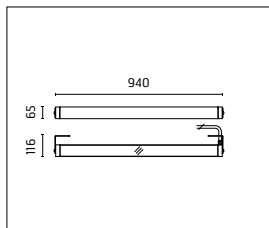


IP65

Arcadia940 / With Brackets L 80mm - Transparent Glass - Adjustable

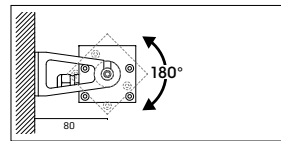


545025
545025-300 Dimmable Dali
 T16 21W G5
 Electronic ballast



m	lux	
	Max	Med
1.00	468	131
2.00	117	33
3.00	52	15
4.00	29	8
5.00	19	5

$\alpha = 55.0^\circ + 55.0^\circ$ $\beta = 55.0^\circ + 55.0^\circ$



IP65

Arcadia940 - With Brackets L 200mm - Transparent Glass - Adjustable - 10°

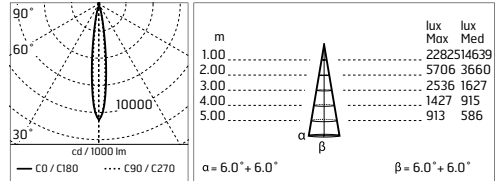
Light Source: Power LED / 19,8W / Total power 24W / CRI>80 / 220÷240V / Integral electronic power supply



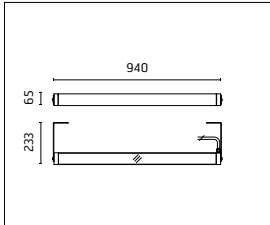
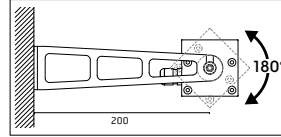
545082
545082-300 Dimmable Dali
545082-310 Dimmable 1-10
 White 2700K
 lm LED 2009 ≈ lm OUTPUT 1833

545030
545030-300 Dimmable Dali
545030-310 Dimmable 1-10
 White 3000K
 lm LED 2160 ≈ lm OUTPUT 1971

545029
545029-300 Dimmable Dali
545029-310 Dimmable 1-10
 White 4000K
 lm LED 2340 ≈ lm OUTPUT 2135



@4000K



IP65

Arcadia940 - With Brackets L 200mm - Transparent Glass - Adjustable - 40°

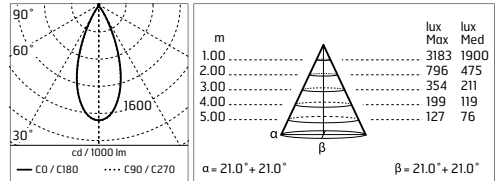
Light Source: Power LED / 19,8W / Total power 24W / CRI>80 / 220÷240V / Integral electronic power supply



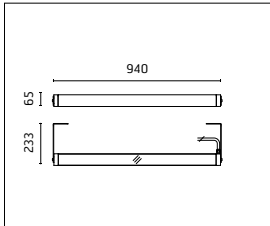
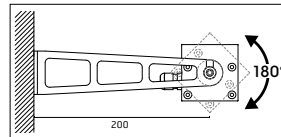
545084
545084-300 Dimmable Dali
545084-310 Dimmable 1-10
 White 2700K
 lm LED 2009 ≈ lm OUTPUT 1605

545033
545033-300 Dimmable Dali
545033-310 Dimmable 1-10
 White 3000K
 lm LED 2160 ≈ lm OUTPUT 1726

545032
545032-300 Dimmable Dali
545032-310 Dimmable 1-10
 White 4000K
 lm LED 2340 ≈ lm OUTPUT 1871



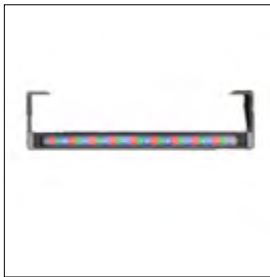
@4000K



IP65

Arcadia940 - With Brackets L 200mm - Sandblasted Glass - Adjustable

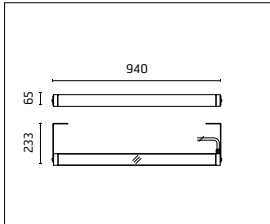
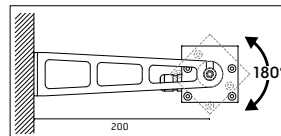
Light Source: RGB Power LED / 30,6W / Total power 38W / 230V / with DMX-RDM interface



545106

Wiring diagram and installation scheme RGB

>> See Page 513
 Wiring Diagram n.8

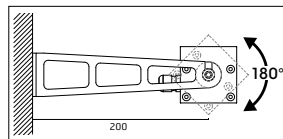
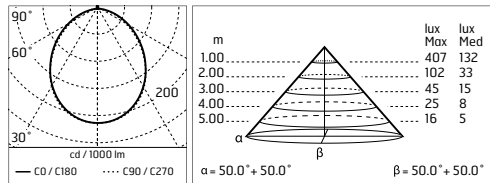
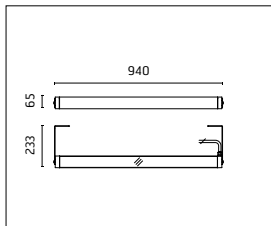


IP65

Arcadia940 - With Brackets L 200mm - Sandblasted Glass - Adjustable



545035
545035-300 Dimmable Dali
 T16 21W G5
 Electronic ballast

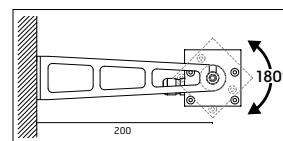
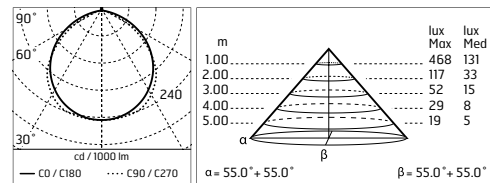
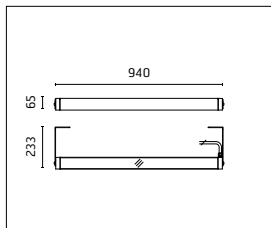


IP65

Arcadia940 - With Brackets L 200mm - Transparent Glass - Adjustable



545034
545034-300 Dimmable Dali
 T16 21W G5
 Electronic ballast



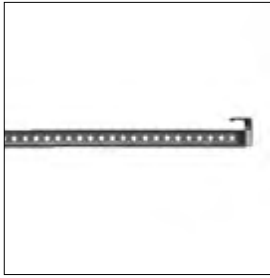
IP65





Arcadia1240 - With Brackets L 80mm - Transparent Glass - Adjustable - 10°

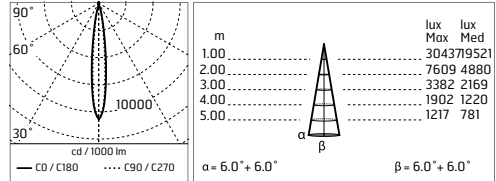
Light Source: Power LED / 26,4W / Total power 32W / CRI>80 / 220÷240V / Integral electronic power supply



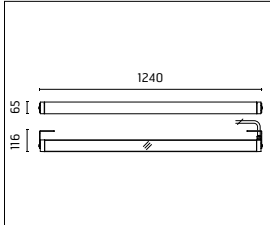
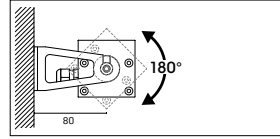
545086
545086-300 Dimmable Dali
545086-310 Dimmable 1-10
 White 2700K
 lm LED 2678 ≈ lm OUTPUT 2444

545039
545039-300 Dimmable Dali
545039-310 Dimmable 1-10
 White 3000K
 lm LED 2880 ≈ lm OUTPUT 2628

545038
545038-300 Dimmable Dali
545038-310 Dimmable 1-10
 White 4000K
 lm LED 3120 ≈ lm OUTPUT 2847



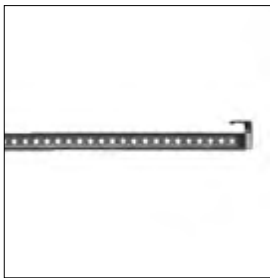
@4000K



IP65

Arcadia1240 - With Brackets L 80mm - Transparent Glass - Adjustable - 40°

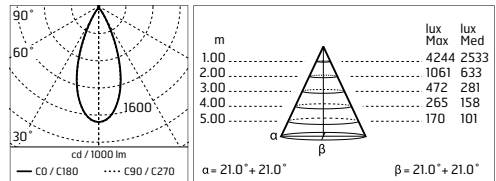
Light Source: Power LED / 26,4W / Total power 32W / CRI>80 / 220÷240V / Integral electronic power supply



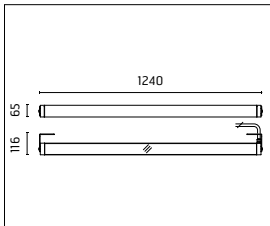
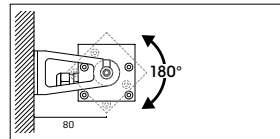
545088
545088-300 Dimmable Dali
545088-310 Dimmable 1-10
 White 2700K
 lm LED 2678 ≈ lm OUTPUT 2142

545042
545042-300 Dimmable Dali
545042-310 Dimmable 1-10
 White 3000K
 lm LED 2880 ≈ lm OUTPUT 2303

545041
545041-300 Dimmable Dali
545041-310 Dimmable 1-10
 White 4000K
 lm LED 3120 ≈ lm OUTPUT 2495



@4000K



IP65

Arcadia1240 - With Brackets L 80mm - Sandblasted Glass - Adjustable

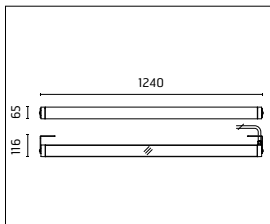
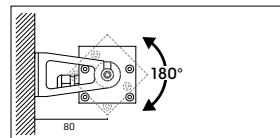
Light Source: RGB Power LED / 40,8W / Total power 48W / 230V / with DMX-RDM interface



545108

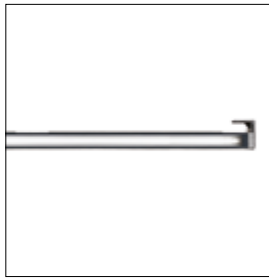
Wiring diagram and installation scheme RGB

>> See Page 513
 Wiring Diagram n.8

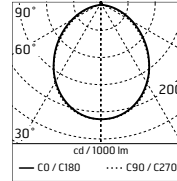
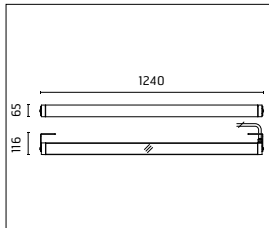


IP65

Arcadia1240 - With Brackets L 80mm - Sandblasted Glass - Adjustable

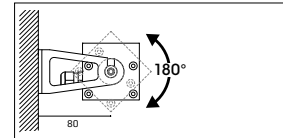


545044
545044-300 Dimmable Dali
 T16 28W G5
 Electronic ballast



m	lux	
	Max	Med
1.00	557	180
2.00	139	45
3.00	62	20
4.00	35	11
5.00	22	7

$\alpha = 50.0^\circ + 50.0^\circ$ $\beta = 50.0^\circ + 50.0^\circ$

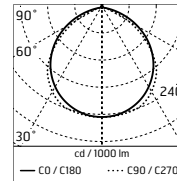
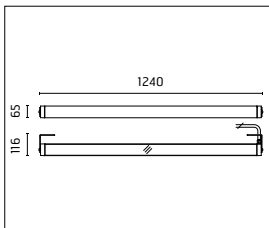


IP65

Arcadia1240 - With Brackets L 80mm - Transparent Glass - Adjustable

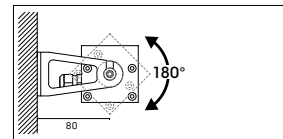


545043
545043-300 Dimmable Dali
 T16 28W G5
 Electronic ballast



m	lux	
	Max	Med
1.00	640	179
2.00	160	45
3.00	71	20
4.00	40	11
5.00	26	7

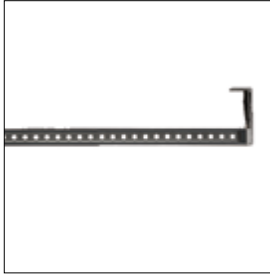
$\alpha = 55.0^\circ + 55.0^\circ$ $\beta = 55.0^\circ + 55.0^\circ$



IP65

Arcadia1240 - With Brackets L 200mm - Transparent Glass - Adjustable - 10°

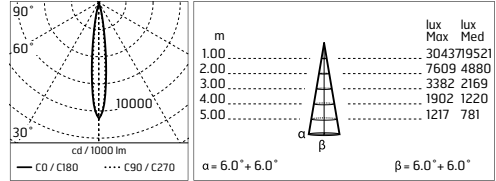
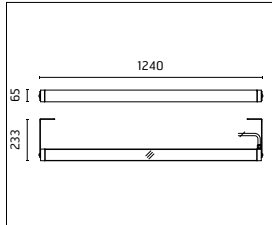
Light Source: Power LED / 26,4W / Total power 32W / CRI>80 / 220÷240V / Integral electronic power supply



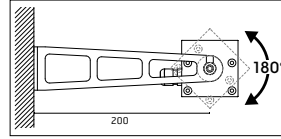
545090
545090-300 Dimmable Dali
545090-310 Dimmable 1-10
 White 2700K
 lm LED 2678 ≈ lm OUTPUT 2444

545048
545048-300 Dimmable Dali
545048-310 Dimmable 1-10
 White 3000K
 lm LED 2880 ≈ lm OUTPUT 2628

545047
545047-300 Dimmable Dali
545047-310 Dimmable 1-10
 White 4000K
 lm LED 3120 ≈ lm OUTPUT 2847



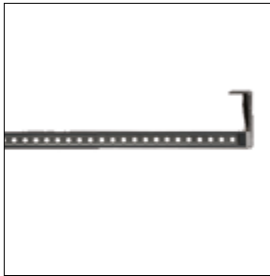
@4000K



IP65

Arcadia1240 - With Brackets L 200mm - Transparent Glass - Adjustable - 40°

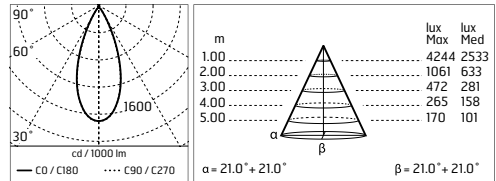
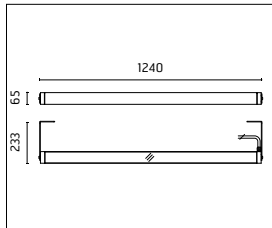
Light Source: Power LED / 26,4W / Total power 32W / CRI>80 / 220÷240V / Integral electronic power supply



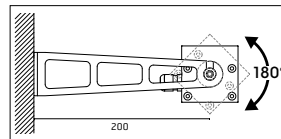
545092
545092-300 Dimmable Dali
545092-310 Dimmable 1-10
 White 2700K
 lm LED 2678 ≈ lm OUTPUT 2142

545051
545051-300 Dimmable Dali
545051-310 Dimmable 1-10
 White 3000K
 lm LED 2880 ≈ lm OUTPUT 2303

545050
545050-300 Dimmable Dali
545050-310 Dimmable 1-10
 White 4000K
 lm LED 3120 ≈ lm OUTPUT 2495



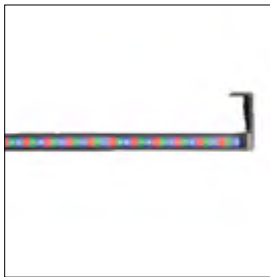
@4000K



IP65

Arcadia1240 - With Brackets L 200mm - Sandblasted Glass - Adjustable

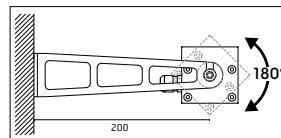
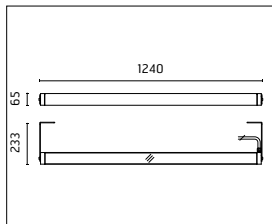
Light Source: RGB Power LED / 40,8W / Total power 48W / 230V / with DMX-RDM interface



545110

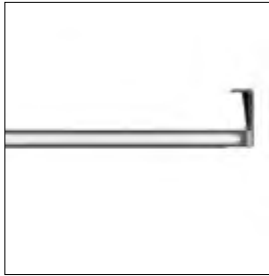
Wiring diagram and installation scheme RGB

>> See Page 513
 Wiring Diagram n.8

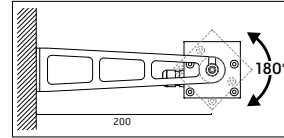
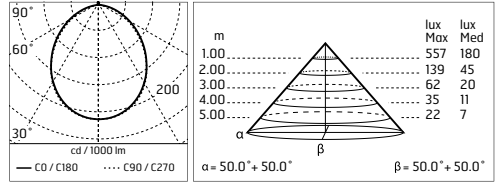
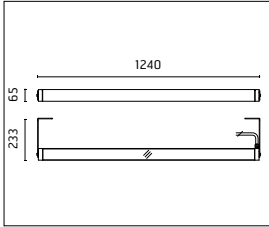


IP65

Arcadia1240 - With Brackets L 200mm - Sandblasted Glass - Adjustable

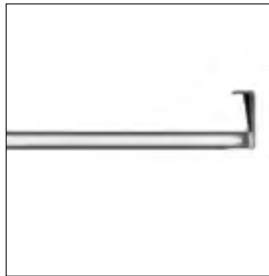


545053
545053-300 Dimmable Dali
 T16 28W G5
 Electronic ballast

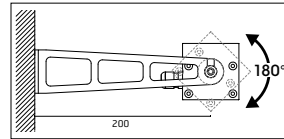
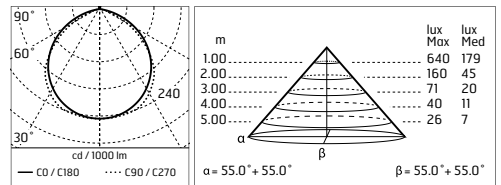
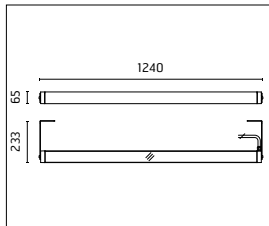


IP65

Arcadia1240 - With Brackets L 200mm - Transparent Glass - Adjustable

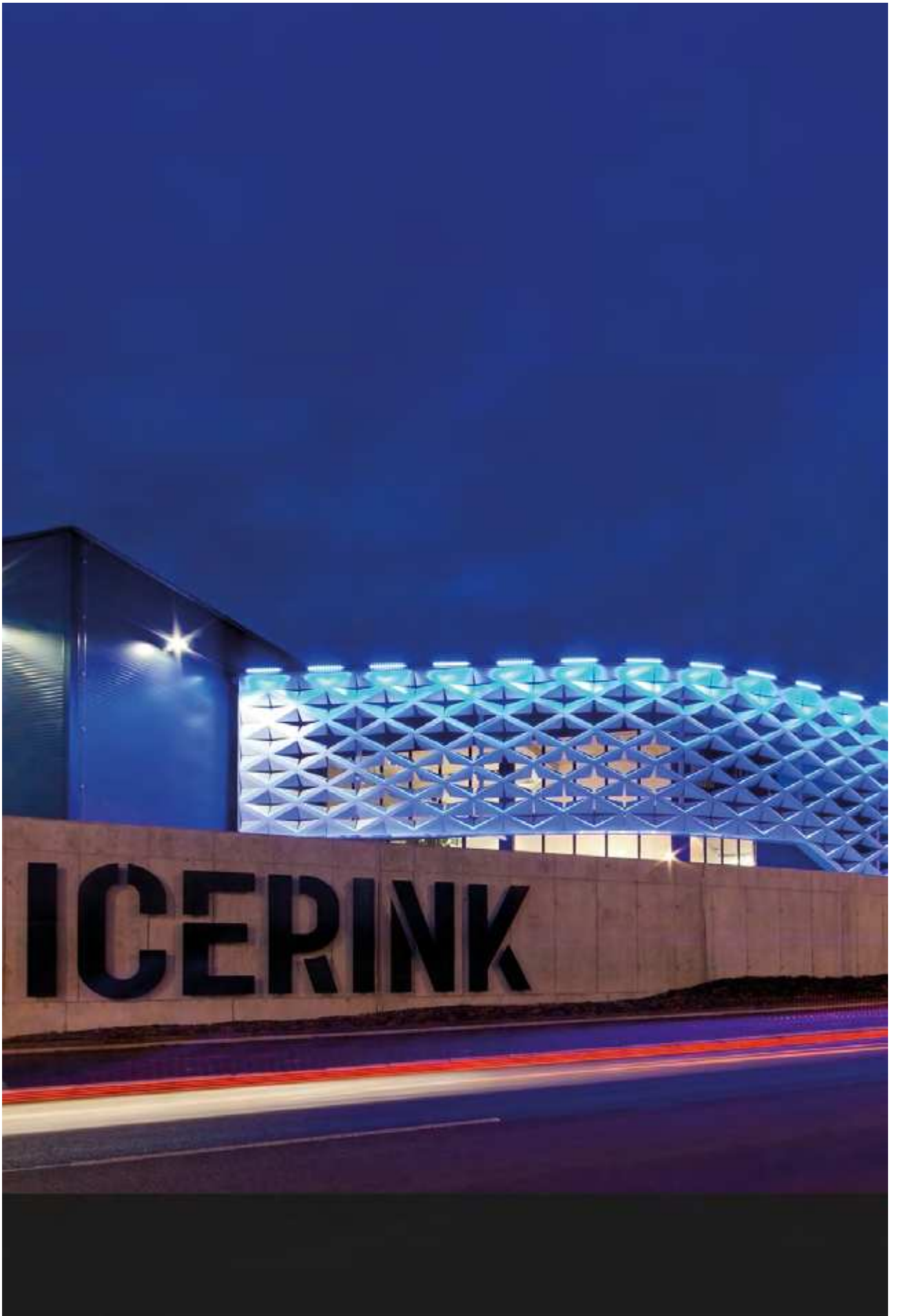


545052
545052-300 Dimmable Dali
 T16 28W G5
 Electronic ballast



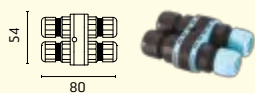
IP65



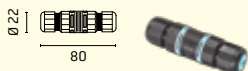


Accessories: Arcadia

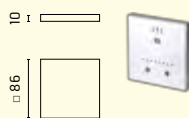
215
3/4 WAY TERMINAL BLOCK 4 POLES
IP68 H₂O STOP (Ø5,5÷12mm CABLE)



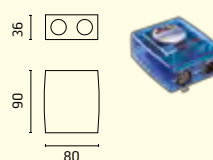
236
2 WAY TERMINAL BLOCK 4 POLES
IP68 H₂O STOP (Ø5,5÷12mm CABLE)



142
DMX CONTROLLER;
DIMMER SWITCH FOR RECESSED BOX
(60mm HOLE CENTRES)



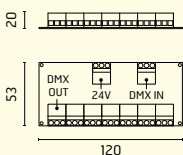
143
DMX CONTROLLER;
STAND-ALONE/PC INTERFACE



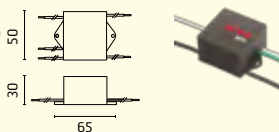
186
DMX CABLE - SHIELDED TWISTED
PAIR WITH 110 Ohm AT LINEAR METER
CONSTANT IMPEDANCE.



187
DMX SPLITTER 512 - ELECTRONIC DEVICE
TO REGENERATE THE MONODIRECTIONAL
DMX SIGNAL
1 INPUT AND 7 OUTPUT, 12-24V dc

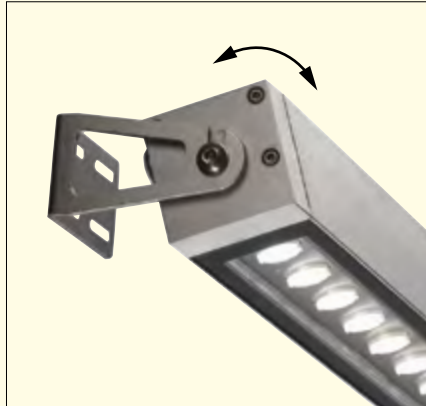


237
SPD: (SURGE PROTECTION DEVICE)
275Vac
MAXIMUM DISCHARGE CURRENT
10KA (8/20µs)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNEC-
TION - IP66



**POWER SUPPLY TO BE ORDERED (87 OR
175 RECOMMENDED)**

Accessories: Arcadia



acc. code ▶ prod. code ▼	dimmi DALI	dimmi 1-10	215	236	142	143	186	187	237
545002	-300	-310	•	•					•
545003	-300	-310	•	•					•
545005	-300	-310	•	•					•
545006	-300	-310	•	•					•
545007	-300		•	•					
545008	-300		•	•					
545100					•	•	•	•	
545011	-300	-310	•	•					•
545012	-300	-310	•	•					•
545014	-300	-310	•	•					•
545015	-300	-310	•	•					•
545016	-300		•	•					
545017	-300		•	•					
545102					•	•	•	•	
545020	-300	-310	•	•					•
545021	-300	-310	•	•					•
545023	-300	-310	•	•					•
545024	-300	-310	•	•					•
545025	-300		•	•					
545026	-300		•	•					
545104					•	•	•	•	
545029	-300	-310	•	•					•
545030	-300	-310	•	•					•
545032	-300	-310	•	•					•
545033	-300	-310	•	•					•
545034	-300		•	•					
545035	-300		•	•					

acc. code ▶ prod. code ▼	dimmi DALI	dimmi 1-10	215	236	142	143	186	187	237
545106					•	•	•	•	
545038	-300	-310	•	•					•
545039	-300	-310	•	•					•
545041	-300	-310	•	•					•
545042	-300	-310	•	•					•
545043	-300		•	•					
545044	-300		•	•					
545108					•	•	•	•	
545047	-300	-310	•	•					•
545048	-300	-310	•	•					•
545050	-300	-310	•	•					•
545051	-300	-310	•	•					•
545052	-300		•	•					
545053	-300		•	•					
545110					•	•	•	•	
545070	-300	-310	•	•					•
545072	-300	-310	•	•					•
545074	-300	-310	•	•					•
545076	-300	-310	•	•					•
545078	-300	-310	•	•					•
545080	-300	-310	•	•					•
545082	-300	-310	•	•					•
545084	-300	-310	•	•					•
545086	-300	-310	•	•					•
545088	-300	-310	•	•					•
545090	-300	-310	•	•					•
545092	-300	-310	•	•					•

Max fixtures for each power supply (Vin 220+240). Data in the chart are provided as a guide only. Please verify according to your installation.



- Light for installation on wall or ceiling – surface mounted.
- Configuration: polycarbonate tube, opal or transparent, with anti-UV filter. Polycarbonate fixing brackets and anodized aluminium closing caps.
- Protection Rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: III
- Installation: the luminaire is supplied with a screw connector and requires the use of a feeding cable (direct to power supply or for end-to-end connection) to be ordered separately. Parallel wiring required. Maximum end-to-end sequence: 5000mm.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:
Class A/A+/A++
Luminaire supplied with integrated LED modules that cannot be replaced



Ceiling fitting



Wall fitting



Protection against water ingress from the cable



Installation requires a feeding cable (acc. code 172 or 173, 174)



Remote device required.



Protection against impact. IK 06 - 1,00 joule

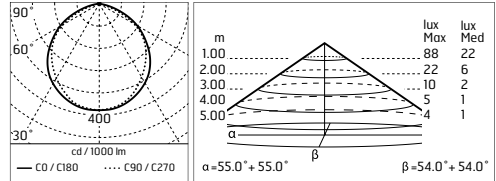
Tau - L. 354 - Transparent Diffuser

Light Source: Low-Power LED / 3W / Total power 3W / CRI>80 / 24Vdc / Remote electronic power supply and supply cable to be ordered

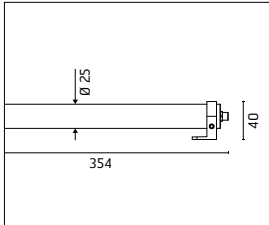


523003
White 3000K
lm LED 255 ≈ lm OUTPUT 231
...||| Acc. 144, 176 or 252

523002
White 4000K
lm LED 255 ≈ lm OUTPUT 231
...||| Acc. 144, 176 or 252



@4000K



IP65

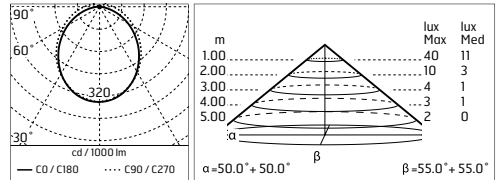
Tau - L. 354 - Opal Diffuser

Light Source: Low-Power LED / 3W / Total power 3W / CRI>80 / 24Vdc / Remote electronic power supply and supply cable to be ordered

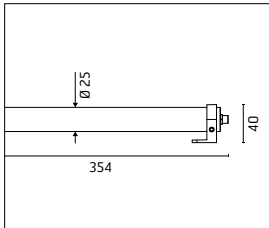


523013
White 3000K
lm LED 255 ≈ lm OUTPUT 118
...||| Acc. 144, 176 or 252

523012
White 4000K
lm LED 255 ≈ lm OUTPUT 118
...||| Acc. 144, 176 or 252



@4000K



IP65

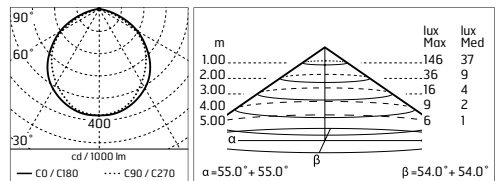
Tau - L. 554 - Transparent Diffuser

Light Source: Low-Power LED / 5W / Total power 5W / CRI>80 / 24Vdc / Remote electronic power supply and supply cable to be ordered

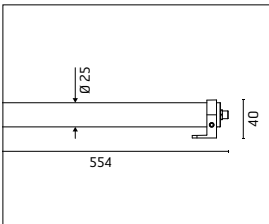


523023
White 3000K
lm LED 420 ≈ lm OUTPUT 384
...||| Acc. 144, 176 or 252

523022
White 4000K
lm LED 420 ≈ lm OUTPUT 384
...||| Acc. 144, 176 or 252



@4000K



IP65

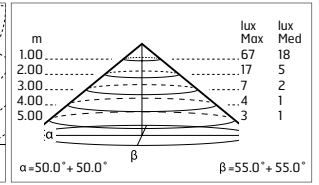
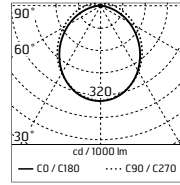
Tau - L. 554 - Opal Diffuser

Light Source: Low-Power LED / 5W / Total power 5W / CRI>80 / 24Vdc / Remote electronic power supply and supply cable to be ordered

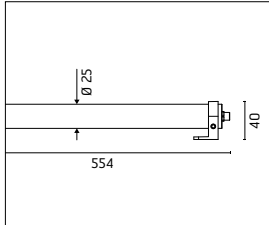


523033
White 3000K
lm LED 420 ≠ lm OUTPUT 196
Acc. 144, 176 or 252

523032
White 4000K
lm LED 420 ≠ lm OUTPUT 196
Acc. 144, 176 or 252



@4000K



IP65

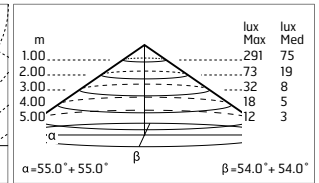
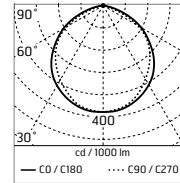
Tau - L. 1054 - Transparent Diffuser

Light Source: Low-Power LED / 10W / Total power 10W / CRI>80 / 24Vdc / Remote electronic power supply and supply cable to be ordered

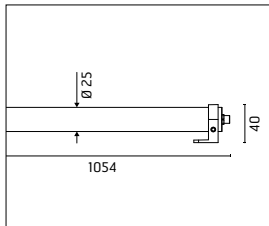


523043
White 3000K
lm LED 840 ≠ lm OUTPUT 768
Acc. 144, 176 or 252

523042
White 4000K
lm LED 840 ≠ lm OUTPUT 768
Acc. 144, 176 or 252



@4000K



IP65

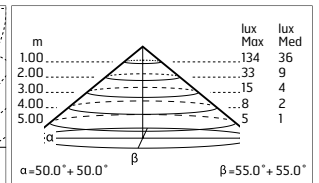
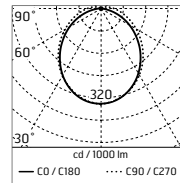
Tau - L. 1054 - Opal Diffuser

Light Source: Low-Power LED / 10W / Total power 10W / CRI>80 / 24Vdc / Remote electronic power supply and supply cable to be ordered

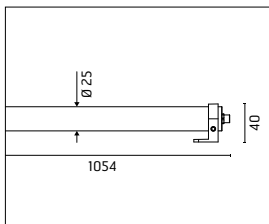


523053
White 3000K
lm LED 840 ≠ lm OUTPUT 392
Acc. 144, 176 or 252

523052
White 4000K
lm LED 840 ≠ lm OUTPUT 392
Acc. 144, 176 or 252



@4000K



IP65

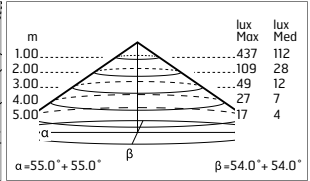
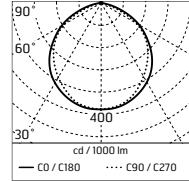
Tau - L. 1554 - Transparent Diffuser

Light Source: Low-Power LED / 15W / Total power 15W / CRI>80 / 24Vdc / Remote electronic power supply and supply cable to be ordered

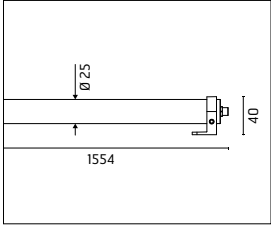


523063
White 3000K
lm LED 1260 ≠ lm OUTPUT 1152
...||| Acc. 144, 176 or 252

523062
White 4000K
lm LED 1260 ≠ lm OUTPUT 1152
...||| Acc. 144, 176 or 252



@4000K



IP65

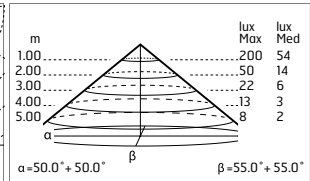
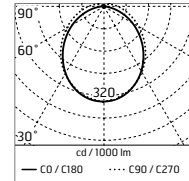
Tau - L. 1554 - Opal Diffuser

Light Source: Low-Power LED / 15W / Total power 15W / CRI>80 / 24Vdc / Remote electronic power supply and supply cable to be ordered

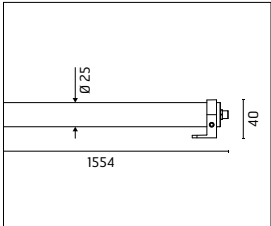


523073
White 3000K
lm LED 1260 ≠ lm OUTPUT 589
...||| Acc. 144, 176 or 252

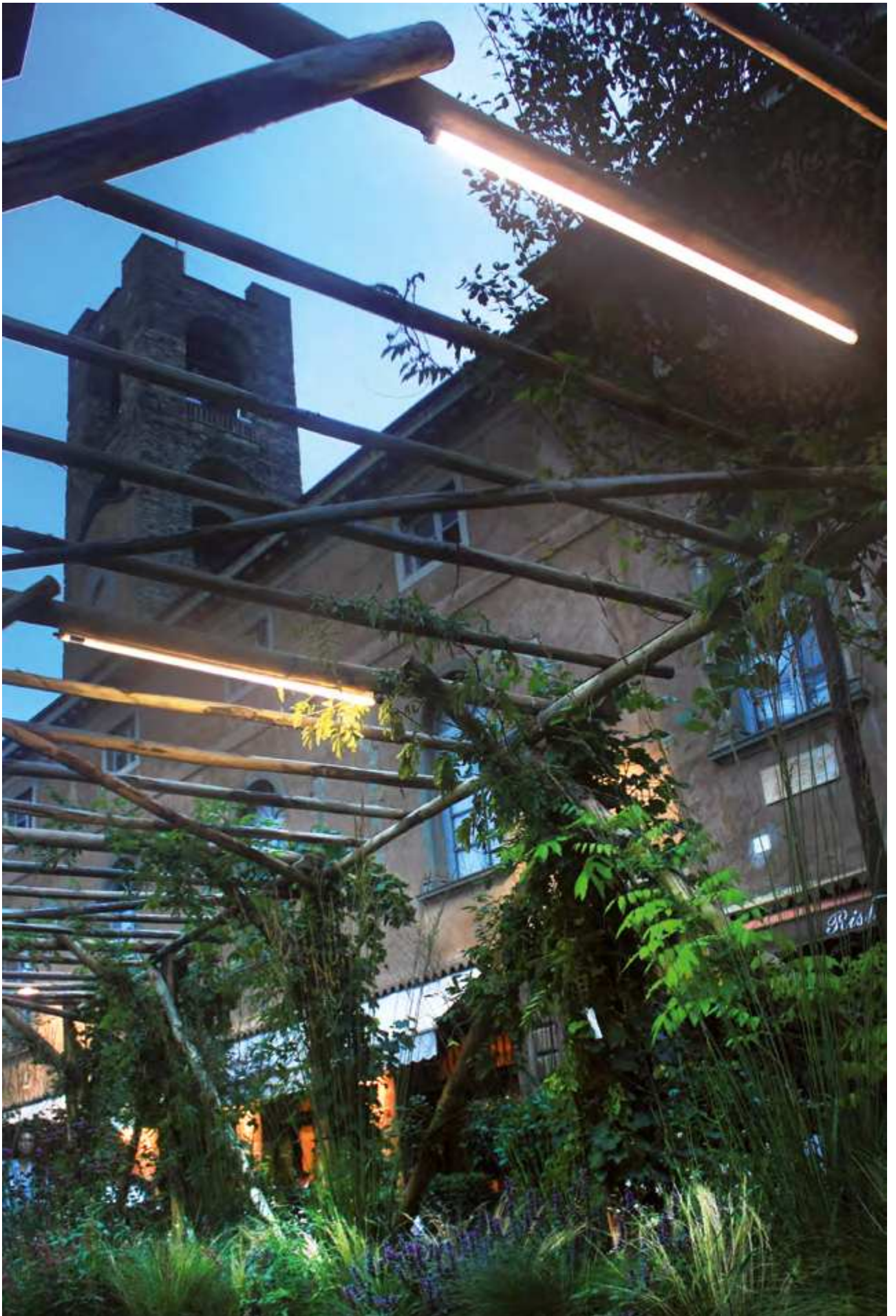
523072
White 4000K
lm LED 1260 ≠ lm OUTPUT 589
...||| Acc. 144, 176 or 252



@4000K

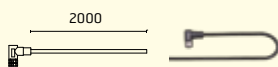


IP65

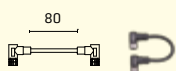


Accessories: Tau

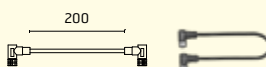
172
SUPPLY CABLE L.2000mm
SINGLE CONNECTOR



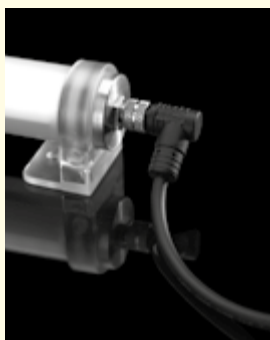
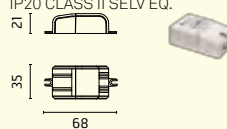
173
SUPPLY CABLE L.80mm
DOUBLE CONNECTOR



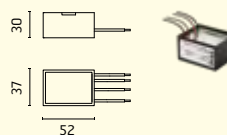
174
SUPPLY CABLE L.200mm
DOUBLE CONNECTOR



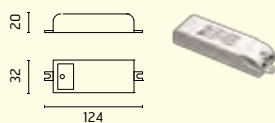
150
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP20 CLASS II SELV EQ.



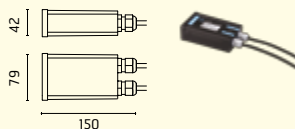
106
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP65 CLASS II SELV EQ.



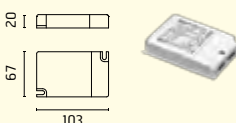
87
POWER SUPPLY 10W/110÷240V -
24Vdc IP20 CLASS II SELV.



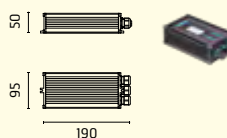
175
POWER SUPPLY 10W/110÷240V -
24Vdc IP67 CLASS II SELV.



144
POWER SUPPLY 17W/110÷240V -
24Vdc (15W@110V) IP20 CLASS II
SELV.



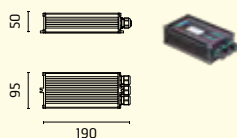
176
POWER SUPPLY 17W/110÷240V -
24Vdc (15W@110V) IP67 CLASS II
SELV.



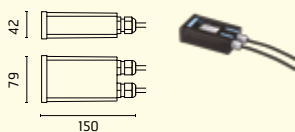
... DIMMABLE: PUSH-DIM OR 1-10V
See Page 510 Wiring Diagram n.4

... DIMMABLE: PUSH-DIM OR 1-10V
See Page 510 Wiring Diagram n.4

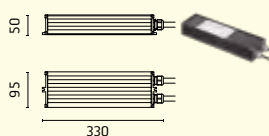
252
POWER SUPPLY 20W/110-240Vdc
(15W@110V) IP67 CLASS II SELV.



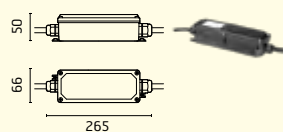
147
POWER SUPPLY 20W/220÷240V -
24Vdc IP67 CLASS II SELV.



155
POWER SUPPLY 50W/120÷240V -
24Vdc IP67 CLASS II SELV.

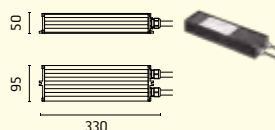


110
POWER SUPPLY 70W/220÷240V -
24Vdc IP67 CLASS II SELV EQ.

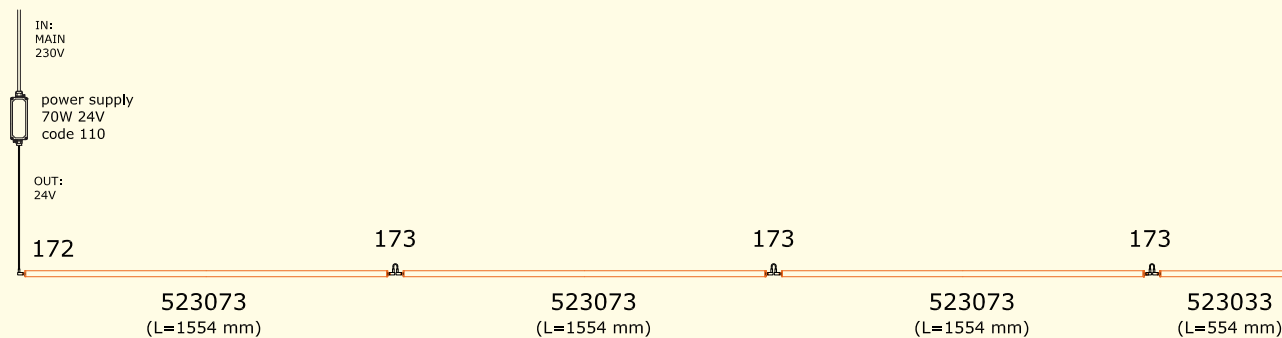


... DIMMABLE: DALI
See Page 510 Wiring Diagram n.4

156
POWER SUPPLY 96W /120÷277V -
24Vdc IP67 CLASS II SELV.



Example of configuration



MAX LENGTH IN CONTINUOUS 5mt

acc. code ▶	172	173	174	150	106	87	175	144	176	252	147	155	110	156
prod. code ▼	172	173	174	150	106	87	175	144	176	252	147	155	110	156
523002	•	•	•	2	2	3	3	5	5	5	6	16	22	30
523003	•	•	•	2	2	3	3	5	5	5	6	16	22	30
523012	•	•	•	2	2	3	3	5	5	5	6	16	22	30
523013	•	•	•	2	2	3	3	5	5	5	6	16	22	30
523022	•	•	•	1	1	2	2	3	3	3	4	10	14	18
523023	•	•	•	1	1	2	2	3	3	3	4	10	14	18
523032	•	•	•	1	1	2	2	3	3	3	4	10	14	18
523033	•	•	•	1	1	2	2	3	3	3	4	10	14	18
523042	•	•	•					1	1	1	2	5	7	9
523043	•	•	•					1	1	1	2	5	7	9
523052	•	•	•					1	1	1	2	5	7	9
523053	•	•	•					1	1	1	2	5	7	9
523062	•	•	•					1	1	1	1	3	4	6
523063	•	•	•					1	1	1	1	3	4	6
523072	•	•	•					1	1	1	1	3	4	6
523073	•	•	•					1	1	1	1	3	4	6





Max fixtures for each power supply (Vin 220÷240). Data in the chart are provided as a guide only. Please verify according to your installation.







LEO 80

- Luminaire for installation on wall – surface mounted.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Diffuser: transparent glass or lens with silkscreen border.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: wiring through a cable holder (5mm\times9mm cable). Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder. For watertightness to be assured the use of a multicore cable is mandatory, the use of single unipolar cables is not allowed.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

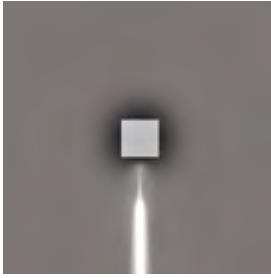
   	<p>LED VERSION: Class A/A+/A++ Luminaire supplied with integrated LED modules that cannot be replaced</p> <p>HALOGEN VERSION: Class D QT14/G9</p>
--	---

 .1 White	 .6 Grey	 .3 Anthracite	 .4 Black	 .18 Deep Brown
 .12 Forest Green				

	Wall fitting		The fitting is equipped with 1 cable input
	Protection against impact. IK 07 - 2,00 joule		

Leo80 - Unidirectional - 3° - Convex Lens

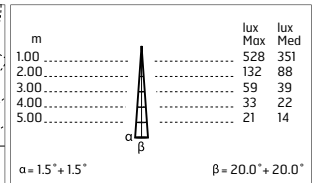
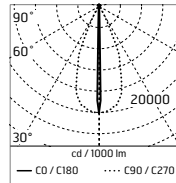
Light Source: Power LED / 1,1W / Total power 2,5W / CRI>80 / 100±240V / Integral electronic power supply



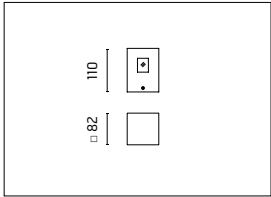
12313643
White 2700K
lm LED 129 ≠ lm OUTPUT 22

12311643
White 3000K
lm LED 138 ≠ lm OUTPUT 24

12316343
White 4000K
lm LED 148 ≠ lm OUTPUT 26



@4000K



IP65

Leo80 - Unidirectional - 40°

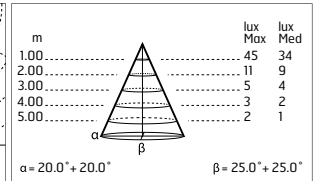
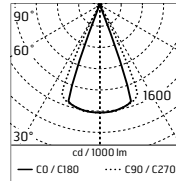
Light Source: Power LED / 1,1W / Total power 2,5W / CRI>80 / 100±240V / Integral electronic power supply



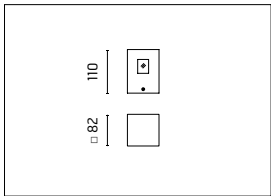
12313650
White 2700K
lm LED 129 ≠ lm OUTPUT 24

12311650
White 3000K
lm LED 139 ≠ lm OUTPUT 26

12316450
White 4000K
lm LED 148 ≠ lm OUTPUT 28



@4000K



IP65

Leo80 - Bidirectional - 40°

Light Source: Power LED / 2,2W / Total power 4W / CRI>80 / 100±240V / Integral electronic power supply

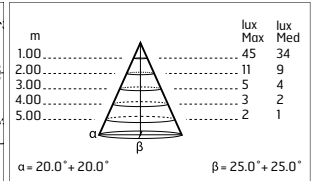
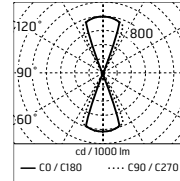


12313951
White 2700K
lm LED 2x129 ≠ lm OUTPUT 2x24

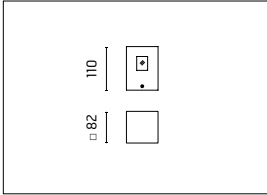


12311951
White 3000K
lm LED 2x139 ≠ lm OUTPUT 2x26

12316451
White 4000K
lm LED 2x148 ≠ lm OUTPUT 2x28



@4000K



IP65

Leo80 - Bidirectional - Combined: 3° (Convex Lens) + 40°

Light Source: Power LED / 2,2W / Total power 4W / CRI>80 / 100±240V / Integral electronic power supply

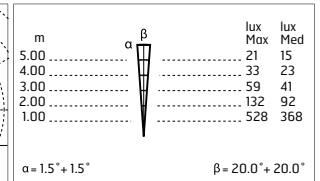
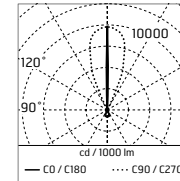


12313253
White 2700K
lm LED 2x129 ≠ lm OUTPUT 22+24

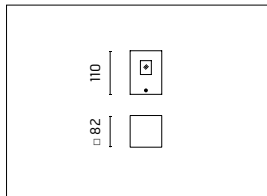


12312253
White 3000K
lm LED 2x139 ≠ lm OUTPUT 24+26

12316453
White 4000K
lm LED 2x148 ≠ lm OUTPUT 26+28



@4000K



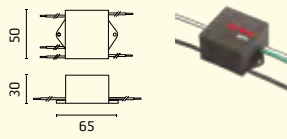
IP65



Accessories: Leo80

237

SPD: (SURGE PROTECTION DEVICE)
 275Vac
 MAXIMUM DISCHARGE CURRENT
 10KA (8/20µs)
 MAXIMUM OPERATING CURRENT 5A
 SUITABLE FOR SERIES CONNEC-
 TION - IP66



acc. code ▶	237
prod. code ▼	
1232743	
1232744	
1232745	
1232750	
1232751	
1232752	
1232753	
12311643	•
12311650	•
12311951	•
12312253	•
12313253	•
12313643	•
12313650	•
12313951	•
12316343	•
12316450	•
12316451	•
12316453	•



LEO 160

- Luminaire for installation on wall – surface mounted.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Diffuser: lens or transparent or sandblasted glass fixed to the structure through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: wiring through two cable holders (8mm\times13mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder. For watertightness to be assured the use of a multicore cable is mandatory, the use of single unipolar cables is not allowed.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

A⁺⁺
A⁺
A
A⁺

LED VERSION::
 Class A/A+/A++
 Luminaire supplied with integrated LED modules that cannot be replaced

METAL HALIDE VERSION:
 Class A+
 HIT-CE/G12



Wall fitting

The fitting is equipped with 2 cable input

Protection against impact.
 IK 05 - 7,00 joule

Leo160 - Unidirectional - 2° - Convex Lens

Light Source: Power LED / 6,2W / Total power 9,8W / CRI>80 / 110±240V / Integral electronic power supply

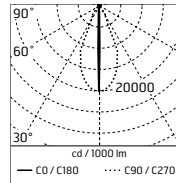


12315144
White 2700K
lm LED 574 ≈ lm OUTPUT 112



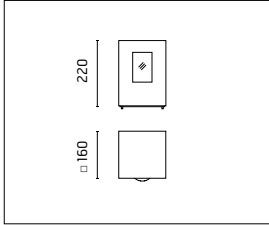
12324144
White 3000K
lm LED 617 ≈ lm OUTPUT 120

12324044
White 4000K
lm LED 663 ≈ lm OUTPUT 129



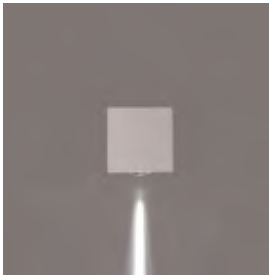
m	lux	
	Max	Med
1.00	2542	1639
2.00	635	410
3.00	282	182
4.00	159	102
5.00	102	66

@4000K

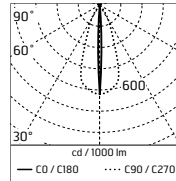


IP65

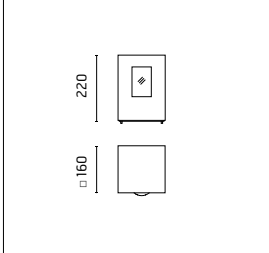
Leo160 - Unidirectional - 4° - Convex Lens



1233543
HIT-CE 35W G12
Electronic ballast



m	lux	
	Max	Med
1.00	2333	1530
2.00	583	382
3.00	259	170
4.00	146	96
5.00	93	61

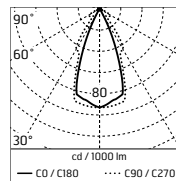


IP65

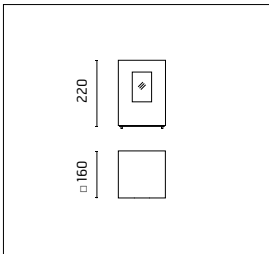
Leo160 - Unidirectional - 40°



1233550
HIT-CE 35W G12
Electronic ballast



m	lux	
	Max	Med
1.00	316	209
2.00	79	52
3.00	35	23
4.00	20	13
5.00	13	8



IP65

Leo160 - Unidirectional - 65°

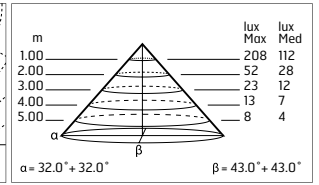
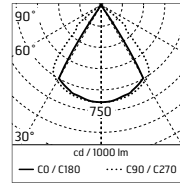
Light Source: Power LED / 6,2W / Total power 9,8W / CRI>80 / 110±240V / Integral electronic power supply



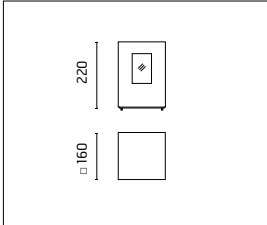
12315152
White 2700K
lm LED 574 ≠ lm OUTPUT 257

12324152
White 3000K
lm LED 617 ≠ lm OUTPUT 276

12324052
White 4000K
lm LED 663 ≠ lm OUTPUT 297



@4000K



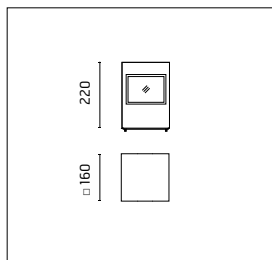
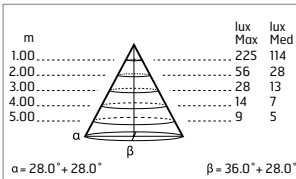
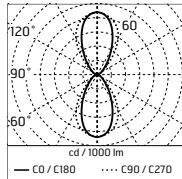
IP65

Leo160 - Bidirectional - Sandblasted Glass



1233547
HIT-CE 35W G12

Electronic ballast



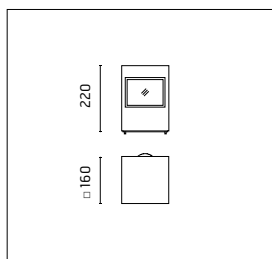
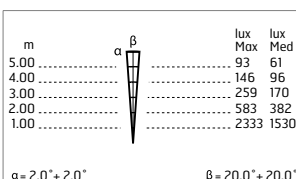
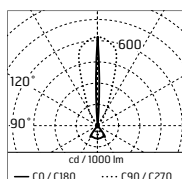
IP65

Leo160 - Bidirectional - Combined: 4° (Convex Lens) + 75°



1233554
HIT-CE 35W G12

Electronic ballast



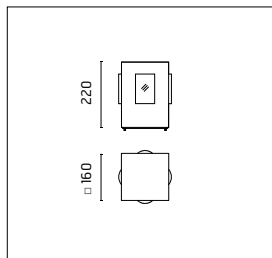
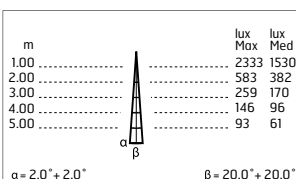
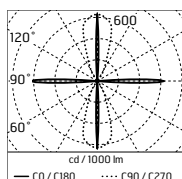
IP65

Leo160 - Omnidirectional - 4° - Convex Lens



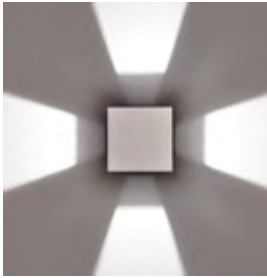
1233545
HIT-CE 35W G12

Electronic ballast

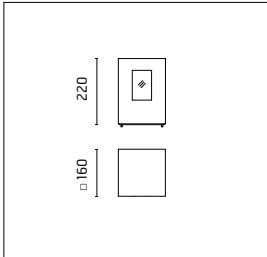
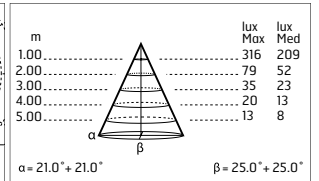
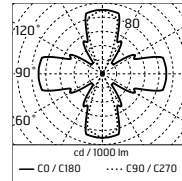


IP65

Leo160 - Omnidirectional - 40°



1233553
HIT-CE 35W G12
Electronic ballast



IP65

Leo160 - Omnidirectional - 65°

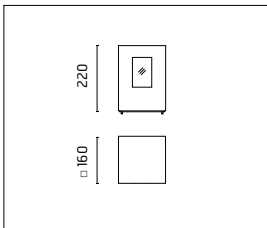
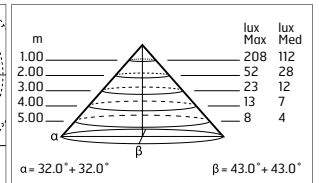
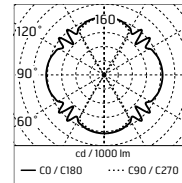
Light Source: Power LED / 24,8W / Total power 28,6W / CRI>80 / 110÷240V / Integral electronic power supply



12315454
White 2700K
lm LED 4x574 \approx lm OUTPUT 4x257

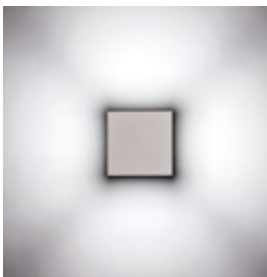
12324454
White 3000K
lm LED 4x617 \approx lm OUTPUT 4x276

12324354
White 4000K
lm LED 4x663 \approx lm OUTPUT 4x297

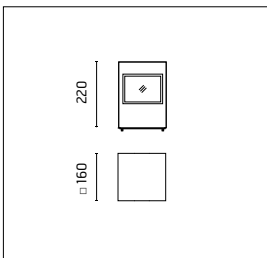
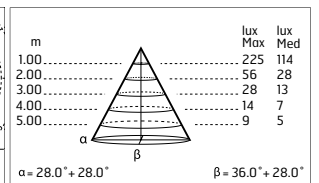
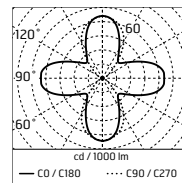


IP65

Leo160 - Omnidirectional - Sandblasted Glass



1233548
HIT-CE 35W G12
Electronic ballast



IP65



LEO 160 ON POST

- Luminaire for installation on post – surface mounted.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content), extruded aluminium post. Glass diffuser: transparent or sandblasted fixed to the structure through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: wiring through two cable holders (8mm\times13mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder. For watertightness to be assured the use of a multicore cable is mandatory, the use of single unipolar cables is not allowed.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

A++
A+
A
A+

LED VERSION:
Class A/A+/A++
Luminaire supplied with integrated LED modules that cannot be replaced

METAL HALIDE VERSION:
Class A+
HIT-CE/G12



Bollard light



The fitting is equipped with 2 cable input



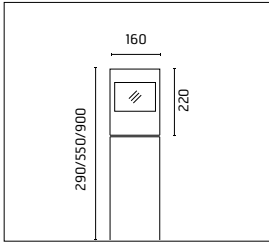
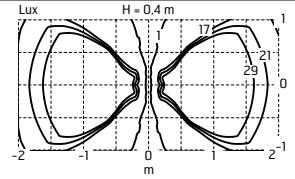
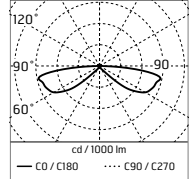
Protection against impact.
IK 05 - 7,00 joule

Leo160 on post - Bidirectional - Transparent Glass



12335136
HIT-CE 35W G12

Electronic ballast



IP65

Leo160 on post - Bidirectional - Transparent Glass

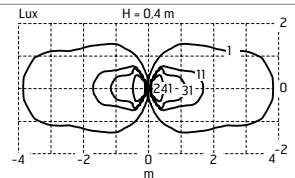
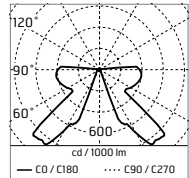
Light Source: Power LED / 12,4W / Total power 16W / CRI>80 / 110÷240V / Integral electronic power supply



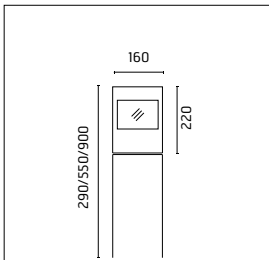
123151137
White 2700K
lm LED 2x574 = lm OUTPUT 2x207

123241137
White 3000K
lm LED 2x617 = lm OUTPUT 2x223

123240137
White 4000K
lm LED 2x663 = lm OUTPUT 2x240



@4000K



IP65

Leo160 on post - Bidirectional - Sandblasted Glass

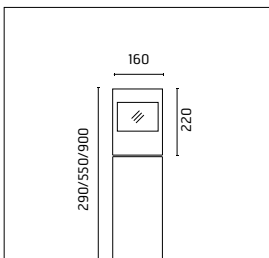
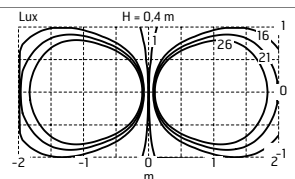
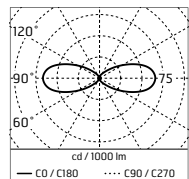
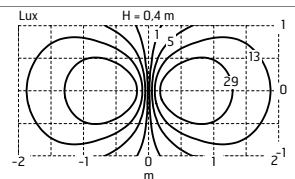
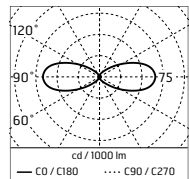


1233547
HIT-CE 35W G12

Electronic ballast

1237147
HIT-CE 70W G12

Electronic ballast

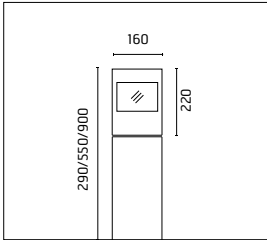
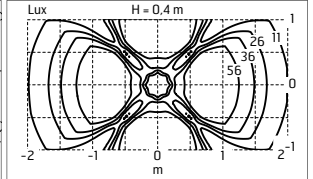
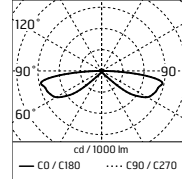


IP65

Leo160 on post - Omnidirectional - Transparent Glass



12335117
HIT-CE 35W G12
Electronic ballast



IP65

Leo160 on post - Omnidirectional - Transparent Glass

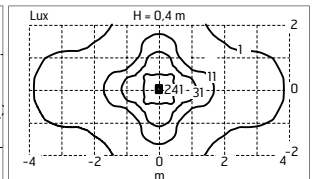
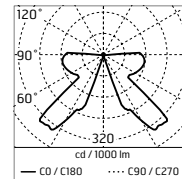
Light Source: Power LED / 24,8W / Total power 28,6W / CRI>80 / 110÷240V / Integral electronic power supply



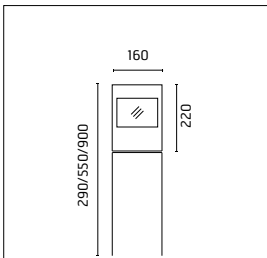
123154118
White 2700K
lm LED 4x574 ≠ lm OUTPUT 4x207

123244118
White 3000K
lm LED 4x617 ≠ lm OUTPUT 4x223

123243118
White 4000K
lm LED 4x663 ≠ lm OUTPUT 4x240



@4000K



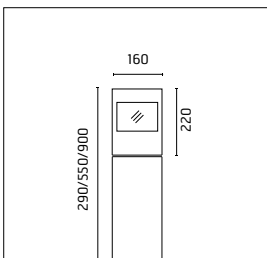
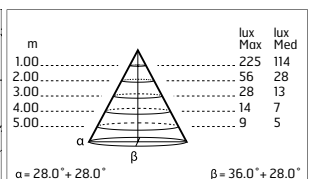
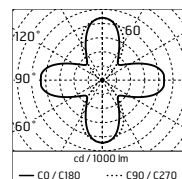
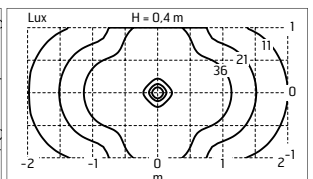
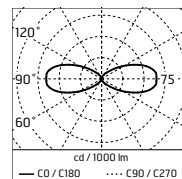
IP65

Leo160 on post - Omnidirectional - Sandblasted Glass



1233548
HIT-CE 35W G12
Electronic ballast

1237148
HIT-CE 70W G12
Electronic ballast



IP65

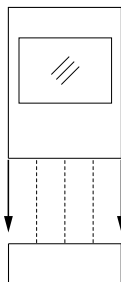
Leo160 on post / Poles



12425
H. 70 mm

12455
H. 330 mm

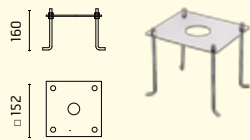
12490
H. 680 mm



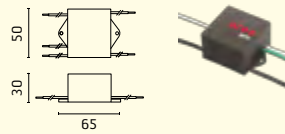
Top installation on pole

Accessories: Leo160 - Leo160 on post

131
 BASE PLATE AND FIXING BOLTS
 152 x 152 x H 160mm

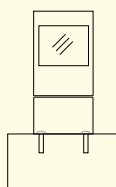


237
 SPD: (SURGE PROTECTION DEVICE)
 275Vac
 MAXIMUM DISCHARGE CURRENT
 10KA (8/20µs)
 MAXIMUM OPERATING CURRENT 5A
 SUITABLE FOR SERIES CONNEC-
 TION - IP66

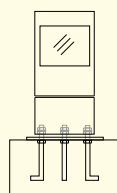


acc. code ▶	131	237
prod. code ▼		
12425	•	
12455	•	
12490	•	
1233543		
1233545		
1233547		

Correct Fixing Method
 Bollard fixed on plinth +
 suitable installation screws



Correct Fixing Method
 Bollard fixed on plinth + fixing bolts







Incorrect Fixing Method
 Do not fix the bollard directly on the ground
 without plinth





- Luminaire for installation on wall – surface mounted.
- Configuration: polycarbonate structure and die-cast aluminium cover and base, EN AB-47100 alloy (low copper content)
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP66
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: wiring through two cable holders (8mm\times13mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

	LED VERSION: Class A/A+/A++ Luminaire supplied with integrated LED modules that cannot be replaced
	
	
	FLUORESCENT VERSION: Class A TC-DEL/G24q-2



Wall fitting



The fitting is equipped with 2 cable input.



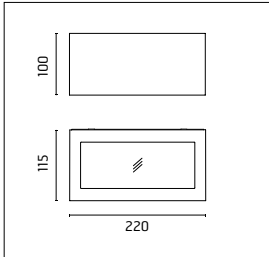
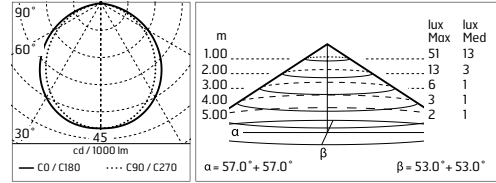
Protection against impact.
IK 10 - 20,00 joule

Midna - Unidirectional



529001.A
TC-DEL 18W G24q-2

Electronic ballast



IP66

Midna - Unidirectional

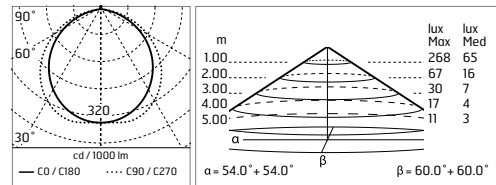
Light Source: Mid-Power LED / 8,8W / Total power 11W / CRI>80 / 220-240V / Integral electronic power supply



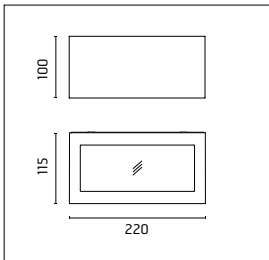
529024
529024-300 Dimmable Dali
529024-310 Dimmable 1-10
White 2700K
lm LED 1502 \neq lm OUTPUT 710

529004
529004-300 Dimmable Dali
529004-310 Dimmable 1-10
White 3000K
lm LED 1615 \neq lm OUTPUT 763

529003
529003-300 Dimmable Dali
529003-310 Dimmable 1-10
White 4000K
lm LED 1668 \neq lm OUTPUT 788



@4000K



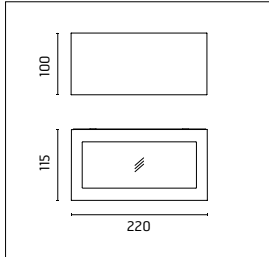
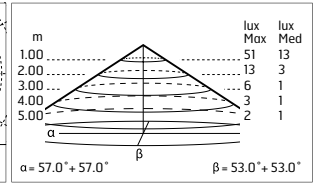
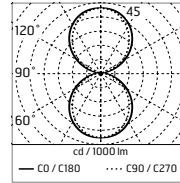
IP66

Midna - Bidirectional



529005.A
TC-DEL 18W G24q-2

Electronic ballast



IP66

Midna - Bidirectional

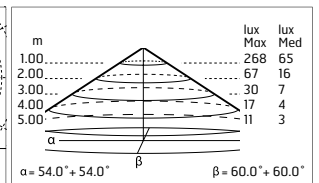
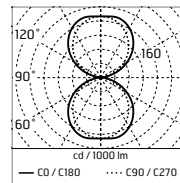
Light Source: Mid-Power LED / 17,6W / Total power 19W / CRI>80 / 220-240V / Integral electronic power supply



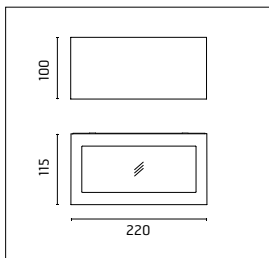
529028
529028-300 Dimmable Dali
529028-310 Dimmable 1-10
White 2700K
lm LED 2x1502 \neq lm OUTPUT 2x710

529008
529008-300 Dimmable Dali
529008-310 Dimmable 1-10
White 3000K
lm LED 2x1615 \neq lm OUTPUT 2x763

529007
529007-300 Dimmable Dali
529007-310 Dimmable 1-10
White 4000K
lm LED 2x1668 \neq lm OUTPUT 2x788



@4000K



IP66





Midna High Efficiency - Unidirectional

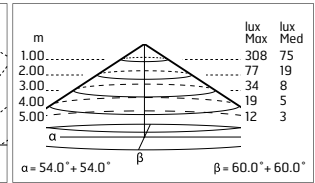
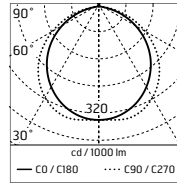
Light Source: Mid-Power LED / 8,8W / Total power 11W / CRI>80 / 220-240V / Integral electronic power supply



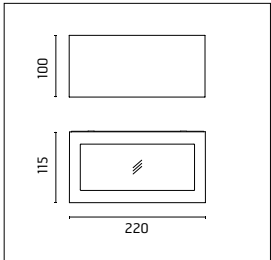
529053
529053-300 Dimmable Dali
529053-310 Dimmable 1-10
 White 2700K
 lm LED 1502 \approx lm OUTPUT 815

529052
529052-300 Dimmable Dali
529052-310 Dimmable 1-10
 White 3000K
 lm LED 1615 \approx lm OUTPUT 876

529051
529051-300 Dimmable Dali
529051-310 Dimmable 1-10
 White 4000K
 lm LED 1668 \approx lm OUTPUT 905



@4000K



IP66

Midna High Efficiency - Bidirectional

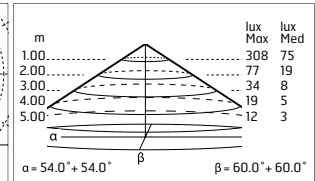
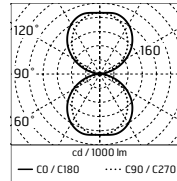
Light Source: Mid-Power LED / 17,6W / Total power 19W / CRI>80 / 220-240V / Integral electronic power supply



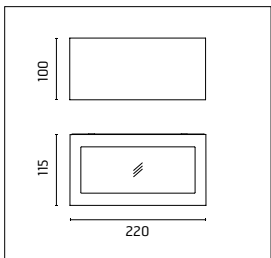
529056
529056-300 Dimmable Dali
529056-310 Dimmable 1-10
 White 2700K
 lm LED 2x1502 \approx lm OUTPUT 2x815

529055
529055-300 Dimmable Dali
529055-310 Dimmable 1-10
 White 3000K
 lm LED 2x1615 \approx lm OUTPUT 2x876

529054
529054-300 Dimmable Dali
529054-310 Dimmable 1-10
 White 4000K
 lm LED 2x1668 \approx lm OUTPUT 2x905



@4000K

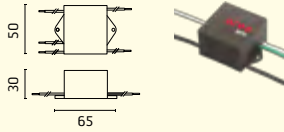


IP66

Accessories: Midna

237

SPD: (SURGE PROTECTION DEVICE)
 275Vac
 MAXIMUM DISCHARGE CURRENT
 10KA (8/20µs)
 MAXIMUM OPERATING CURRENT 5A
 SUITABLE FOR SERIES CONNEC-
 TION - IP66








acc. code ▶	dimmi DALI	dimmi 1-10	237
prod. code ▼			
529001.A			
529003	-300	-310	•
529004	-300	-310	•
529005.A			
529007	-300	-310	•
529008	-300	-310	•
529024	-300	-310	•
529028	-300	-310	•
529051	-300	-310	•
529052	-300	-310	•
529053	-300	-310	•
529054	-300	-310	•
529055	-300	-310	•
529056	-300	-310	•



- Luminaire for installation on wall – surface mounted.
- Configuration: polycarbonate structure and die-cast aluminium cover and base (MaxiMelrie only), EN AB-47100 alloy (low copper content)
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: Melrie: II; MaxiMelrie: I
- Installation: Melrie: wiring through two rubber cable holders (5mm\varnothing<math><10\text{mm}</math> cables); MaxiMelrie: wiring through two rubber cable holders (8mm\varnothing<math><13\text{mm}</math> cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating.
Damages on the coating exposed to outdoor conditions or water, could cause corrosion.
Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

	LED VERSION: Class A/A+/A++ Luminaire supplied with integrated LED modules that cannot be replaced
	
	
	FLUORESCENT VERSION: Class A TC-DEL/G24q-1 TC-DEL/G24q-3
	HALOGEN VERSION: Class D QT26/E14



Wall fitting



The fitting is equipped with 2 cable input



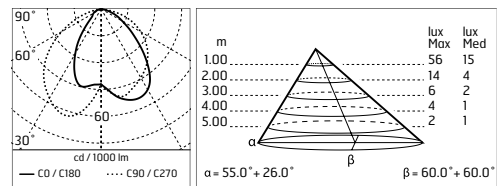
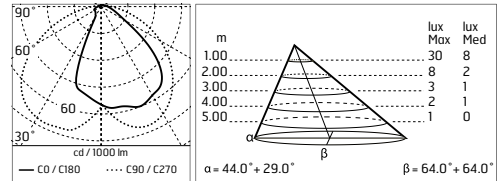
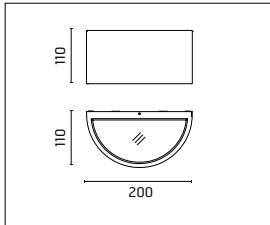
Protection against impact.
IK 09 - 10,00 joule

Melrie - Unidirectional



481121
 QT 26 40W E14
 Lamp max size: Ø40 mm H.95 mm

485721
 TC-DEL 13W G24q-1
 Electronic ballast



IP65

Melrie - Unidirectional

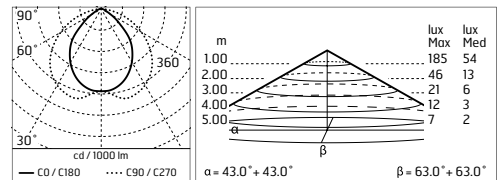
Light Source: Mid-Power LED / 5,5W / Total power 8W / CRI>80 / 220÷240V / Integral electronic power supply



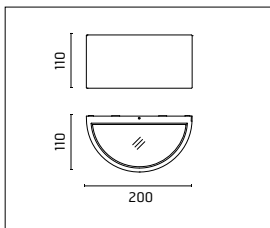
483005
 White 2700K
 lm LED 714 \approx lm OUTPUT 452

483002
 White 3000K
 lm LED 768 \approx lm OUTPUT 486

483001
 White 4000K
 lm LED 806 \approx lm OUTPUT 510



@4000K



IP65

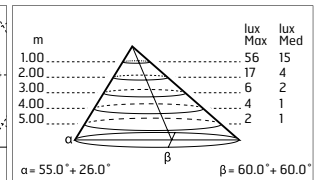
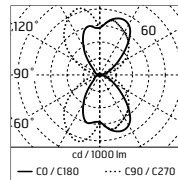
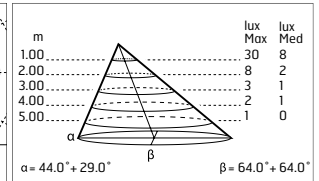
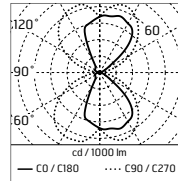
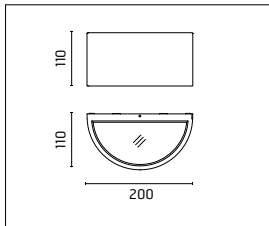
Melrie - Bidirectional



481122
 QT 26 40W E14
 Lamp max size: Ø40 mm H.95 mm

485722
 TC-DEL 13W G24q-1

Electronic ballast



IP65

Melrie - Bidirectional

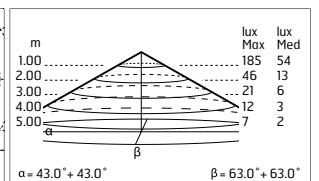
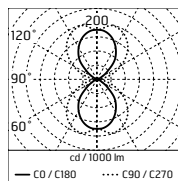
Light Source: Mid-Power LED / 11W / Total power 14W / CRI>80 / 220÷240V / Integral electronic power supply



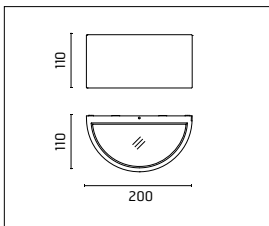
483006
 White 2700K
 lm LED 2x714 = lm OUTPUT 2x452

483004
 White 3000K
 lm LED 2x768 = lm OUTPUT 2x486

483003
 White 4000K
 lm LED 2x806 = lm OUTPUT 2x510



@4000K



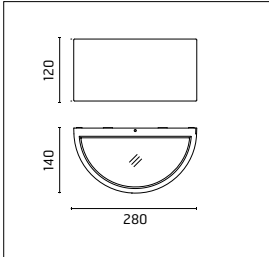
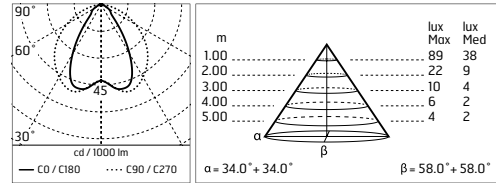
IP65

MaxiMelrie - Unidirectional



486121
TC-DEL 26W G24q-3

Electronic ballast



IP65

MaxiMelrie - Unidirectional

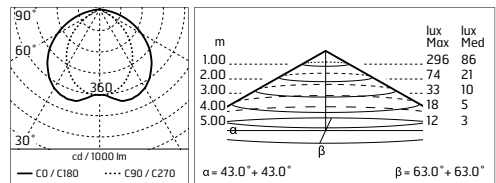
Light Source: Mid-Power LED / 8,8W / Total power 12W / CRI>80 / 220±240V / Integral electronic power supply



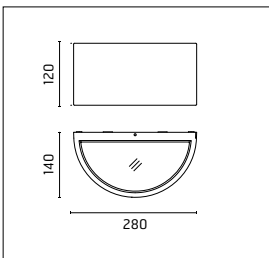
4827524
White 2700K
lm LED 1144 ≠ lm OUTPUT 724

4827521
White 3000K
lm LED 1230 ≠ lm OUTPUT 778

4827421
White 4000K
lm LED 1291 ≠ lm OUTPUT 817



@4000K



Dimmable on request

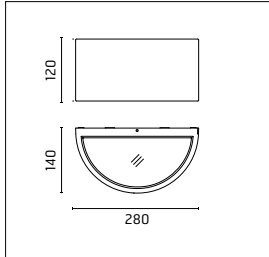
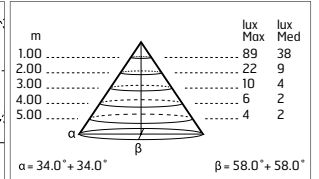
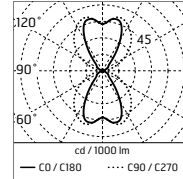
IP65

MaxiMelrie - Bidirectional



486122
TC-DEL 26W G24q-3

Electronic ballast



IP65

MaxiMelrie - Bidirectional

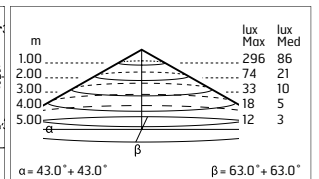
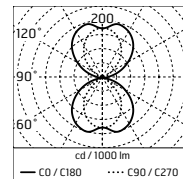
Light Source: Mid-Power LED / 17,6W / Total power 18W / CRI>80 / 220÷240V / Integral electronic power supply



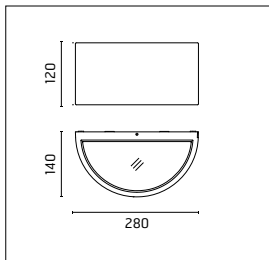
4827525
White 2700K
lm LED 2x1144 ≈ lm OUTPUT 2x724

4827522
White 3000K
lm LED 2x1230 ≈ lm OUTPUT 2x778

4827422
White 4000K
lm LED 2x1291 ≈ lm OUTPUT 2x817



@4000K



Dimmable on request

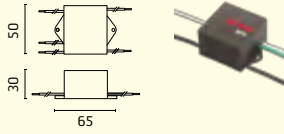
IP65



Accessories: Melrie

237

SPD: (SURGE PROTECTION DEVICE)
 275Vac
 MAXIMUM DISCHARGE CURRENT
 10KA (8/20µs)
 MAXIMUM OPERATING CURRENT 5A
 SUITABLE FOR SERIES CONNEC-
 TION - IP66








acc. code ▶	237
prod. code ▼	
481121	
481122	
483001	•
483002	•
483003	•
483004	•
483005	•
483006	•
485721	
485722	
486121	
486122	
4827421	•
4827422	•
4827521	•
4827522	•
4827524	•
4827525	•

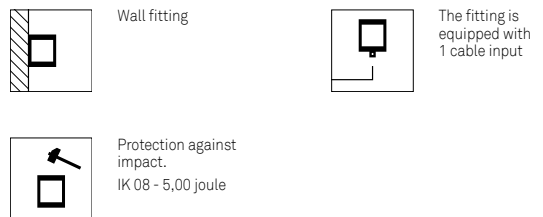


EMMA 70

- Luminaire for installation on wall – surface mounted.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Glass diffuser: transparent.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP66
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: wiring through one cable holder (5mm$\lt; \lt; 10\text{mm}$ cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

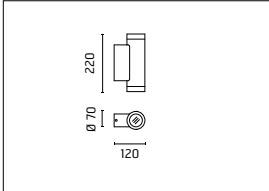
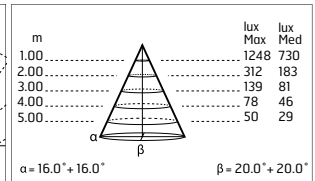
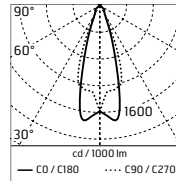
	LED VERSION: Class A/A+/A++ Luminaire supplied with integrated LED modules that cannot be replaced
	
	
	HALOGEN VERSION: Class B QR.CBC51/GU5,3
	HALOGEN VERSION: Class D QP.ARCBC51/GZ10



Emma70 - Unidirectional



1162821.A
 PAR 16 50W/230V GZ10
 Lamp max size: Ø50 mm H.55 mm
 Optional LED bulb
 DR PAR 7,5W/230V GZ10
 Lamp max size: Ø50 mm H.55 mm



IP66

Emma70 - Unidirectional - 14°

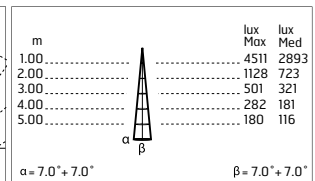
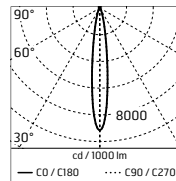
Light Source: Power LED / 4,6W / Total power 6,5W / CRI>80 / 110÷240V / Integral electronic power supply



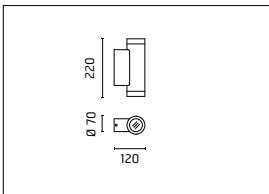
1162712.A
 White 2700K
 lm LED 574 ≈ lm OUTPUT 439

1165612.A
 White 3000K
 lm LED 617 ≈ lm OUTPUT 472

11617212.A
 White 4000K
 lm LED 649 ≈ lm OUTPUT 488



@ 4000K



IP66

Emma70 - Unidirectional - 54°

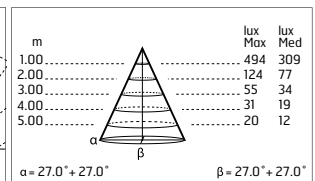
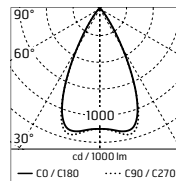
Light Source: Power LED / 4,6W / Total power 6,5W / CRI>80 / 110÷240V / Integral electronic power supply



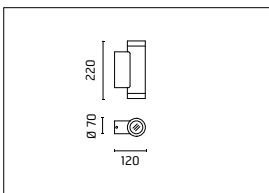
1162721.A
 White 2700K
 lm LED 574 ≈ lm OUTPUT 392

1165621.A
 White 3000K
 lm LED 617 ≈ lm OUTPUT 422

11617221.A
 White 4000K
 lm LED 649 ≈ lm OUTPUT 436



@ 4000K

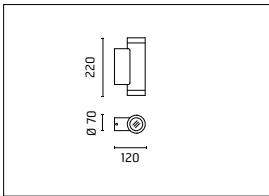
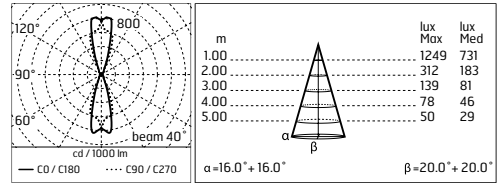


IP66

Emma70 - Bidirectional



1162842.A
 PAR 16 2x50W/230V GZ10
 Lamp max size: Ø50 mm H.55 mm
 Optional LED bulb
 DR PAR 7,5W/230V GZ10
 Lamp max size: Ø50 mm H.55 mm



IP66

Emma70 - Bidirectional - 14°

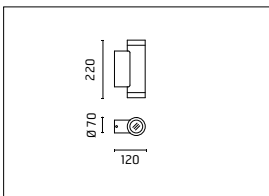
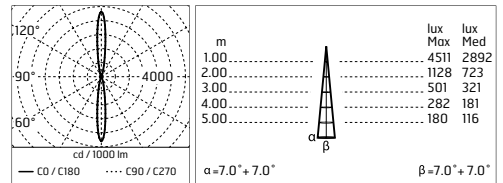
Light Source: Power LED / 9,3W / Total power 12W / CRI>80 / 110-240V / Integral electronic power supply



11627113.A
 White 2700K
 lm LED 2x574 ≠ lm OUTPUT 2x439

11656113.A
 White 3000K
 lm LED 2x617 ≠ lm OUTPUT 2x472

116172113.A
 White 4000K
 lm LED 2x649 ≠ lm OUTPUT 2x488

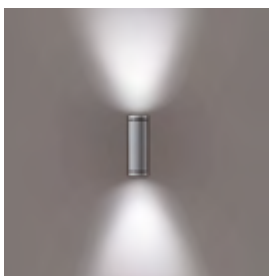


@ 4000K

IP66

Emma70 - Bidirectional - 54°

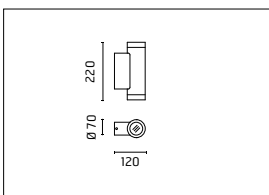
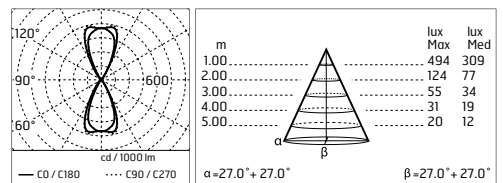
Light Source: Power LED / 9,3W / Total power 12W / CRI>80 / 110-240V / Integral electronic power supply



1162742.A
 White 2700K
 lm LED 2x574 ≠ lm OUTPUT 2x392

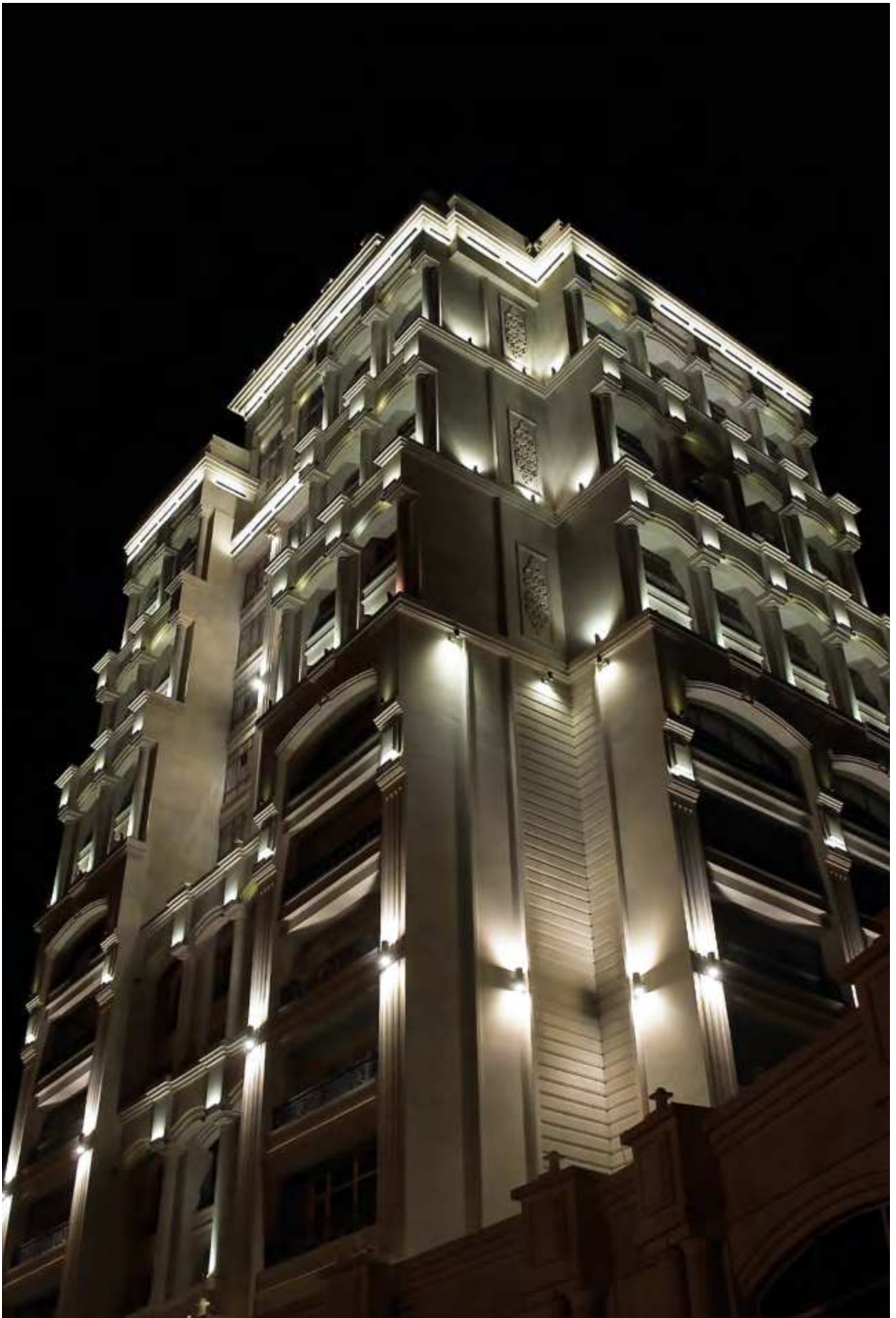
1165642.A
 White 3000K
 lm LED 2x617 ≠ lm OUTPUT 2x422

11617242.A
 White 4000K
 lm LED 2x649 ≠ lm OUTPUT lm LED
 2x649 ≠ lm OUTPUT 2x436



@ 4000K

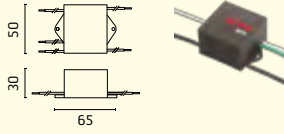
IP66



Accessories: Emma70

237

SPD: (SURGE PROTECTION DEVICE)
 275Vac
 MAXIMUM DISCHARGE CURRENT
 10KA (8/20µs)
 MAXIMUM OPERATING CURRENT 5A
 SUITABLE FOR SERIES CONNEC-
 TION - IP66









acc. code ▶	237
prod. code ▼	
1162712.A	•
1162721.A	•
1162742.A	•
1162821.A	
1162842.A	
1165612.A	•
1165621.A	•
1165642.A	•
11617212.A	•
11617221.A	•
11617242.A	•
11627113.A	•
11656113.A	•
116172113.A	•

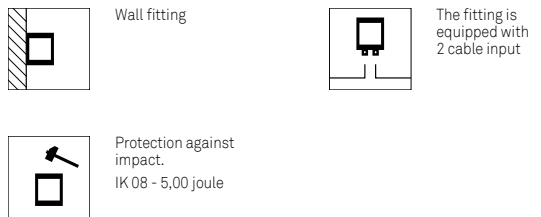


EMMA 110

- Luminaire for installation on wall – surface mounted.
- Configuration: die-cast aluminium fixing base and frames, EN AB-47100 alloy (low copper content), extruded aluminium body. Glass diffuser: transparent.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP66
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: wiring through two cable holders (8mm\times12mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder. A quick clamp placed in the wiring unit allows an easy connection and disconnection for installation or maintenance.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating.
Damages on the coating exposed to outdoor conditions or water, could cause corrosion.
Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

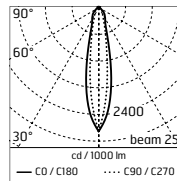
	LED VERSION: Class A/A+/A++ Luminaire supplied with integrated LED modules that cannot be replaced
	
	
	HALOGEN VERSION: Class A/A+
	HIT-TC-CE/G8,5
	HALOGEN VERSION: Class D QPAR/E27



Emma110 - Unidirectional

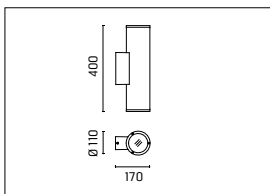


1170121.A
 QPAR 50W E27
 Lamp max size: Ø95 mm H.60 mm



m	lux Max	lux Med
1.00	971	545
2.00	243	136
3.00	103	61
4.00	61	34
5.00	39	22

$\alpha = 11.0^\circ + 11.0^\circ$ $\beta = 8.0^\circ + 8.0^\circ$

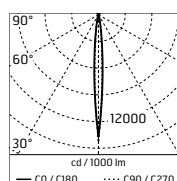


IP66

Emma110 - Unidirectional - 10°

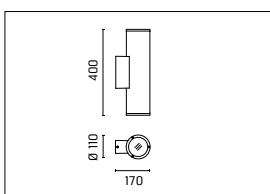


1176612.A
 HIT-TC-CE 20W G8.5
 Electronic ballast



m	lux Max	lux Med
1.00	23238	14073
2.00	5810	3518
3.00	2582	1564
4.00	1452	880
5.00	930	563

$\alpha = 4.0^\circ + 4.0^\circ$ $\beta = 4.0^\circ + 4.0^\circ$

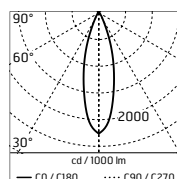


IP66

Emma110 - Unidirectional - 30°

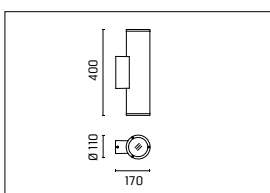


1176621.A
 HIT-TC-CE 20W G8.5
 Electronic ballast



m	lux Max	lux Med
1.00	3737	2261
2.00	934	565
3.00	415	251
4.00	234	141
5.00	149	90

$\alpha = 15.0^\circ + 15.0^\circ$ $\beta = 15.0^\circ + 15.0^\circ$



IP66

Emma110 - Unidirectional - 20°

Light Source: CoB LED / 12W / Total power 14,5W / CRI>80 / 220÷240V / Integral electronic power supply

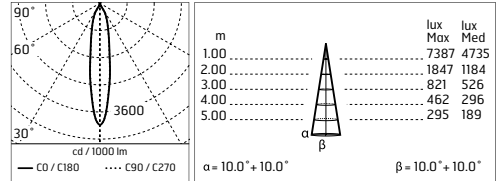


117279146.A
White 2700K
lm LED 1895 ≠ lm OUTPUT 1569

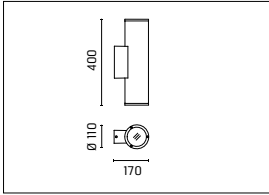


117269146.A
White 3000K
lm LED 2038 ≠ lm OUTPUT 1687

117268146.A
White 4000K
lm LED 2123 ≠ lm OUTPUT 1757



@ 4000K



IP66

Emma110 - Unidirectional - 38°

Light Source: CoB LED / 12W / Total power 14,5W / CRI>80 / 220÷240V / Integral electronic power supply

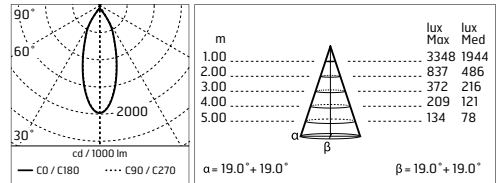


117279147.A
White 2700K
lm LED 1895 ≠ lm OUTPUT 1526

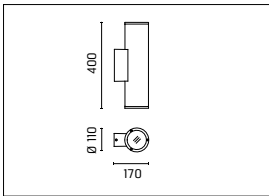


117269147.A
White 3000K
lm LED 2038 ≠ lm OUTPUT 1641

117268147.A
White 4000K
lm LED 2123 ≠ lm OUTPUT 1709



@ 4000K

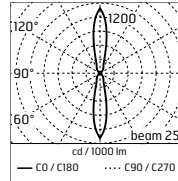


IP66

Emma110 - Bidirectional

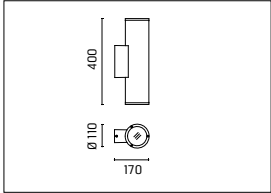


1170242.A
 QPAR20 2x50W E27
 Lamp max size: Ø95 mm H.60 mm



m	lux Max	lux Med
1.00	972	546
2.00	243	136
3.00	108	61
4.00	61	34
5.00	39	22

$\alpha = 11.0^\circ + 11.0^\circ$ $\beta = 8.0^\circ + 8.0^\circ$

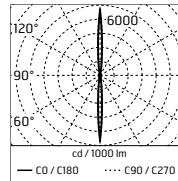


IP66

Emma110 - Bidirectional - 10°

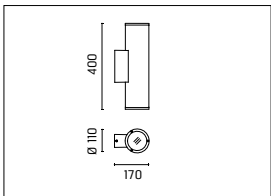


11715012.A
 HIT-TC-CE 2x20W G8.5
 Electronic ballast



m	lux Max	lux Med
1.00	23240	14074
2.00	5810	3519
3.00	2582	1567
4.00	1453	880
5.00	930	563

$\alpha = 4.0^\circ + 4.0^\circ$ $\beta = 4.0^\circ + 4.0^\circ$

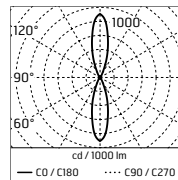


IP66

Emma110 - Bidirectional - 30°

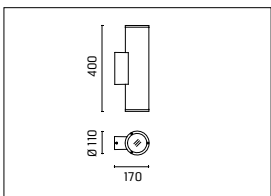


11715042.A
 HIT-TC-CE 2x20W G8.5
 Electronic ballast



m	lux Max	lux Med
1.00	3740	2263
2.00	935	566
3.00	416	251
4.00	234	151
5.00	150	91

$\alpha = 15.0^\circ + 14.0^\circ$



IP66

Emma110 - Bidirectional - 20°

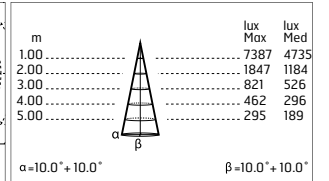
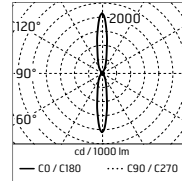
Light Source: CoB LED / 24W / Total power 27W / CRI>80 / 220÷240V / Integral electronic power supply



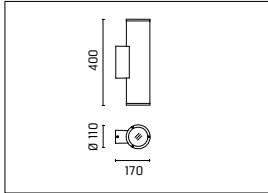
117279148.A
White 2700K
lm LED 2x1895 = lm OUTPUT 2x1569

117269148.A
White 3000K
lm LED 2x2038 = lm OUTPUT 2x1687

117268148.A
White 4000K
lm LED 2x2123 = lm OUTPUT 2x1757



@ 4000K



IP66

Emma110 - Bidirectional - 38°

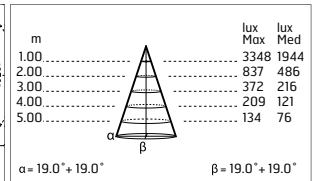
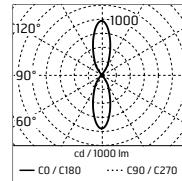
Light Source: CoB LED / 24W / Total power 27W / CRI>80 / 220÷240V / Integral electronic power supply



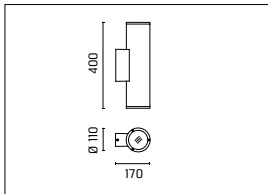
117279149.A
White 2700K
lm LED 2x1895 = lm OUTPUT 2x1526

117269149.A
White 3000K
lm LED 2x2038 = lm OUTPUT 2x1641

117268149.A
White 4000K
lm LED 2x2123 = lm OUTPUT 2x1709



@ 4000K



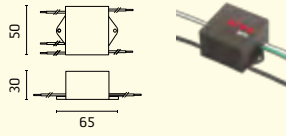
IP66



Accessories: Emma110

237

SPD: (SURGE PROTECTION DEVICE)
 275Vac
 MAXIMUM DISCHARGE CURRENT
 10KA (8/20µs)
 MAXIMUM OPERATING CURRENT 5A
 SUITABLE FOR SERIES CONNec-
 TION - IP66



acc. code ▶	237
prod. code ▼	
1170121.A	
1170242.A	
1176612.A	
1176621.A	
11715012.A	
11715042.A	
117268146.A	•
117268147.A	•
117268148.A	•
117268149.A	•
117269146.A	•
117269147.A	•
117269148.A	•
117269149.A	•
117279146.A	•
117279147.A	•
117279148.A	•
117279149.A	•











Medeniyet ve İnceşenet Üniversitesi

EMMA 150

- Luminaire for installation on wall – surface mounted.
- Configuration: die-cast aluminium fixing base and frames, EN AB-47100 alloy (low copper content), extruded aluminium body. Glass diffuser: transparent.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP66
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: wiring through two cable holders (8mm\times12mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder. A quick clamp placed in the wiring unit allows an easy connection and disconnection for installation or maintenance.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

	LED VERSION: Class A/A+/A++ Luminaire supplied with integrated LED modules that cannot be replaced
	
	
	METAL HALIDE VERSION: Class A+ HIT-TC-CE/G8,5
	
	FLUORESCENT VERSION: Class A TC-TEL/GX24q-3
	
	HALOGEN VERSION: Class D QPAR30S/E27



Wall fitting



The fitting is equipped with 2 cable input



Protection against impact.
IK 08 - 5,00 joule

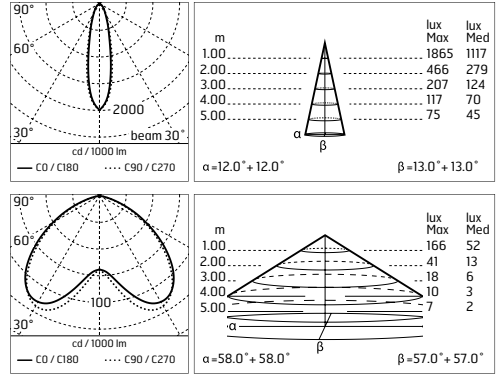
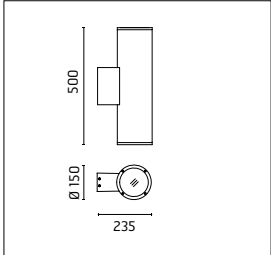
Emma110 - Bidirectional



1180121.A
QPAR30S 75W E27
Lamp max size: Ø120 mm H.80 mm

1189821.A
TC-TEL 26W GX24 q-3

Electronic ballast



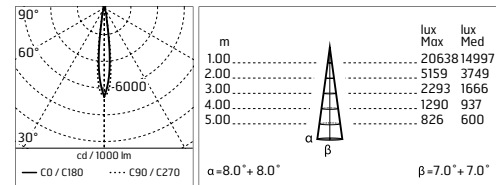
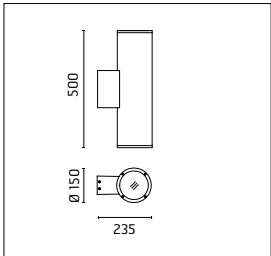
IP66

Emma150 - Unidirectional - 16°



1186712.A
HIT-TC-CE 35W G8.5

Electronic ballast



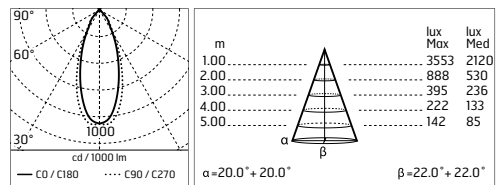
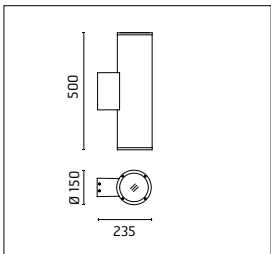
IP66

Emma150 - Unidirectional - 40°



1186721.A
HIT-TC-CE 35W G8.5

Electronic ballast



IP66

Emma150 - Unidirectional - 18°

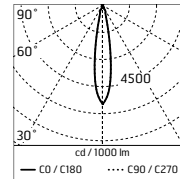
Light Source: CoB LED / 17W / Total power 20W / CRI>80 / 220÷240V / Integral electronic power supply



118282150.A
White 2700K
lm LED 2744 = lm OUTPUT 2121

118272150.A
White 3000K
lm LED 2950 = lm OUTPUT 2281

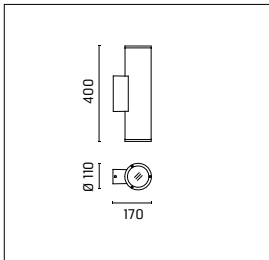
118271150.A
White 4000K
lm LED 3080 = lm OUTPUT 2382



m	lux	
	Max	Med
1.00	13047	8310
2.00	3262	2078
3.00	1450	923
4.00	815	519
5.00	522	332

$\alpha = 9.0^\circ + 9.0^\circ$ $\beta = 9.0^\circ + 9.0^\circ$

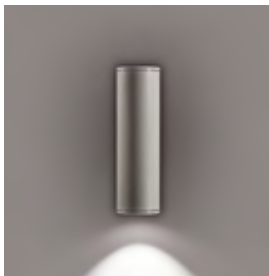
@ 4000K



IP66

Emma150 - Unidirectional - 42°

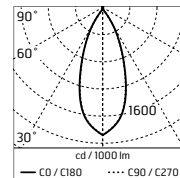
Light Source: CoB LED / 17W / Total power 20W / CRI>80 / 220÷240V / Integral electronic power supply



118282151.A
White 2700K
lm LED 2744 = lm OUTPUT 2030

118272151.A
White 3000K
lm LED 2950 = lm OUTPUT 2183

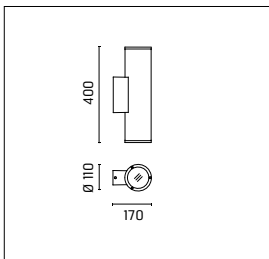
118271151.A
White 4000K
lm LED 3080 = lm OUTPUT 2279



m	lux	
	Max	Med
1.00	4294	2517
2.00	1074	629
3.00	477	280
4.00	268	157
5.00	172	101

$\alpha = 21.0^\circ + 21.0^\circ$ $\beta = 21.0^\circ + 21.0^\circ$

@ 4000K



IP66

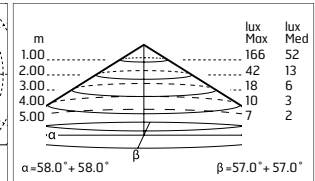
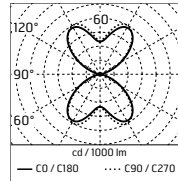
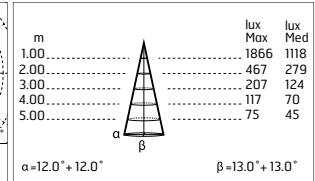
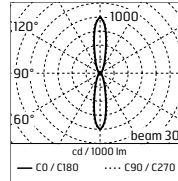
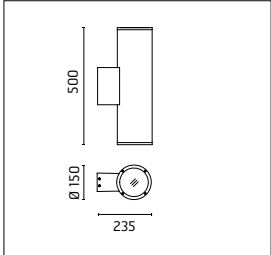
Emma110 - Bidirectional



1180242.A
QPAR30S 2x75W E27
Lamp max size: Ø120 mm H.80 mm

11815142.A
TC-TEL 2x26W GX24 q-3

Electronic ballast



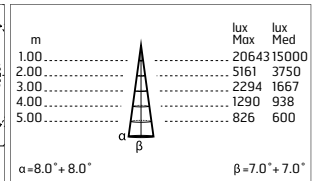
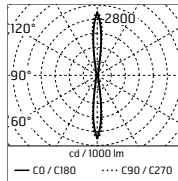
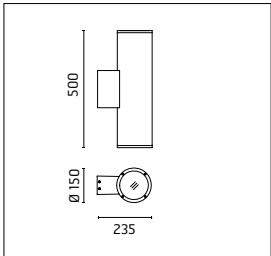
IP66

Emma150 - Bidirectional - 16°



11815212.A
HIT-TC-CE 2x35W G8.5

Electronic ballast



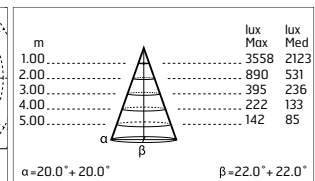
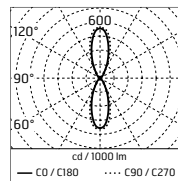
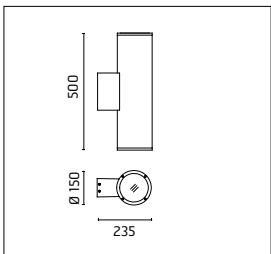
IP66

Emma150 - Bidirectional - 40°



11815242.A
HIT-TC-CE 2x35W G8.5

Electronic ballast



IP66

Emma150 - Bidirectional - 18°

Light Source: CoB LED / 34W / Total power 39W / CRI>80 / 220÷240V / Integral electronic power supply

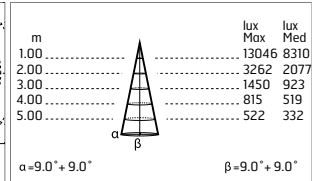
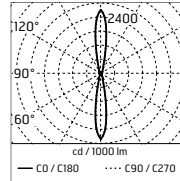


118282152.A
White 2700K
lm LED 2x2744 ≠ lm OUTPUT 2x2121

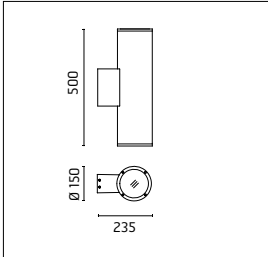


118272152.A
White 3000K
lm LED 2x2950 ≠ lm OUTPUT 2x2281

118271152.A
White 4000K
lm LED 2x3080 ≠ lm OUTPUT 2x2382



@ 4000K



IP66

Emma150 - Bidirectional - 42°

Light Source: CoB LED / 34W / Total power 39W / CRI>80 / 220÷240V / Integral electronic power supply

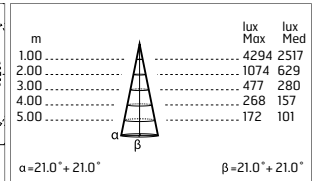
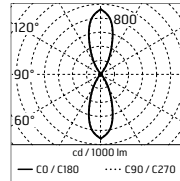


118282153.A
White 2700K
lm LED 2x2744 ≠ lm OUTPUT 2x2030

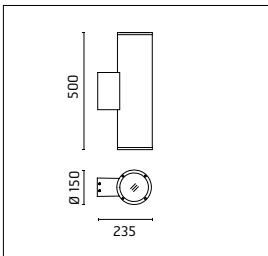


118272153.A
White 3000K
lm LED 2x2950 ≠ lm OUTPUT 2x2183

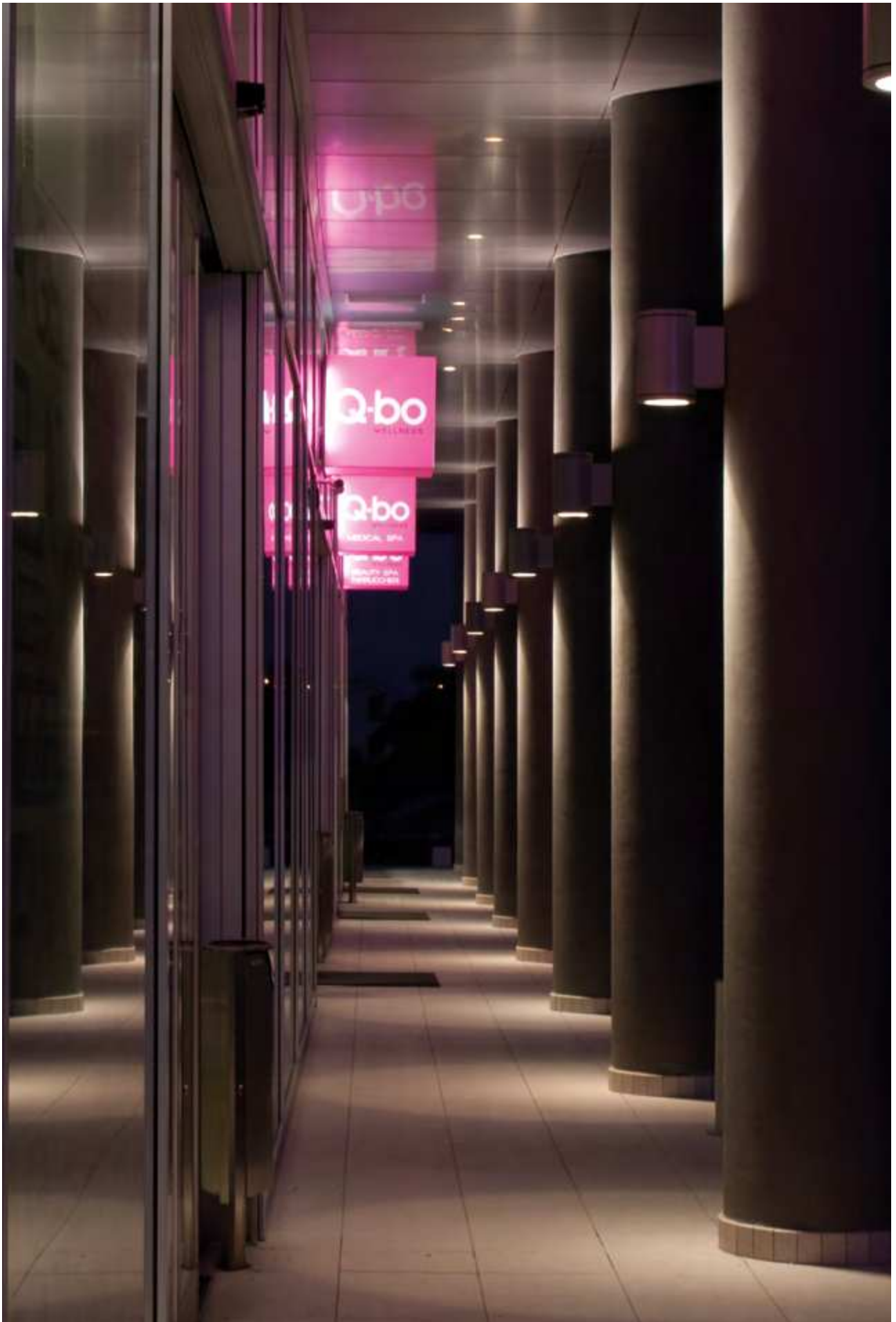
118271153.A
White 4000K
lm LED 2x3080 ≠ lm OUTPUT 2x2279



@ 4000K



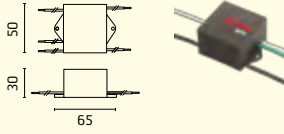
IP66



Accessories: Emma150

237

SPD: (SURGE PROTECTION DEVICE)
 275Vac
 MAXIMUM DISCHARGE CURRENT
 10KA (8/20µs)
 MAXIMUM OPERATING CURRENT 5A
 SUITABLE FOR SERIES CONNEC-
 TION - IP66



acc. code ▶	237
prod. code ▼	
1180121.A	
1180242.A	
1186712.A	
1186721.A	
1189821.A	
11815142.A	
11815212.A	
11815242.A	
118271150.A	•
118271151.A	•
118271152.A	•
118271153.A	•
118272150.A	•
118272151.A	•
118272152.A	•
118272153.A	•
118282150.A	•
118282151.A	•
118282152.A	•
118282153.A	•



- Luminaire for installation on wall – surface mounted.
- Configuration: turned aluminium body (EN AW6060 alloy) and AISI 316L stainless steel fixing bracket. Glass diffuser: extra clear with silkscreen border, fixed to the body by a double-sided tape.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: III
- Installation: the luminaire is supplied with a piece of cable (approx. 250mm) for an easy-to-make connection and it is equipped with a dc/dc resin-coated converter that removes electromagnetic interference. The luminaire is protected against polarity reversal and sudden voltage peak. Parallel wiring required.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

A++
A+
A

LED VERSION:
Class A/A+/A++
Luminaire supplied with integrated LED modules that cannot be replaced



Wall fitting

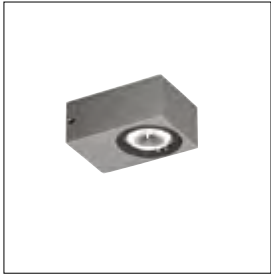
Pre-wired with approx 250mm of cable

Remote device required.

Protection against impact.
IK 05 - 0,70 joule

Epsilon - 10°

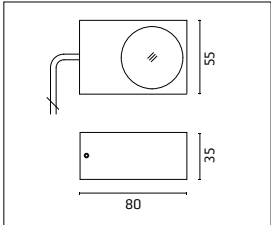
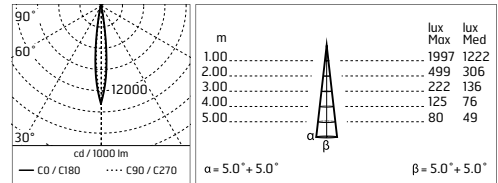
Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



508005
White 2700K
lm LED 169 ≈ lm OUTPUT 118

508003
White 3000K
lm LED 182 ≈ lm OUTPUT 127

508002
White 4000K
lm LED 198 ≈ lm OUTPUT 138



IP65

Epsilon - 30°

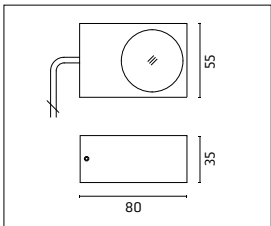
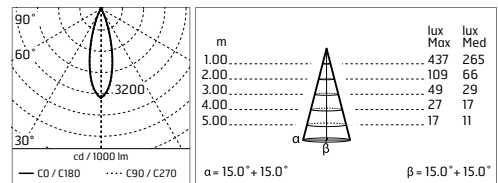
Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



508015
White 2700K
lm LED 169 ≈ lm OUTPUT 106

508013
White 3000K
lm LED 182 ≈ lm OUTPUT 114

508012
White 4000K
lm LED 198 ≈ lm OUTPUT 125



IP65

Epsilon - 10°

Light Source: Power LED / 3,3W / Total power 4,5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered

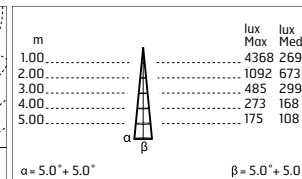
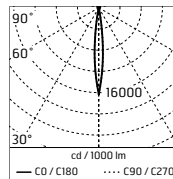


508025
White 2700K
lm LED 307 ≠ lm OUTPUT 219

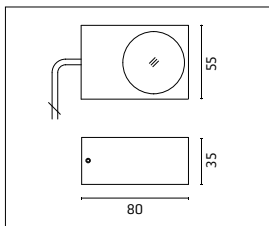


508023
White 3000K
lm LED 330 ≠ lm OUTPUT 236

508022
White 4000K
lm LED 360 ≠ lm OUTPUT 258



@ 4000K



IP65

Epsilon - 30°

Light Source: Power LED / 3,3W / Total power 4,5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered

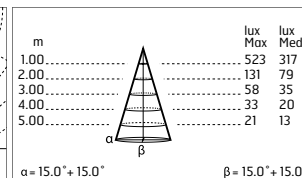
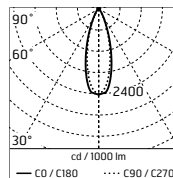


508035
White 2700K
lm LED 307 ≠ lm OUTPUT 176

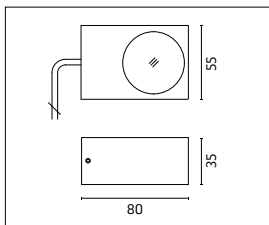


508033
White 3000K
lm LED 330 ≠ lm OUTPUT 189

508032
White 4000K
lm LED 360 ≠ lm OUTPUT 207



@ 4000K



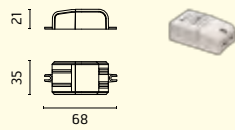
IP65



Accessories: Epsilon

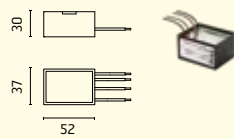
150

POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP20 CLASS II SELV EQ.



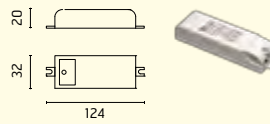
106

POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP65 CLASS II SELV EQ.



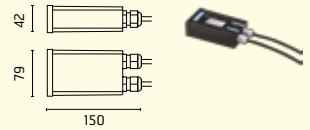
87

POWER SUPPLY 10W/110÷240V -
24Vdc IP20 CLASS II SELV.



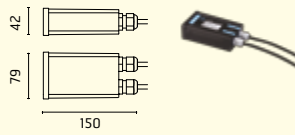
175

POWER SUPPLY 10W/110÷240V -
24Vdc IP67 CLASS II SELV.



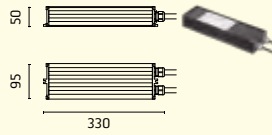
147

POWER SUPPLY 20W/220÷240V -
24Vdc IP67 CLASS II SELV.



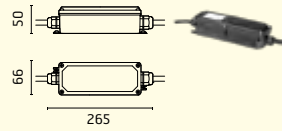
155

POWER SUPPLY 50W/120÷240V -
24Vdc IP67 CLASS II SELV.



110

POWER SUPPLY 70W/220÷240V -
24Vdc IP67 CLASS II SELV EQ.



acc. code ▶	150	106	87	175	147	155	110
prod. code ▼							
508002	1	1	2	2	3	9	17
508003	1	1	2	2	3	9	17
508005	1	1	2	2	3	9	17
508012	1	1	2	2	3	9	17
508013	1	1	2	2	3	9	17
508015	1	1	2	2	3	9	17
508022	1	1	2	2		7	14
508023	1	1	2	2		7	14
508025	1	1	2	2		7	14
508032	1	1	2	2		7	14
508033	1	1	2	2		7	14
508035	1	1	2	2		7	14

Max fixtures for each power supply (Vin 220÷240). Data in the chart are provided as a guide only. Please verify according to your installation.



- Luminaire for installation on wall – surface mounted.
- Configuration: turned aluminium body (EN AW6060 alloy) and AISI 316L stainless steel fixing bracket. Glass diffuser: extra clear with silkscreen border, fixed to the body by a double-sided tape.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: III
- Installation: the luminaire is supplied with a piece of cable (approx. 250mm) for an easy-to-make connection and it is equipped with a dc/dc resin-coated converter that removes electromagnetic interference. The luminaire is protected against polarity reversal and sudden voltage peak. Parallel wiring required.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

A++
A+
A

LED VERSION:
Class A/A+/A++
Luminaire supplied with integrated LED modules that cannot be replaced



Wall fitting

Pre-wired with approx 250mm of cable.

Remote device required.

Protection against impact.
IK 05 - 0,70 joule

Delta - Unidirectional - 10°

Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered

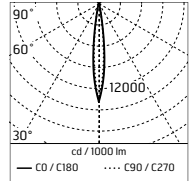


507005
White 2700K
lm LED 169 ≈ lm OUTPUT 118



507003
White 3000K
lm LED 182 ≈ lm OUTPUT 127

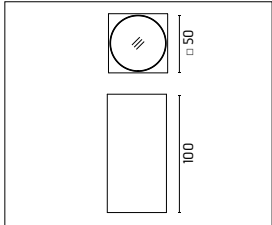
507002
White 4000K
lm LED 198 ≈ lm OUTPUT 138



m	lux Max	lux Med
1.00	1997	1222
2.00	499	306
3.00	222	136
4.00	125	76
5.00	80	49

α = 5.0° + 5.0° β = 5.0° + 5.0°

@ 4000K



IP65

Delta - Unidirectional - 30°

Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered

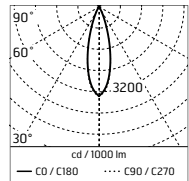


507015
White 2700K
lm LED 169 ≈ lm OUTPUT 106



507013
White 3000K
lm LED 182 ≈ lm OUTPUT 114

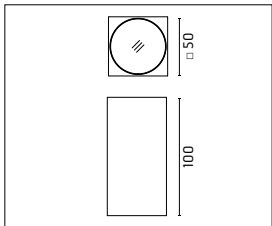
507012
White 4000K
lm LED 198 ≈ lm OUTPUT 125



m	lux Max	lux Med
1.00	437	265
2.00	109	66
3.00	49	29
4.00	27	17
5.00	17	11

α = 15.0° + 15.0° β = 15.0° + 15.0°

@ 4000K



IP65

Delta - Unidirectional - 10°

Light Source: Power LED / 3,3W / Total power 4,5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered

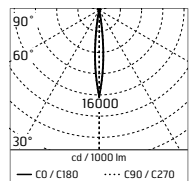


507025
White 2700K
lm LED 307 ≈ lm OUTPUT 219



507023
White 3000K
lm LED 330 ≈ lm OUTPUT 236

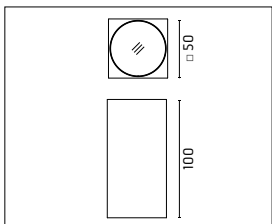
507022
White 4000K
lm LED 360 ≈ lm OUTPUT 258



m	lux Max	lux Med
1.00	4368	2691
2.00	1092	673
3.00	485	299
4.00	273	168
5.00	175	108

α = 5.0° + 5.0° β = 5.0° + 5.0°

@ 4000K



IP65

Delta - Unidirectional - 30°

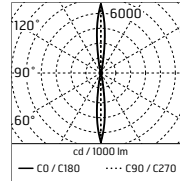
Light Source: Power LED / 3,3W / Total power 4,5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



507035
White 2700K
lm LED 307 ≠ lm OUTPUT 176

507033
White 3000K
lm LED 330 ≠ lm OUTPUT 189

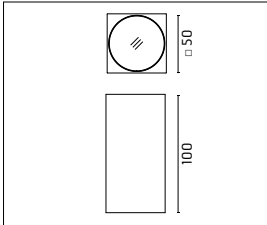
507032
White 4000K
lm LED 360 ≠ lm OUTPUT 207



m	lux	
	Max	Med
1.00	1997	1222
2.00	499	306
3.00	222	136
4.00	125	76
5.00	80	49

$\alpha = 5.0^\circ + 5.0^\circ$ $\beta = 5.0^\circ + 5.0^\circ$

@ 4000K



IP65

Delta - Bidirectional - 10°

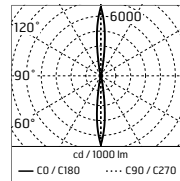
Light Source: Power LED / 4,4W / Total power 6,8W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



507105
White 2700K
lm LED 2x169 ≠ lm OUTPUT 2x118

507103
White 3000K
lm LED 2x182 ≠ lm OUTPUT 2x127

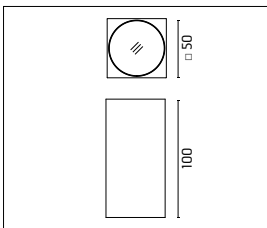
507102
White 4000K
lm LED 2x198 ≠ lm OUTPUT 2x138



m	lux	
	Max	Med
1.00	1997	1222
2.00	499	306
3.00	222	136
4.00	125	76
5.00	80	49

$\alpha = 5.0^\circ + 5.0^\circ$ $\beta = 5.0^\circ + 5.0^\circ$

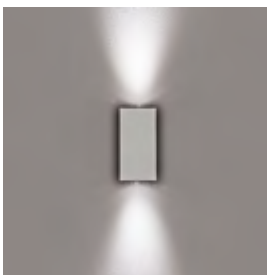
@ 4000K



IP65

Delta - Bidirectional - 30°

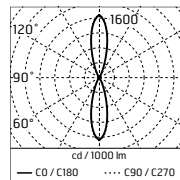
Light Source: Power LED / 4,4W / Total power 6,8W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



507115
White 2700K
lm LED 2x169 ≠ lm OUTPUT 2x106

507113
White 3000K
lm LED 2x182 ≠ lm OUTPUT 2x114

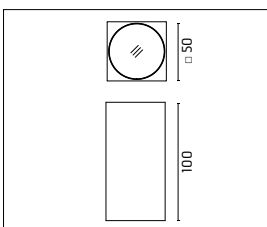
507112
White 4000K
lm LED 2x198 ≠ lm OUTPUT 2x125



m	lux	
	Max	Med
1.00	437	265
2.00	109	66
3.00	49	29
4.00	27	17
5.00	17	11

$\alpha = 15.0^\circ + 15.0^\circ$ $\beta = 15.0^\circ + 15.0^\circ$

@ 4000K



IP65

Delta - Bidirectional - 10°

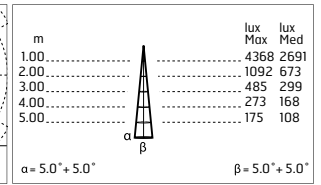
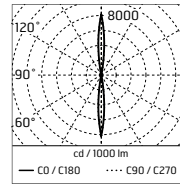
Light Source: Power LED / 6,6W / Total power 9W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



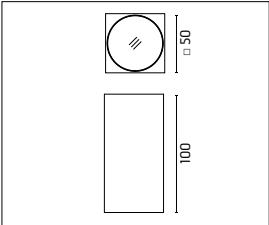
507125
White 2700K
lm LED 2x307 ≠ lm OUTPUT 2x219

507123
White 3000K
lm LED 2x330 ≠ lm OUTPUT 2x236

507122
White 4000K
lm LED 2x360 ≠ lm OUTPUT 2x258



@ 4000K



IP65

Delta - Bidirectional - 30°

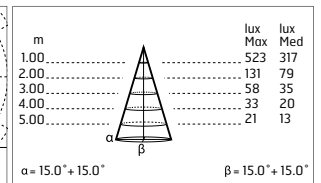
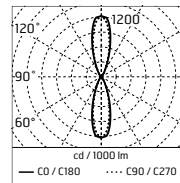
Light Source: Power LED / 6,6W / Total power 9W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



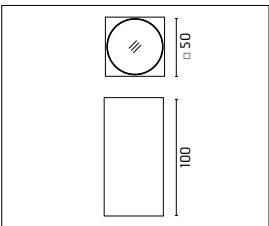
507135
White 2700K
lm LED 2x307 ≠ lm OUTPUT 2x176

507133
White 3000K
lm LED 2x330 ≠ lm OUTPUT 2x189

507132
White 4000K
lm LED 2x360 ≠ lm OUTPUT 2x207



@ 4000K

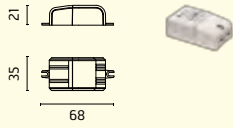


IP65

Accessories: Delta

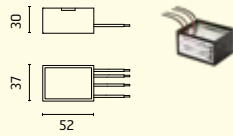
150

POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP20 CLASS II SELV EQ.



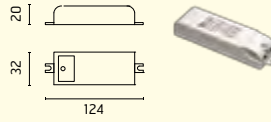
106

POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP65 CLASS II SELV EQ.



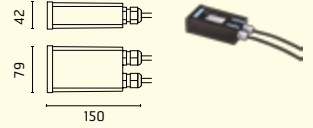
87

POWER SUPPLY 10W/110÷240V -
24Vdc IP20 CLASS II SELV.



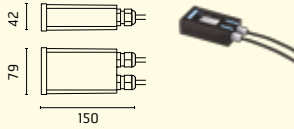
175

POWER SUPPLY 10W/110÷240V - 24Vdc
IP67 CLASS II SELV.



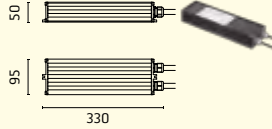
147

POWER SUPPLY 20W/220÷240V -
24Vdc IP67 CLASS II SELV.



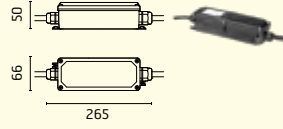
155

POWER SUPPLY 50W/120÷240V -
24Vdc IP67 CLASS II SELV.



110

POWER SUPPLY 70W/220÷240V -
24Vdc IP67 CLASS II SELV EQ.



acc. code ▶	150	106	87	175	147	155	110
prod. code ▼							
507002	1	1	2	2	3	9	17
507003	1	1	2	2	3	9	17
507005	1	1	2	2	3	9	17
507012	1	1	2	2	3	9	17
507013	1	1	2	2	3	9	17
507015	1	1	2	2	3	9	17
507022	1	1	2	2		7	14
507023	1	1	2	2		7	14
507025	1	1	2	2		7	14
507032	1	1	2	2		7	14
507033	1	1	2	2		7	14
507035	1	1	2	2		7	14
507102			1	1	2	5	8
507103			1	1	2	5	8
507105			1	1	2	5	8
507112			1	1	2	5	8
507113			1	1	2	5	8
507115			1	1	2	5	8
507122			1	1		3	7
507123			1	1		3	7
507125			1	1		3	7
507132			1	1		3	7
507133			1	1		3	7
507135			1	1		3	7

Max fixtures for each power supply (Vin 220÷240). Data in the chart are provided as a guide only. Please verify according to your installation.

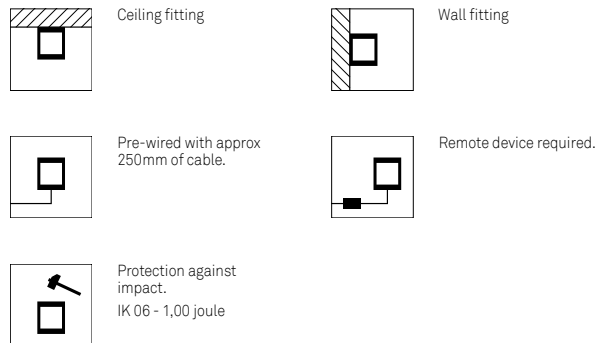


- Round luminaire for installation on wall or ceiling – surface mounted.
- Configuration: turned aluminium body (EN AW6060 alloy) and AISI 316L stainless steel fixing bracket. Methacrylate diffuser fixed to the body a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: III
- Installation: the luminaire is supplied with a piece of cable (approx. 250mm) for an easy-to-make connection and it is protected against polarity reversal and sudden voltage peak. Parallel wiring required.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

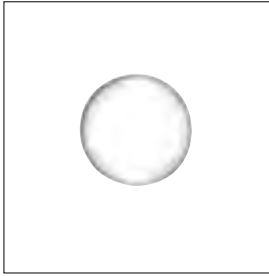


LED VERSION:
Class A/A+/A++
Luminaire supplied with integrated LED modules that cannot be replaced



Alfa - Methacrylate Diffuser

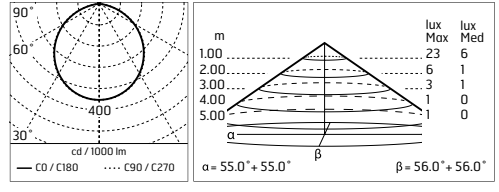
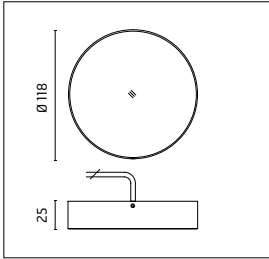
Light Source: Low Power LED / 2W / Total power 2,5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



505005
White 2700K
lm LED 123 ≈ lm OUTPUT 44
..||| Acc. 144, 176 or 252

505003
White 3000K
lm LED 132 ≈ lm OUTPUT 47
..||| Acc. 144, 176 or 252

505002
White 4000K
lm LED 188 ≈ lm OUTPUT 65
..||| Acc. 144, 176 or 252

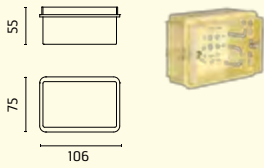


@ 4000K

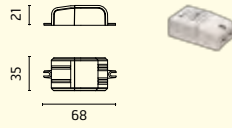
IP65

Accessories: Alfa

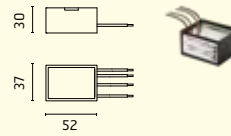
105
3 MODULES RECESSED BOX
106 x 75 H 55mm



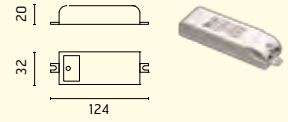
150
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP20 CLASS II SELV EQ.



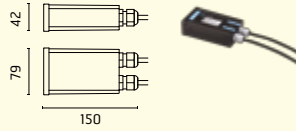
106
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP65 CLASS II SELV EQ.



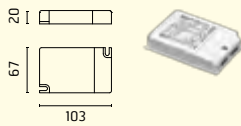
87
POWER SUPPLY 10W/110÷240V -
24Vdc IP20 CLASS II SELV.



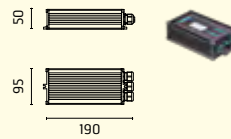
175
POWER SUPPLY 10W/110÷240V -
24Vdc IP67 CLASS II SELV.



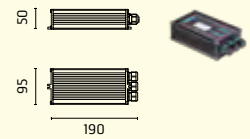
144
POWER SUPPLY 17W/110÷240V
- 24Vdc (15W@110V) IP20 CLASS
II SELV.



176
POWER SUPPLY 17W/110÷240V
- 24Vdc (15W@110V) IP67 CLASS
II SELV.



252
POWER SUPPLY 20W/110÷240Vdc
(15W@110V) IP67 CLASS II SELV.

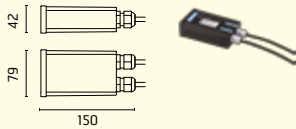


... DIMMABLE: PUSH-DIM OR 1-10V
See Page 510 Wiring Diagram n.4

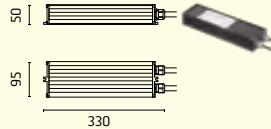
... DIMMABLE: PUSH-DIM OR 1-10V
See Page 510 Wiring Diagram n.4

... DIMMABLE: DALI
See Page 510 Wiring Diagram n.4

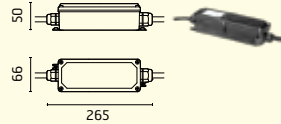
147
POWER SUPPLY 20W/220÷240V -
24Vdc IP67 CLASS II SELV.



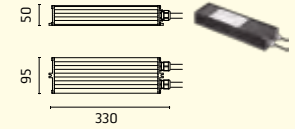
155
POWER SUPPLY 50W/120÷240V -
24Vdc IP67 CLASS II SELV.



110
POWER SUPPLY 70W/220÷240V -
24Vdc IP67 CLASS II SELV EQ.

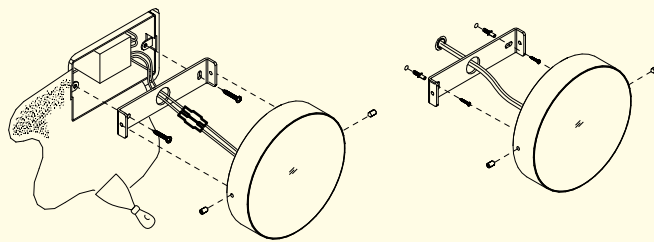


156
POWER SUPPLY 96W /120÷277V -
24Vdc IP67 CLASS II SELV.



Alfa with box cod.105

Alfa without box cod.105



Optional: power supply code 106 in
recessed box

acc. code ▶	105	150	106	87	175	144	176	252	147	155	110	156
prod. code ▼												
505002	•	2	2	3	3	6	6	6	7	20	25	36
505003	•	2	2	3	3	6	6	6	7	20	25	36
505005	•	2	2	3	3	6	6	6	7	20	25	36

Max fixtures for each power supply (Vin 220÷240). Data in the chart are provided as a guide only. Please verify according to your installation.

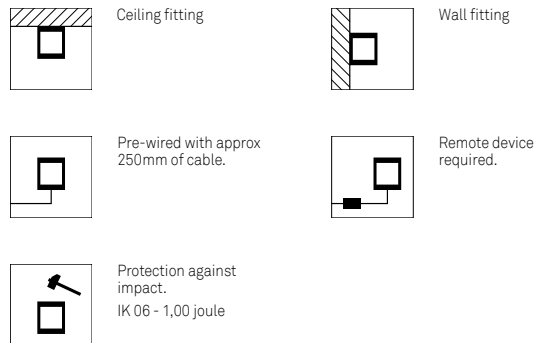


- Square luminaire for installation on wall or ceiling – surface mounted.
- Configuration: turned aluminium body (EN AW6060 alloy) and AISI 316L stainless steel fixing bracket. Methacrylate diffuser fixed to the body a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: III
- Installation: the luminaire is supplied with a piece of cable (approx. 250mm) for an easy-to-make connection and it is protected against polarity reversal and sudden voltage peak. Parallel wiring required.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

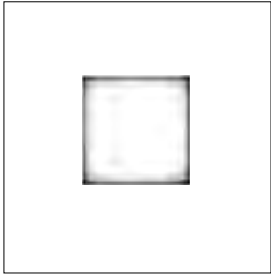


LED VERSION:
Class A/A+/A++
Luminaire supplied with integrated LED modules that cannot be replaced



Beta - Methacrylate Diffuser

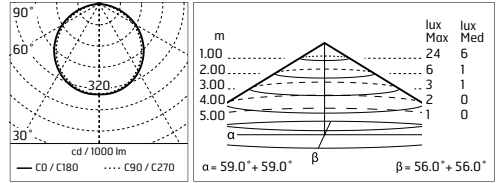
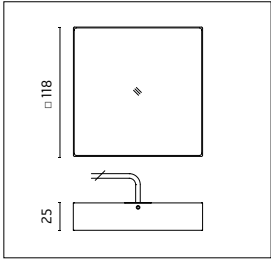
Light Source: Low Power LED / 2,5W / Total power 3W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



506005
White 2700K
lm LED 147 ≠ lm OUTPUT 50
..||| Acc. 144, 176 or 252

506003
White 3000K
lm LED 158 ≠ lm OUTPUT 54
..||| Acc. 144, 176 or 252

506002
White 4000K
lm LED 225 ≠ lm OUTPUT 74
..||| Acc. 144, 176 or 252

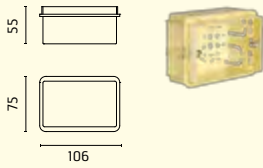


@ 4000K

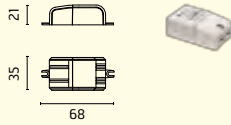
IP65

Accessories: Beta

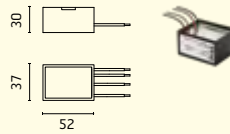
105
3 MODULES RECESSED BOX
106 x 75 H 55mm



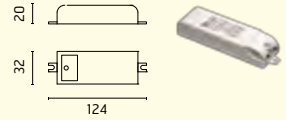
150
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP20 CLASS II SELV EQ.



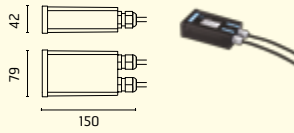
106
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP65 CLASS II SELV EQ.



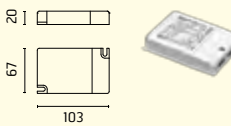
87
POWER SUPPLY 10W/110÷240V -
24Vdc IP20 CLASS II SELV.



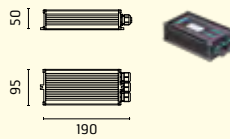
175
POWER SUPPLY 10W/110÷240V -
24Vdc IP67 CLASS II SELV.



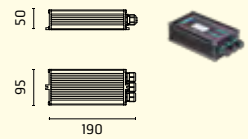
144
POWER SUPPLY 17W/110÷240V
- 24Vdc (15W@110V) IP20 CLASS
II SELV.



176
POWER SUPPLY 17W/110÷240V
- 24Vdc (15W@110V) IP67 CLASS
II SELV.



252
POWER SUPPLY 20W/110-240Vdc
(15W@110V) IP67 CLASS II SELV.

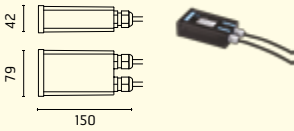


DIMMABLE: PUSH-DIM OR 1-10V
See Page 510 Wiring Diagram n.4

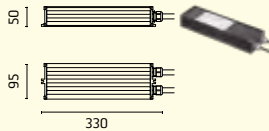
DIMMABLE: PUSH-DIM OR 1-10V
See Page 510 Wiring Diagram n.4

DIMMABLE: DALI
See Page 510 Wiring Diagram n.4

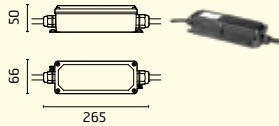
147
POWER SUPPLY 20W/220÷240V -
24Vdc IP67 CLASS II SELV.



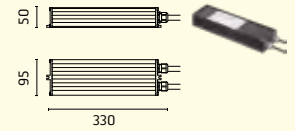
155
POWER SUPPLY 50W/120÷240V -
24Vdc IP67 CLASS II SELV.



110
POWER SUPPLY 70W/220÷240V -
24Vdc IP67 CLASS II SELV EQ.

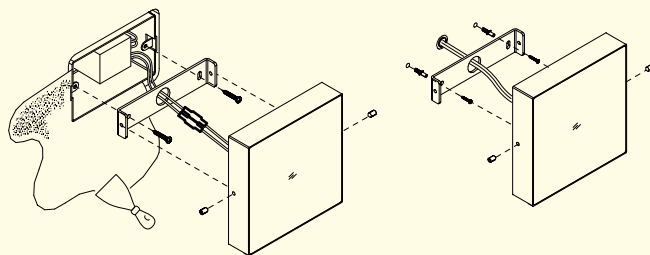


156
POWER SUPPLY 96W /120÷277V -
24Vdc IP67 CLASS II SELV.



Beta with box cod.105

Beta without box cod.105



Optional: power supply code 106 in
recessed box

acc. code ▶	105	150	106	87	175	144	176	252	147	155	110	156
prod. code ▼												
506002	•	2	2	3	3	5	5	5	6	15	20	28
506003	•	2	2	3	3	5	5	5	6	15	20	28
506005	•	2	2	3	3	5	5	5	6	15	20	28

Max fixtures for each power supply (Vin 220÷240). Data in the chart are provided as a guide only. Please verify according to your installation.



GAMMA

- Square luminaire for installation on wall – surface mounted.
- Configuration: turned aluminium body (EN AW6060 alloy) and AISI 316L stainless steel fixing bracket. Methacrylate diffuser fixed to the body by a double-sided tape.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: III
- Installation: the luminaire is supplied with a piece of cable (approx. 250mm) for an easy-to-make connection and it is protected against polarity reversal and sudden voltage peak. Parallel wiring required.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating.
Damages on the coating exposed to outdoor conditions or water, could cause corrosion.
Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:
Class A/A+/A++
Luminaire supplied with integrated LED modules that cannot be replaced



.1 White



.6 Grey



.3 Anthracite



.4 Black



.18 Deep Brown



Wall fitting



Recessed wall fitting.



Remote device required.



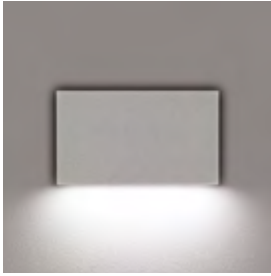
Pre-wired with approx 250mm of cable



Protection against impact.
IK 03 - 0,35 joule

Gamma - Unidirectional

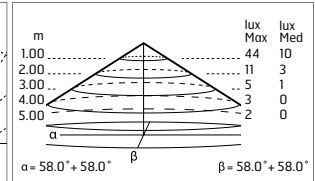
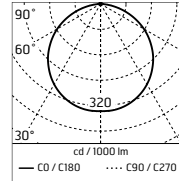
Light Source: Mid Power LED / 1,8W / Total power 2,5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



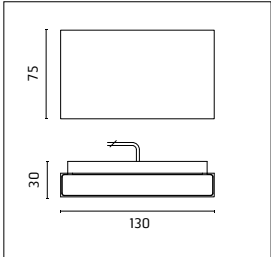
512005.A
White 2700K
lm LED 246 ≠ lm OUTPUT 125
..||| Acc. 144, 176 or 252

512003.A
White 3000K
lm LED 265 ≠ lm OUTPUT 134
..||| Acc. 144, 176 or 252

512002.A
White 4000K
lm LED 278 ≠ lm OUTPUT 142
..||| Acc. 144, 176 or 252



@ 4000K



IP65

Gamma - Bidirectional

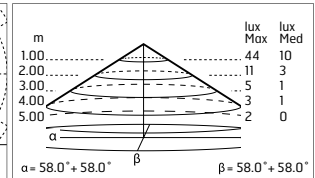
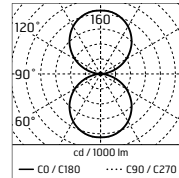
Light Source: Mid Power LED / 3,6W / Total power 5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



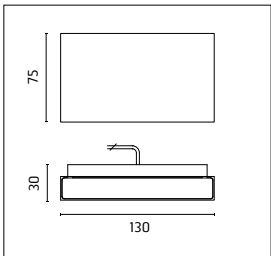
512015.A
White 2700K
lm LED 2x246 ≠ lm OUTPUT 2x125
..||| Acc. 144, 176 or 252

512013.A
White 3000K
lm LED 2x265 ≠ lm OUTPUT 2x134
..||| Acc. 144, 176 or 252

512012.A
White 4000K
lm LED 2x278 ≠ lm OUTPUT 2x142
..||| Acc. 144, 176 or 252



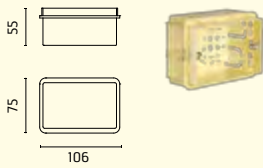
@ 4000K



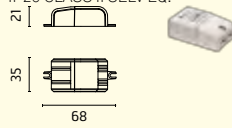
IP65

Accessories: Gamma

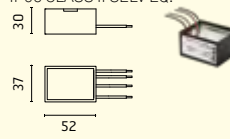
105
3 MODULES RECESSED BOX
106 x 75 H 55mm



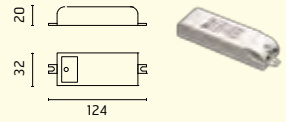
150
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP20 CLASS II SELV EQ.



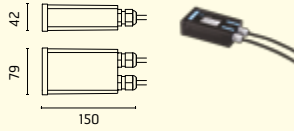
106
POWER SUPPLY DUAL FUNCTION
Vout 24Vdc: 8W/100÷240V
Iout 350mA: 6x1W/100÷240V
IP65 CLASS II SELV EQ.



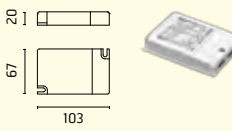
87
POWER SUPPLY 10W/110÷240V -
24Vdc IP20 CLASS II SELV.



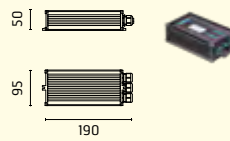
175
POWER SUPPLY 10W/110÷240V -
24Vdc IP67 CLASS II SELV.



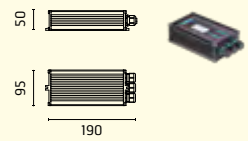
144
POWER SUPPLY 17W/110÷240V -
24Vdc (15W@110V) IP20 CLASS II
SELV.



176
POWER SUPPLY 17W/110÷240V
- 24Vdc (15W@110V) IP67 CLASS
II SELV.



252
POWER SUPPLY 20W/110÷240Vdc
(15W@110V) IP67 CLASS II SELV.

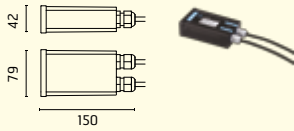


... DIMMABLE: PUSH-DIM OR 1-10V
See Page 510 Wiring Diagram n.4

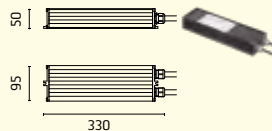
... DIMMABLE: PUSH-DIM OR 1-10V
See Page 510 Wiring Diagram n.4

... DIMMABLE: DALI
See Page 510 Wiring Diagram n.4

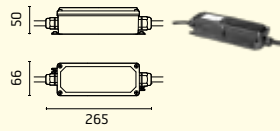
147
POWER SUPPLY 20W/220÷240V -
24Vdc IP67 CLASS II SELV.



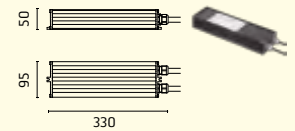
155
POWER SUPPLY 50W/120÷240V -
24Vdc IP67 CLASS II SELV.



110
POWER SUPPLY 70W/220÷240V -
24Vdc IP67 CLASS II SELV EQ.

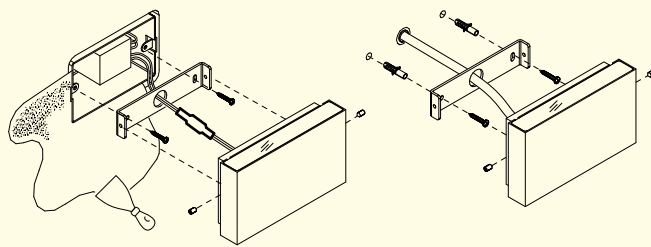


156
POWER SUPPLY 96W /120÷277V -
24Vdc IP67 CLASS II SELV.



Gamma with box cod.105

Gamma without box cod.105



Optional: power supply code 106 in
recessed box

acc. code ▶	105	150	106	87	175	144	176	252	147	155	110	156
prod. code ▼												
512002.A	•	3	3	4	4	6	6	6	8	20	25	35
512003.A	•	3	3	4	4	6	6	6	8	20	25	35
512005.A	•	3	3	4	4	6	6	6	8	20	25	35
512012.A	•	1	1	2	2	3	3	3	4	10	13	17
512013.A	•	1	1	2	2	3	3	3	4	10	13	17
512015.A	•	1	1	2	2	3	3	3	4	10	13	17

Max fixtures for each power supply (Vin 220÷240). Data in the chart are provided as a guide only. Please verify according to your installation.



- Luminaire for installation on wall – surface mounted.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content) and AISI 304 stainless steel fixing plate. Glass diffuser: transparent with silkscreen border, fixed to the aluminium structure through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: II
- Installation: wiring through two rubber cable glands (5mm\times9mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:
Class A/A+/A++
Luminaire supplied
with integrated LED modules
that cannot be replaced



.1 White



.6 Grey



.3 Anthracite



.4 Black



.18 Deep Brown



Wall fitting



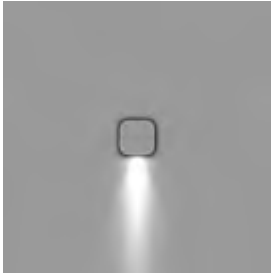
The fitting is
equipped with
2 cable input



Protection against
impact.
IK 02 - 0,20 joule

Marco - Unidirectional - 10°

Light Source: Power LED / 1,1W / Total power 3W / CRI>80 / 100±240V / Integral electronic power supply

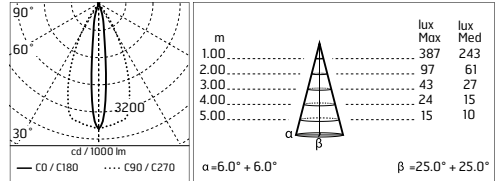


10727643
White 2700K
lm LED 112 ≈ lm OUTPUT 89

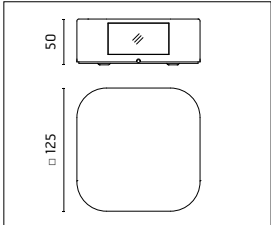


10711643
White 3000K
lm LED 120 ≈ lm OUTPUT 96

10723043
White 4000K
lm LED 130 ≈ lm OUTPUT 104



@ 4000K



IP65

Marco - Unidirectional - 75°

Light Source: Power LED / 1,1W / Total power 3W / CRI>80 / 100±240V / Integral electronic power supply

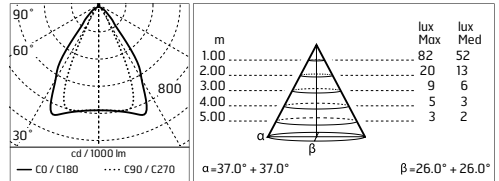


10727650
White 2700K
lm LED 112 ≈ lm OUTPUT 90

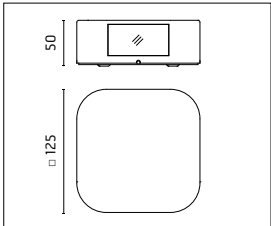


10711650
White 3000K
lm LED 120 ≈ lm OUTPUT 97

10723050
White 4000K
lm LED 130 ≈ lm OUTPUT 105



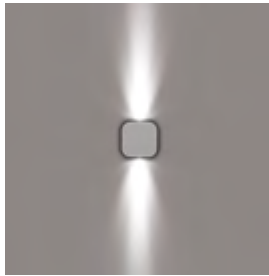
@ 4000K



IP65

Marco - Bidirectional - 10°

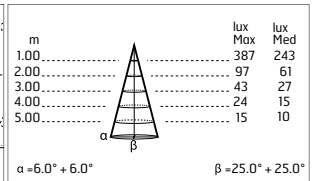
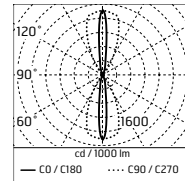
Light Source: Power LED / 2,2W / Total power 4W / CRI>80 / 100÷240V / Integral electronic power supply



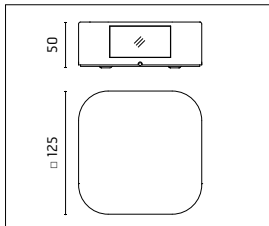
10727944
White 2700K
lm LED 2x112 ≠ lm OUTPUT 2x89

10711944
White 3000K
lm LED 2x120 ≠ lm OUTPUT 2x96

10723144
White 4000K
lm LED 2x130 ≠ lm OUTPUT 2x104



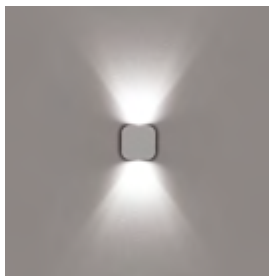
@ 4000K



IP65

Marco - Bidirectional - 75°

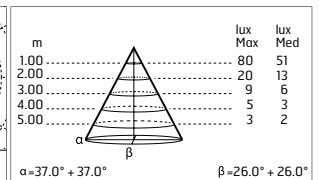
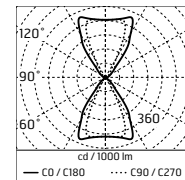
Light Source: Power LED / 2,2W / Total power 4W / CRI>80 / 100÷240V / Integral electronic power supply



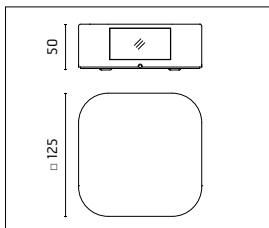
10727951
White 2700K
lm LED 2x112 ≠ lm OUTPUT 2x90

10711951
White 3000K
lm LED 2x120 ≠ lm OUTPUT 2x97

10723151
White 4000K
lm LED 2x130 ≠ lm OUTPUT 2x105



@ 4000K



IP65

Marco - Bidirectional - Combined: 10° + 75°

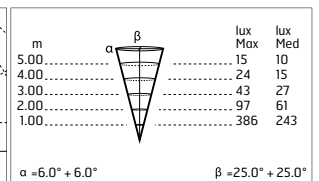
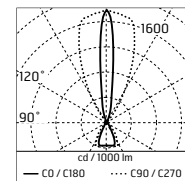
Light Source: Power LED / 2,2W / Total power 4W / CRI>80 / 100÷240V / Integral electronic power supply



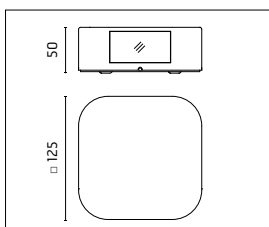
10727253
White 2700K
lm LED 2x112 ≠ lm OUTPUT 2x89+90

10712253
White 3000K
lm LED 2x120 ≠ lm OUTPUT 96+97

10723153
White 4000K
lm LED 2x130 ≠ lm OUTPUT 104+105



@ 4000K



IP65

Marco - Omnidirectional - 10°

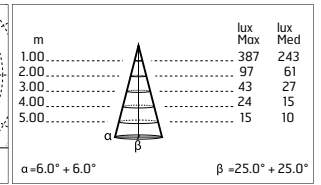
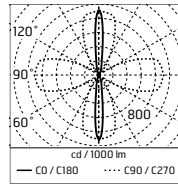
Light Source: Power LED / 4,4W / Total power 7W / CRI>80 / 100÷240V / Integral electronic power supply



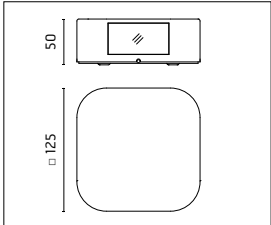
10727247
White 2700K
lm LED 4x112 ≠ lm OUTPUT 4x89

1079245
White 3000K
lm LED 4x120 ≠ lm OUTPUT 4x96

10723245
White 4000K
lm LED 4x130 ≠ lm OUTPUT 4x104



@ 4000K



IP65

Marco - Omnidirectional - 75°

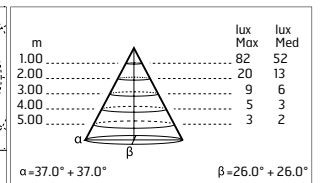
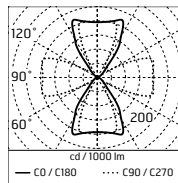
Light Source: Power LED / 4,4W / Total power 7W / CRI>80 / 100÷240V / Integral electronic power supply



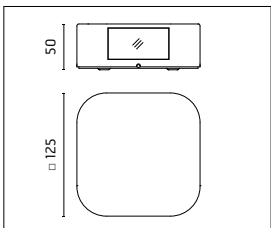
10727249
White 2700K
lm LED 4x112 ≠ lm OUTPUT 4x90

1079252
White 3000K
lm LED 4x120 ≠ lm OUTPUT 4x97

10723252
White 4000K
lm LED 4x130 ≠ lm OUTPUT 4x105

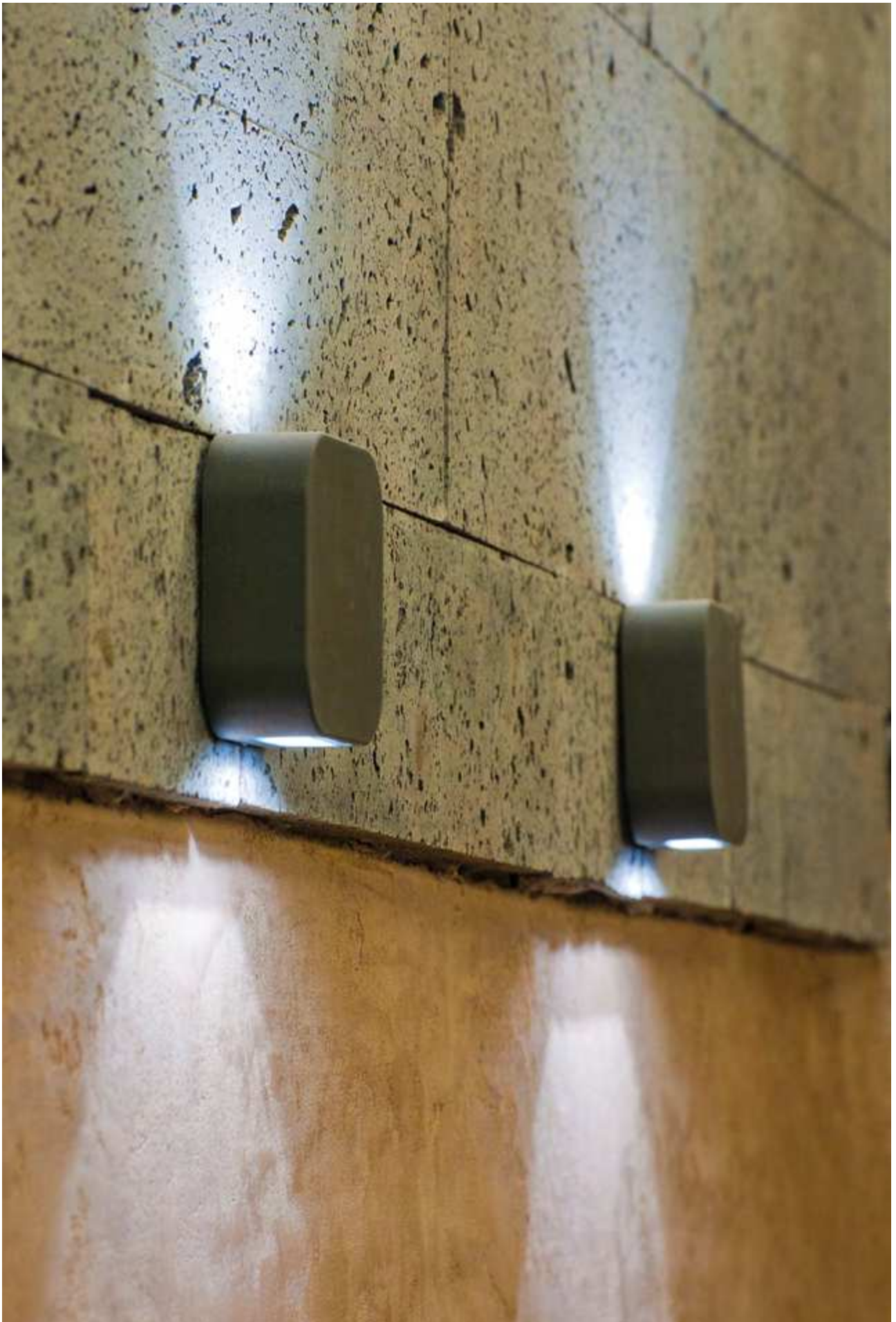


@ 4000K



IP65

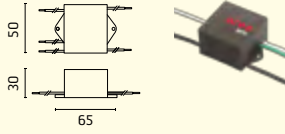




Accessories: Marco

237

SPD: (SURGE PROTECTION DEVICE)
 275Vac
 MAXIMUM DISCHARGE CURRENT
 10KA (8/20µs)
 MAXIMUM OPERATING CURRENT 5A
 SUITABLE FOR SERIES CONNEC-
 TION - IP66







acc. code ▶	237
prod. code ▼	
1079245	•
1079252	•
10711643	•
10711650	•
10711944	•
10711951	•
10712253	•
10723043	•
10723050	•
10723144	•
10723151	•
10723153	•
10723245	•
10723252	•
10727247	•
10727249	•
10727253	•
10727643	•
10727650	•
10727944	•
10727951	•






- Luminaire for installation on wall – surface mounted.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Glass diffuser: transparent.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP54
- In compliance with EN 60598-1 standards
- Class of insulation: mains: I
- Installation: wiring through a rubber cable holder (5mm\varnothing<math><10\text{mm}</math> cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

  	<p>LED VERSION: Class A/A+/A++ Luminaire supplied with integrated LED modules that cannot be replaced</p>
	<p>HALOGEN VERSION: Class D QPARCBC51/GZ10</p>

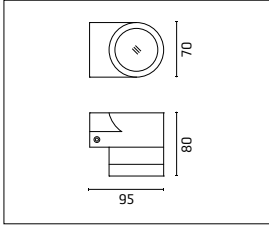
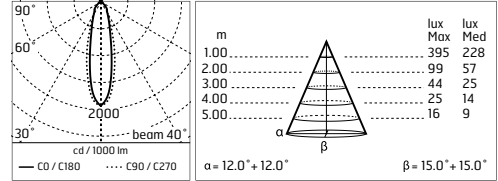


 <p>Wall fitting</p>	 <p>The fitting is equipped with 1 cable input</p>
	 <p>Protection against impact. IK 08 - 5,00 joule</p>

Jackie - Transparent Glass



842800
 PAR 16 35W/230V GZ10
 Lamp max size: Ø50 mm H.55 mm
 Optional LED bulb
 DR PAR 7,5W/230V GZ10
 Lamp max size: Ø50 mm H.55 mm



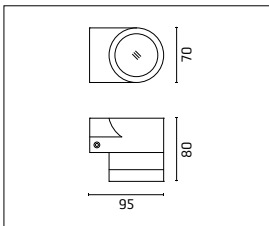
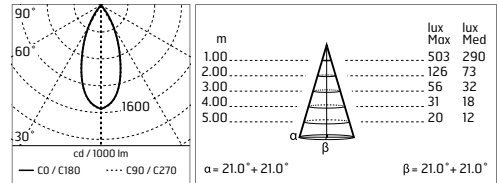
IP54

Jackie - Transparent Glass - 40° - Direct 230V

Light Source: CoB LED / 5W / Total power 6W / CRI>80 / 220÷230V / LED module set up to work directly connected to the mains



8412801
 White 3000K
 lm LED 688 \approx lm OUTPUT 327

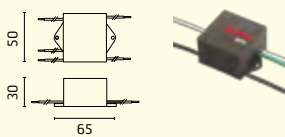


IP54

Accessories: Jackie

237

SPD: (SURGE PROTECTION DEVICE)
275Vac
MAXIMUM DISCHARGE CURRENT
10KA (8/20 μ s)
MAXIMUM OPERATING CURRENT 5A
SUITABLE FOR SERIES CONNEC-
TION - IP66













acc. code ▶	237
prod. code ▼	
842800	
8412801	•



- Luminaire for installation on wall – surface mounted.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Glass diffuser: sandblasted.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: wiring through M16 plastic cable gland (4,5mm\times10mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

	LED VERSION: Class A/A+/A++ Luminaire supplied with integrated LED modules that cannot be replaced
	
	
	METAL HALIDE VERSION: Class A+ HIT-DE/RX7s
	
	FLUORESCENT VERSION: Class A TC-DEL/G24q-2
	
	FLUORESCENT VERSION: Class A/B TC-D/G24d-3
	
	HALOGEN VERSION: Class D QT32/E27



Wall fitting



The fitting is equipped with 1 cable input

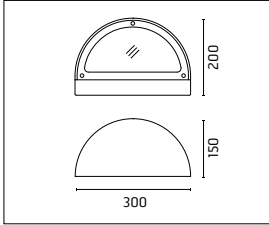


Protection against impact.
IK 07 - 2,00 joule

Memi - Sandblasted Glass



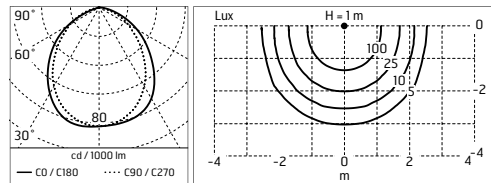
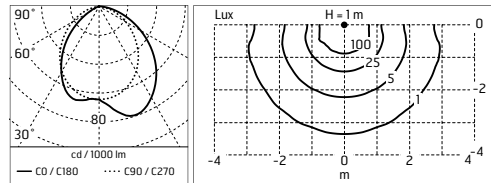
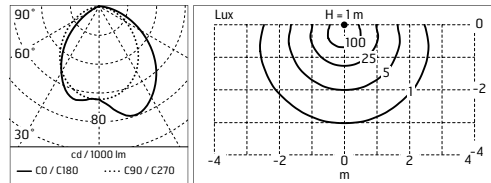
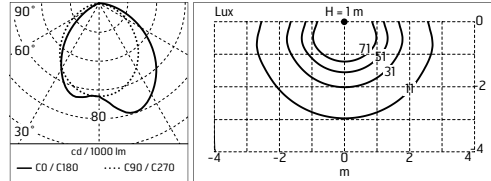
490100
 QT 32 100W E27
 Lamp max size: Ø40 mm H.150 mm



496000
 TC-DEL 2x18W G24 q-2
 Electronic ballast

491600
 TC-D 2x26W G24 d-3
 Electronic ballast

492900
 HIT-DE 70W Rx7s
 Electronic ballast



IP65

Memi - Sandblasted Glass

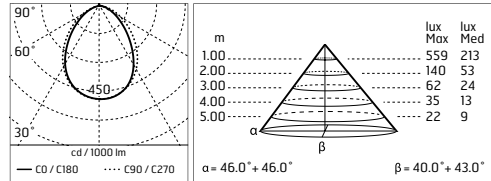
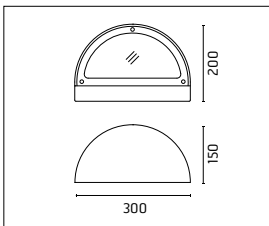
Light Source: Mid-Power LED / 15W / Total power 18W / CRI>80 / 220÷240V / Integral electronic power supply



4927900
 White 2700K
 lm LED 2146 ≠ lm OUTPUT 1018

4927800
 White 3000K
 lm LED 2307 ≠ lm OUTPUT 1095

4927700
 White 4000K
 lm LED 2422 ≠ lm OUTPUT 1150



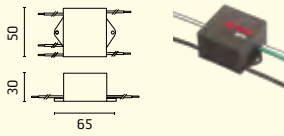
@ 4000K

IP65

Accessories: Memi

237

SPD: (SURGE PROTECTION DEVICE)
 275Vac
 MAXIMUM DISCHARGE CURRENT
 10KA (8/20µs)
 MAXIMUM OPERATING CURRENT 5A
 SUITABLE FOR SERIES CONNEC-
 TION - IP66













acc. code ▶	237
prod. code ▼	
490100	
491600	
492900	
496000	
4927700	•
4927800	•
4927900	•

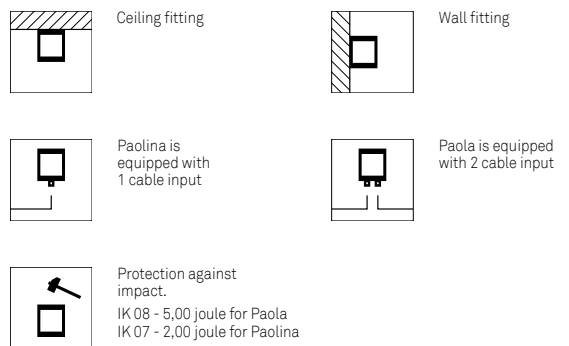


PAOLA

- Luminaire for installation on wall or on ceiling – surface mounted.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Glass diffuser: transparent or sandblasted, fixed to the aluminium frame through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: Paolina: wiring through a PG9 nickel-plated brass cable gland (3,5mm\times8mm cables); Paola: wiring through two M16 plastic cable glands (4,5mm\times10mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

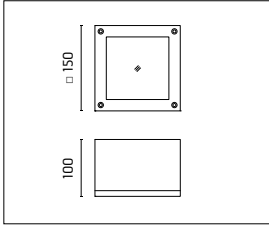
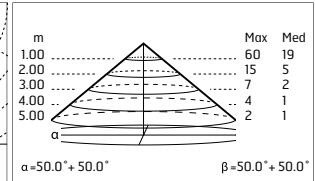
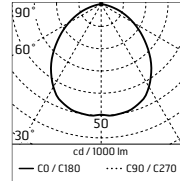
	LED VERSION: Class A/A+/A++ Luminaire supplied with integrated LED modules that cannot be replaced
	
	
	FLUORESCENT VERSION: Class A TC-TEL/GX24q-2
	
	FLUORESCENT VERSION: Class A TC-D/G24d-3
	
	HALOGEN VERSION: Class C/D QT-DE12/R7s
	
	HALOGEN VERSION: Class D QT32/E27 QT-DE12/R7s



Paolina - All-light - Sandblasted Glass



898523
TC-TEL 18W GX24q-2
Electronic ballast



IP65

Paolina - Transparent Glass - Symmetric Optic - 10°

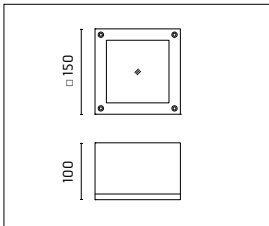
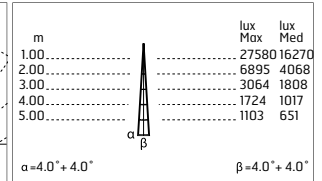
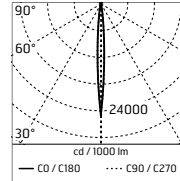
Light Source: Power LED / 9,9W / Total power 12W / CRI>80 / 220÷240V / Integral electronic power supply



8927012
White 2700K
lm LED 896 \approx lm OUTPUT 789

8911012
White 3000K
lm LED 963 \approx lm OUTPUT 848

8922812
White 4000K
lm LED 1026 \approx lm OUTPUT 939



IP65

Paolina - Transparent Glass - Symmetric Optic - 40°

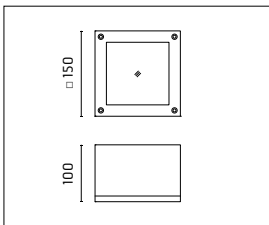
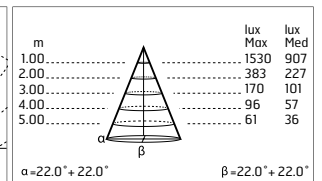
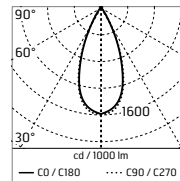
Light Source: Power LED / 9,9W / Total power 12W / CRI>80 / 220÷240V / Integral electronic power supply



8927023
White 2700K
lm LED 896 \approx lm OUTPUT 690

8911023
White 3000K
lm LED 963 \approx lm OUTPUT 742

8922823
White 4000K
lm LED 1026 \approx lm OUTPUT 820



IP65

Paolina - Transparent Glass - Symmetric Optic

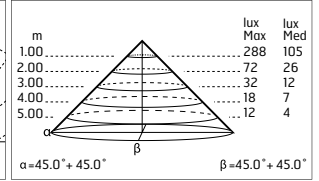
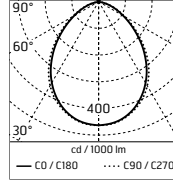
Light Source: Power LED / 9,9W / Total power 12W / CRI>80 / 220÷240V / Integral electronic power supply



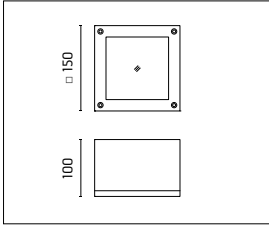
8927057
White 2700K
lm LED 896 ≠ lm OUTPUT 446

8911057
White 3000K
lm LED 963 ≠ lm OUTPUT 480

8922857
White 4000K
lm LED 1026 ≠ lm OUTPUT 531



@ 4000K

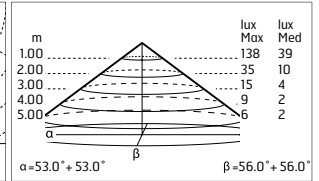
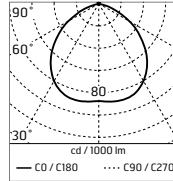


IP65

Paola - All-light - Sandblasted Glass - Symmetric Optic



890200
QT 32 2x60W E27
Lamp max size: Ø40 mm H.125 mm



IP65

Paola - Transparent Glass - Symmetric Optic - 10°

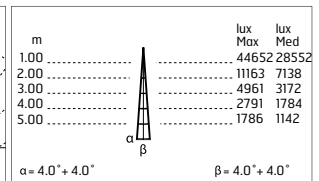
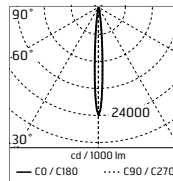
Light Source: Power LED / 17,6W / Total power 20W / CRI>80 / 220÷240V / Integral electronic power supply



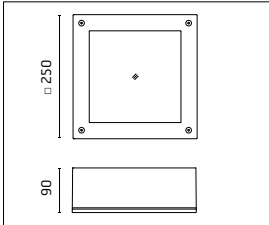
8927112.A
White 2700K
lm LED 2159 / lm OUTPUT 1795

8910112.A
White 3000K
lm LED 2239 / lm OUTPUT 1861

8922412.A
White 4000K
lm LED 2319 / lm OUTPUT 1927



@ 4000K



Dimmable on request

IP65

Paola - Transparent Glass - Symmetric Optic - 40°

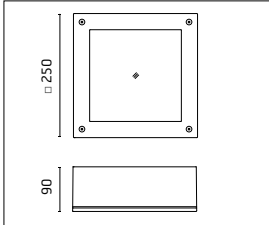
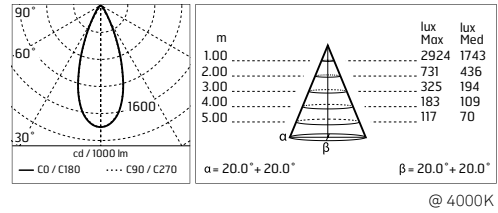
Light Source: Power LED / 17,6W / Total power 20W / CRI>80 / 220÷240V / Integral electronic power supply



8927123.A
White 2700K
lm LED 2159 / lm OUTPUT 1709

8910123.A
White 3000K
lm LED 2239 / lm OUTPUT 1773

8922423.A
White 4000K
lm LED 2319 / lm OUTPUT 1836



Dimmable on request

IP65

Paola - Sandblasted Glass - Symmetric Optic

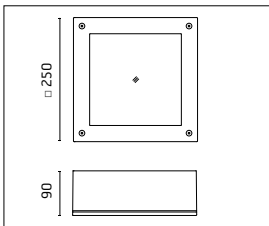
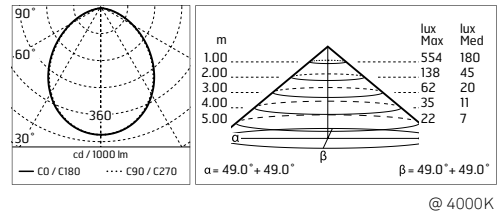
Light Source: Power LED / 17,6W / Total power 20W / CRI>80 / 220÷240V / Integral electronic power supply



8927157.A
White 2700K
lm LED 2159 / lm OUTPUT 1468

8910157.A
White 3000K
lm LED 2239 / lm OUTPUT 1522

8922457.A
White 4000K
lm LED 2319 / lm OUTPUT 1577



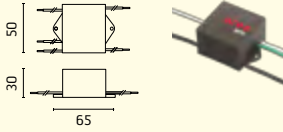
Dimmable on request

IP65

Accessories: Paola

237

SPD: (SURGE PROTECTION DEVICE)
 275Vac
 MAXIMUM DISCHARGE CURRENT
 10KA (8/20µs)
 MAXIMUM OPERATING CURRENT 5A
 SUITABLE FOR SERIES CONNEC-
 TION - IP66



acc. code ▶	237
prod. code ▼	
890200	
898523	
8910112.A	•
8910123.A	•
8910157.A	•
8911012	•
8911023	•
8911057	•
8922412.A	•
8922423.A	•
8922457.A	•
8922812	•
8922823	•
8922857	•
8927012	•
8927023	•
8927057	•
8927112.A	•
8927123.A	•
8927157.A	•



- Cylindrical luminaire for installation on ceiling – surface mounted.
- Configuration: extruded aluminium structure with die-cast aluminium fixing base and frame EN AB-47100 alloy (low copper content). Glass diffuser: transparent or textured with silkscreen border, fixed to the aluminium body through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I, Ø60:II
- Installation: Ø60mm is equipped with one cable holder (5mm<Ø<9mm cables); H170-300mm: wiring through two rubber cable holders (5mm<Ø<9mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating.
Damages on the coating exposed to outdoor conditions or water, could cause corrosion.
Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes



LED VERSION:
Class A/A+/A++
Luminaire supplied with integrated LED modules that cannot be replaced



Ceiling fitting



Yama H 170-300mm: equipped with 2 cable input



Yama Ø60mm: The fitting is equipped with 1 cable input



Protection against impact.
IK 05 - 0,70 joule*
IK 07 - 2,00 joule**
*(version ø 60/ ø 110 mm)
**(version ø 150 mm)

Yama Ø 60mm - H 110mm - Textured Glass - 15°

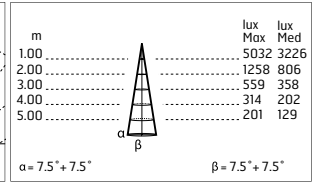
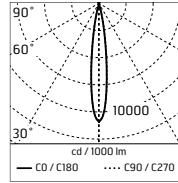
Light Source: Power LED / 4,4W / Total power 6W / CRI>80 / 220÷240V / Integral electronic power supply



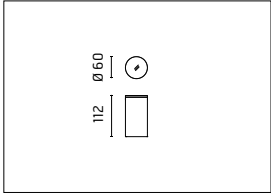
531242
White 2700K
lm LED 442 ≠ lm OUTPUT 396

531042
White 3000K
lm LED 475 ≠ lm OUTPUT 426

531041
White 4000K
lm LED 510 ≠ lm OUTPUT 458



@ 4000K



IP65

Yama Ø 60mm - H 110mm - Textured Glass - 65°

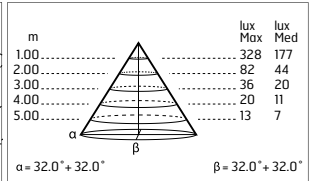
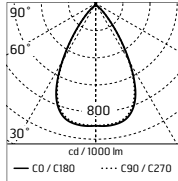
Light Source: Power LED / 4,4W / Total power 6W / CRI>80 / 220÷240V / Integral electronic power supply



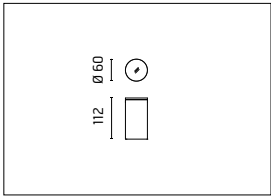
531244
White 2700K
lm LED 442 ≠ lm OUTPUT 314

531044
White 3000K
lm LED 475 ≠ lm OUTPUT 338

531043
White 4000K
lm LED 510 ≠ lm OUTPUT 363



@ 4000K



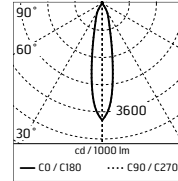
IP65

Yama Ø 110mm - H 170mm - Textured Glass - 20° - Direct 230V

Light Source: CoB LED / 10W / Total power 12W / CRI>80 / 220÷230V / LED module set up to work directly connected to the mains

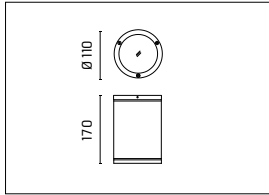


531029
White 3000K
lm LED 951 ≠ lm OUTPUT 752



m	lux	
	Max	Med
1.00	2955	1850
2.00	739	462
3.00	328	206
4.00	185	116
5.00	118	74

$\alpha = 10.0^\circ + 10.0^\circ$ $\beta = 10.0^\circ + 10.0^\circ$



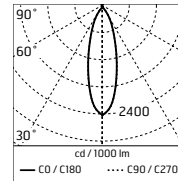
IP65

Yama Ø 110mm - H 170mm - Textured Glass - 30° - Direct 230V

Light Source: CoB LED / 10W / Total power 12W / CRI>80 / 220÷230V / LED module set up to work directly connected to the mains

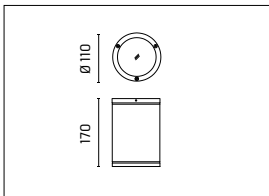


531030
White 3000K
lm LED 951 ≠ lm OUTPUT 713



m	lux	
	Max	Med
1.00	1726	1036
2.00	432	259
3.00	192	115
4.00	108	65
5.00	69	41

$\alpha = 15.0^\circ + 15.0^\circ$ $\beta = 15.0^\circ + 15.0^\circ$



IP65

Yama Ø 110mm - H 300mm - Transparent Glass - 20°

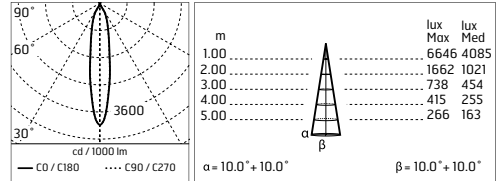
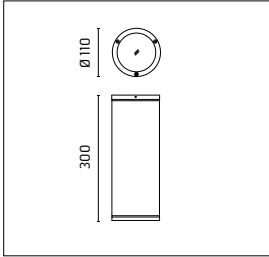
Light Source: CoB LED / 12W / Total power 15W / CRI>80 / 220÷240V / Integral electronic power supply



531212
531212-300 Dimmable Dali
531212-310 Dimmable 1-10
 White 2700K
 lm LED 1622 ≠ lm OUTPUT 1455

531012
531012-300 Dimmable Dali
531012-310 Dimmable 1-10
 White 3000K
 lm LED 1744 ≠ lm OUTPUT 1564

531011
531011-300 Dimmable Dali
531011-310 Dimmable 1-10
 White 4000K
 lm LED 1829 ≠ lm OUTPUT 1641



@ 4000K

IP65

Yama Ø 110mm - H 300mm - Transparent Glass - 40°

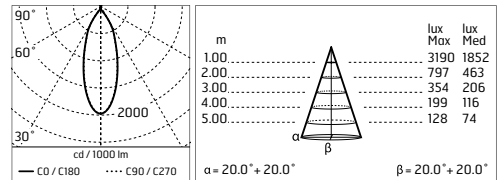
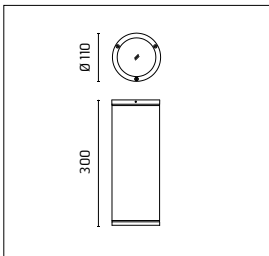
Light Source: CoB LED / 12W / Total power 15W / CRI>80 / 220÷240V / Integral electronic power supply



531209
531209-300 Dimmable Dali
531209-310 Dimmable 1-10
 White 2700K
 lm LED 1622 ≠ lm OUTPUT 1443

531009
531009-300 Dimmable Dali
531009-310 Dimmable 1-10
 White 3000K
 lm LED 1744 ≠ lm OUTPUT 1552

531008
531008-300 Dimmable Dali
531008-310 Dimmable 1-10
 White 4000K
 lm LED 1829 ≠ lm OUTPUT 1628



@ 4000K

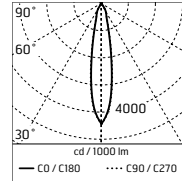
IP65

Yama Ø 150mm - H 170mm - Textured Glass -20° - Direct 230V

Light Source: CoB LED / 22W / Total power 24W / CRI>80 / 220÷230V / LED module set up to work directly connected to the mains

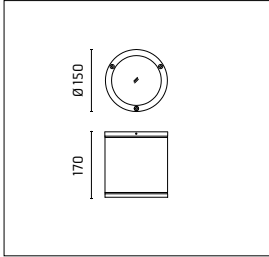


531031
White 3000K
lm LED 2303 ≈ lm OUTPUT 1659



m	lux	
	Max	Med
1.00	7460	4698
2.00	1865	1174
3.00	829	522
4.00	466	294
5.00	298	188

$\alpha = 10.0^\circ + 10.0^\circ$ $\beta = 10.0^\circ + 10.0^\circ$



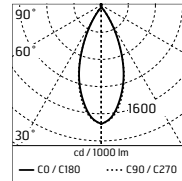
IP65

Yama Ø 150mm - H 170mm - Textured Glass -40° - Direct 230V

Light Source: CoB LED / 22W / Total power 24W / CRI>80 / 220÷230V / LED module set up to work directly connected to the mains

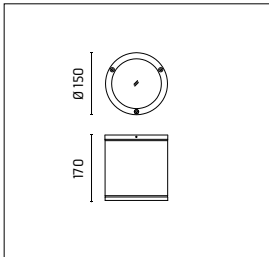


531032
White 3000K
lm LED 2303 ≈ lm OUTPUT 1610



m	lux	
	Max	Med
1.00	2808	1598
2.00	702	399
3.00	312	178
4.00	176	100
5.00	112	64

$\alpha = 20.0^\circ + 20.0^\circ$ $\beta = 20.0^\circ + 20.0^\circ$



IP65

Yama Ø 150mm - H 300mm - Transparent Glass - 20°

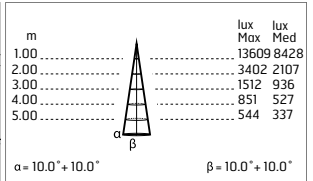
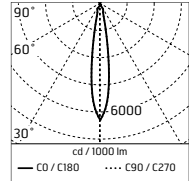
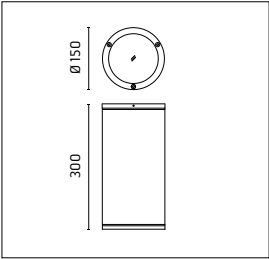
Light Source: CoB LED / 17W / Total power 20W / CRI>80 / 220÷240V / Integral electronic power supply



531224
531224-300 Dimmable Dali
531224-310 Dimmable 1-10
 White 2700K
 lm LED 2387 ≠ lm OUTPUT 1907

531024
531024-300 Dimmable Dali
531024-310 Dimmable 1-10
 White 3000K
 lm LED 2567 ≠ lm OUTPUT 2050

531025
531025-300 Dimmable Dali
531025-310 Dimmable 1-10
 White 4000K
 lm LED 2632 ≠ lm OUTPUT 2102



@ 4000K

IP65

Yama Ø 150mm - H 300mm - Transparent Glass - 40°

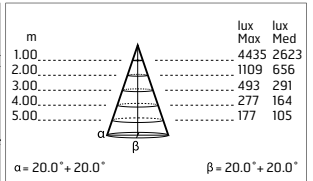
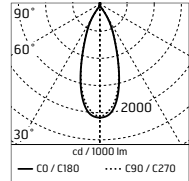
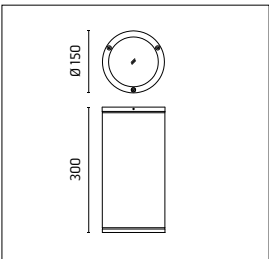
Light Source: CoB LED / 17W / Total power 20W / CRI>80 / 220÷240V / Integral electronic power supply



531221
531221-300 Dimmable Dali
531221-310 Dimmable 1-10
 White 2700K
 lm LED 2387 ≠ lm OUTPUT 1923

531021
531021-300 Dimmable Dali
531021-310 Dimmable 1-10
 White 3000K
 lm LED 2567 ≠ lm OUTPUT 2068

531020
531020-300 Dimmable Dali
531020-310 Dimmable 1-10
 White 4000K
 lm LED 2632 ≠ lm OUTPUT 2121



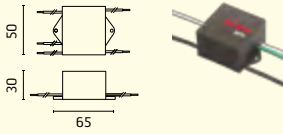
@ 4000K

IP65

Accessories: Yama

237

SPD: (SURGE PROTECTION DEVICE)
 275Vac
 MAXIMUM DISCHARGE CURRENT
 10KA (8/20µs)
 MAXIMUM OPERATING CURRENT 5A
 SUITABLE FOR SERIES CONNEC-
 TION - IP66



acc. code ▶	dimmi DALI	dimmi 1-10	237
prod. code ▼			
531008	-300	-310	•
531009	-300	-310	•
531011	-300	-310	•
531012	-300	-310	•
531020	-300	-310	•
531021	-300	-310	•
531024	-300	-310	•
531025	-300	-310	•
531029			•
531030			•
531031			•
531032			•
531041			•
531042			•
531043			•
531044			•
531209	-300	-310	•
531212	-300	-310	•
531221	-300	-310	•
531224	-300	-310	•
531242			•
531244			•

IP DEGREE OF PROTECTION AND CLASS OF INSULATION

First Digit IP - Protection Against Solid Bodies

- 0 Non protected.
 - 1 A large surface of the body, such as a hand (but no protection against deliberate access). Solid objects exceeding 50mm in diameter.
 - 2 Finger or similar objects not exceeding 80 mm in length. Solid objects exceeding 12 mm in diameter.
 - 3 Tools, wires, etc. of diameter thickness greater than 2,5mm. Solid objects exceeding 2,5mm in diameter.
 - 4 Wires or strips of thickness greater than 1,0 mm. Solid objects exceeding 1,0 mm diameter.
 - 5 Ingress of dust is not totally prevented but dust does not enter in sufficient quantity to interfere with satisfactory operation of the equipment.
 - 6 No ingress of dust.
-

Second Digit IP - Protection Against Water

- 0 Non protected.
 - 1 Dripping water (vertically falling drops) shall have no harmful effect.
 - 2 Vertically dripping water shall have no harmful effect when the enclosure is tilted at any angle up to 15° from its normal position.
 - 3 Water falling as a spray at an angle up to 60° from the vertical shall have no harmful effect.
 - 4 Water splashed against the enclosure from any direction shall have no harmful effect.
 - 5 Water projected by a nozzle against the enclosure from any direction shall have no harmful effect.
 - 6 Water from heavy seas or water projected in powerful jets shall not enter the enclosure in harmful quantities.
 - 7 Ingress of water in a harmful quantity shall not be possible when the enclosure is immersed in water under defined conditions of pressure and time.
 - 8 The equipment is suitable for continuous submersion in water under conditions which shall be specified by the manufacturer
-



Class I
Light fixture with earth connector
or terminal



Class II
Light fixture with double insulation or
reinforced insulation



Class III
Protection is assured by the presence
of a safety extra low voltage (SELV) not
exceeding 50V



F mark
Suitable for installation on normally
flammable surface



CE Mark
Compliance with all applicable
EC directives



Dimmable

SYMBOLS



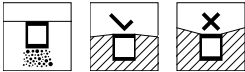
Static load: Resistance to static load.
In compliance with CEI EN 60598-2-13 standards.



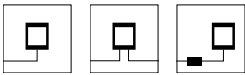
Drive over Resistance to torque and shear loads.
In compliance with CEI EN 60598-2-13 standards.



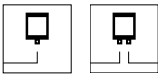
Diffuser temperature according to CEI EN 60598-2-13. Check that diffuser's temperature "T max °C" (tested at 25°C) complies with your local regulation. Glass surface temperature <70°C for LED source



Advice on installation of recessed luminaires:
It is important to provide a consistent gravel layer or drain system to ensure good drainage and to avoid water stagnation.
The luminaire must not be installed in hollow surfaces.



Electric connection:
Wiring through cable input, through two cable inputs or through a feeding transformer installed on remote position (to be ordered separately).



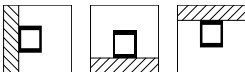
Luminaire is equipped with 1 or 2 cable input.



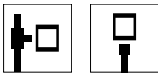
Luminaire is equipped with cable and plug.



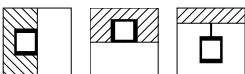
Protection against water ingress from the cable



Surface installation on wall, on ground or on ceiling.



Installation on pole.



In-ground installation (recessed luminaire)
Suspended fitting.



Glow wire test IEC 60695-2-10: the glow wire test is used to simulate the effect of heat as may arise in malfunctioning electrical equipment, such as with overloaded or allowing components (specified temperature).

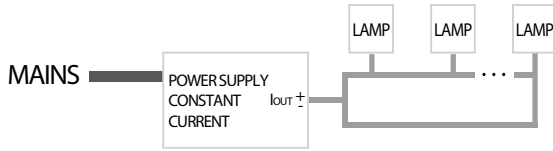


Resistance to external mechanical impacts:
IK code refers to the maximum external impact the luminaire is capable to withstand, without irreversible damage.
In compliance with EN50102 standards.

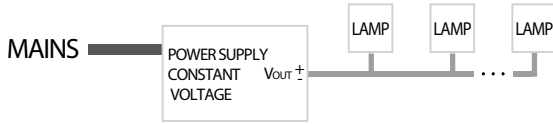
IK code	Impact Energy (Joule)	Mass/Height
IK00	0,00	-----
IK01	0,15	0,2Kg/70mm
IK02	0,20	0,2Kg/100mm
IK03	0,35	0,2Kg/175mm
IK04	0,50	0,2Kg/250mm
IK05	0,70	0,2Kg/350mm
IK06	1,00	0,5Kg/200mm
IK07	2,00	0,5Kg/400mm
IK08	5,00	1,7Kg/295mm
IK09	10,00	5,0Kg/200mm
IK10	20,00	5,0Kg/400mm

TECNICAL SCHEMES

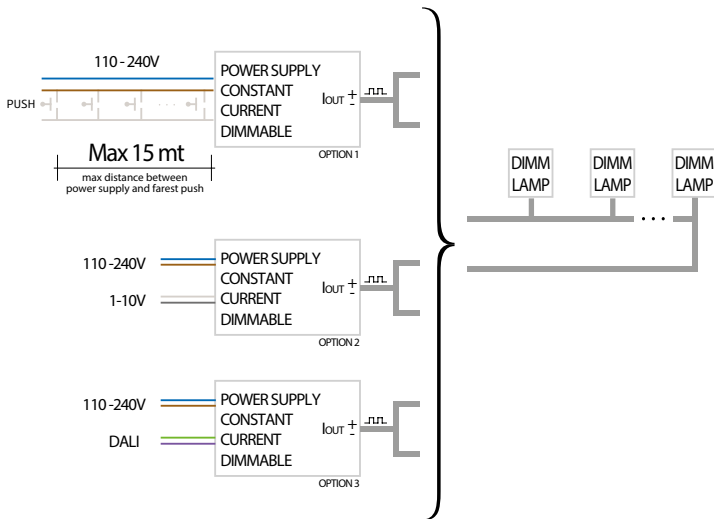
Wiring Diagram and sample series installation n.1



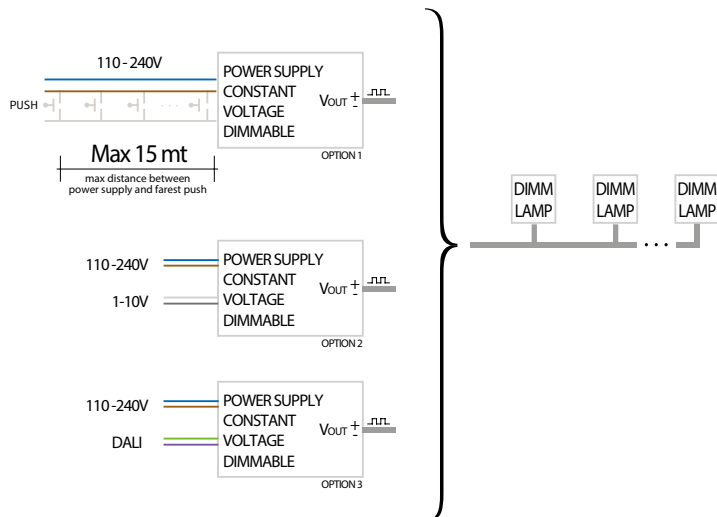
Wiring Diagram and sample parallel installation n.2



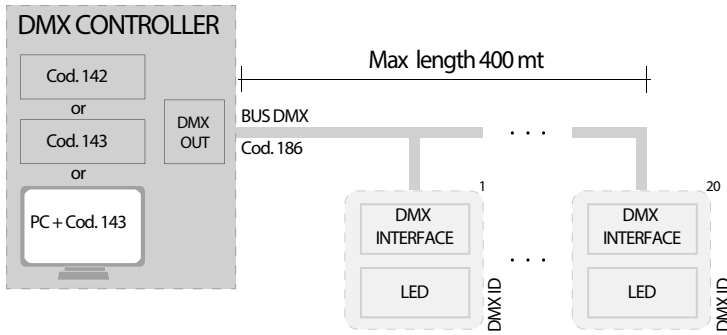
Wiring Diagram and sample dimmable series installation n.3



Wiring Diagram and sample dimmable parallel installation n.4



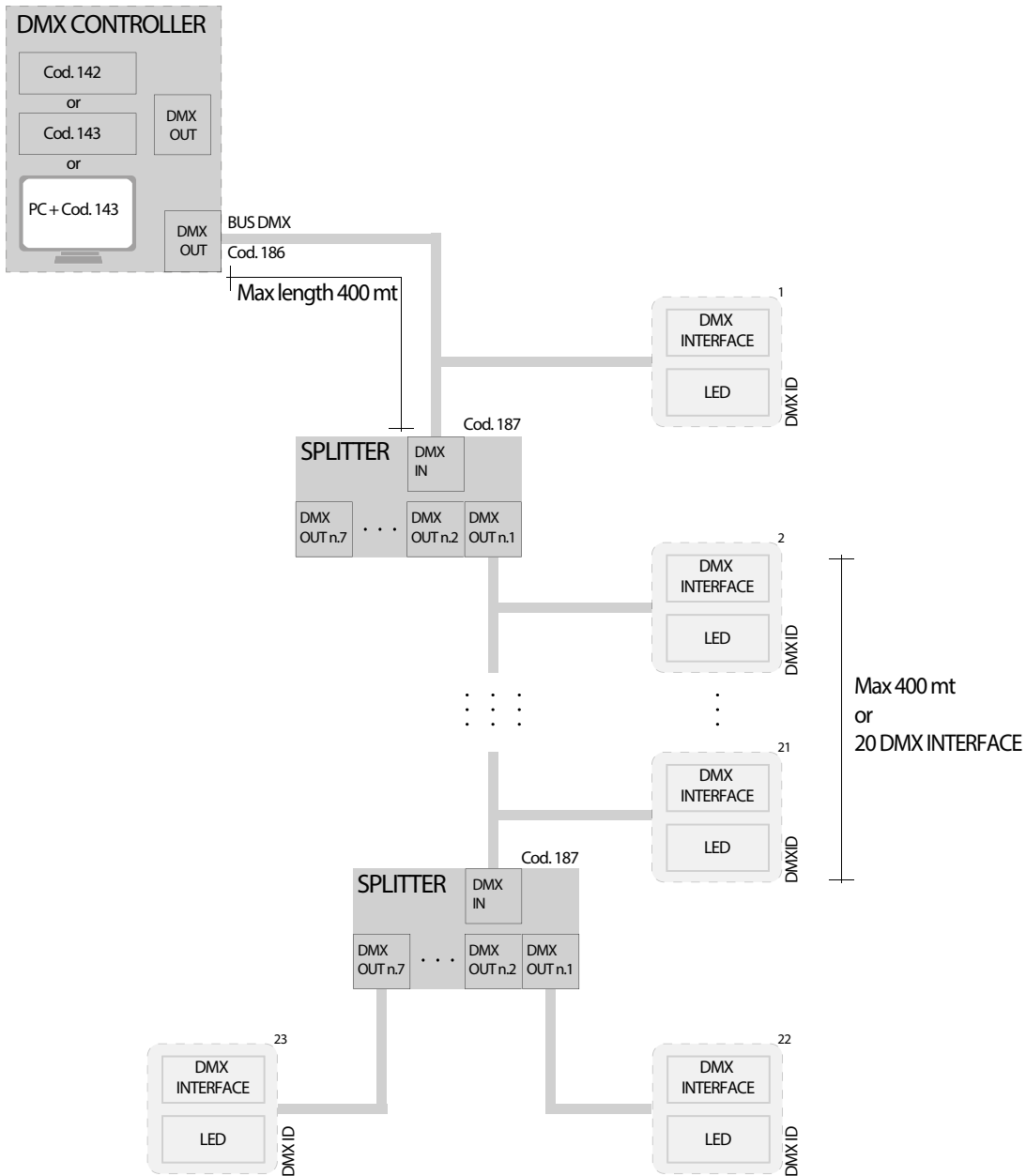
Basic DMX Wiring Scheme



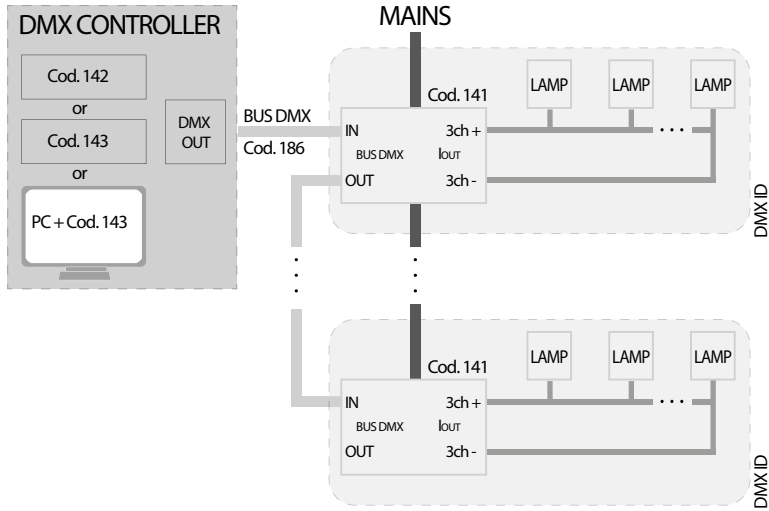
A DMX system can include an unlimited number of fixtures on condition that the following rules are respected:

- Use suitable cables for DMX bus: shielded twisted pair with 110 Ohm constant impedance (e.g. Cod.186). The use of different cables doesn't assure the same performance.
- Every 400mt of cable the DMX bus signal needs to be regenerated with a Splitter. This allows to extend the installation.
- Every 20 fixtures the DMX bus signal needs to be regenerated with a Splitter. This allows to extend the installation.
- All fixtures have to be connected in series to the DMX bus. No star connection allowed. It has to be taken into account that the use of a splitter can solve the problem having one bus input and more bus output.
- Each cable must have a 120 Ohm termination resistor.

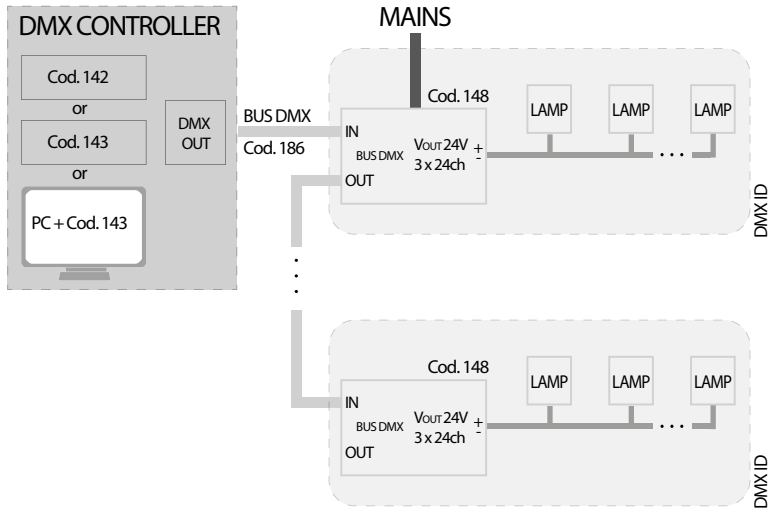
Extended DMX Wiring Pattern



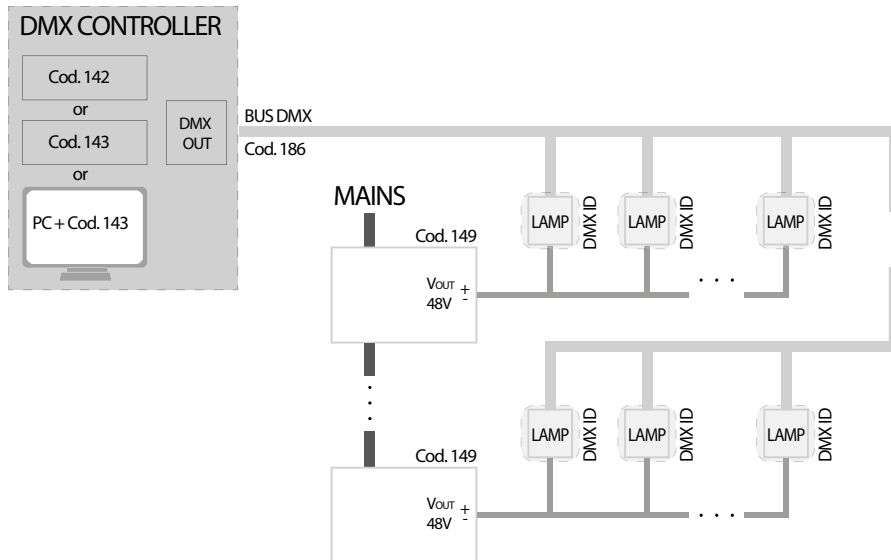
Wiring Diagram and sample installation n.5



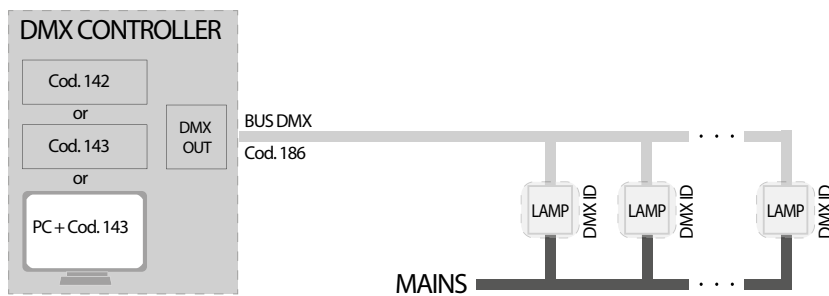
Wiring Diagram and sample installation n.6



Wiring Diagram and sample installation n.7



Wiring Diagram and sample installation n.8



ATTENTION

Wiring of LED luminaires run in constant current and connected in series (schemes 1,3 and 5): Never connect the luminaire to a switched on power supply. Always connect luminaires to the power supply, and only after connect the power supply to the mains.

Connection schemes: Luminaires in constant current must always be connected in series; luminaires in constant tension must always be connected in parallel. Always respect polarity according to the DC system.

Power Supplies must always match installation features: Never use a constant current power supply on a constant tension luminaire and vice versa.

The choice of the power supply must take into account the real power consumption of the luminaire (data shown in the catalogue) with a 20% increase to face any potential loss on the installation.

LED Luminaires and power supplies are protected against interferences on the line, it is anyway highly recommended to set dedicated feeding lines to avoid any potential sudden and severe interference (inductive loads like pumps or discharge lamps) that are likely to damage the LED module.

Prod. Codex	Page	Prod. Codex	Page	Prod. Codex	Page	Prod. Codex	Page
16	127	147	50	239	338	502007	198
17	127	148	62	243	306	502009	198
18	127	150	76	245	360	503002	193
20	127	151	62	247	363	503004	193
21	189	152	62	248	244	503006	192
26	133	153	62	249	244	503008	192
50	121	155	50	252	62	503009	193
59	157	156	62	260	217	503010	193
60	157	157	279	264	251	503011	192
68	338	158	279	266	251	503012	192
71	97	160	363	268	251	505002	468
72	97	161	283	269	50	505003	468
73	85	162	283	4140	296	505005	468
74	85	169	105	4145	296	506002	472
77	151	170	115	4150	296	506003	472
78	298	172	396	4155	296	506005	472
79	298	173	396	12815	125	507002	462
80	97	174	396	12828	125	507003	462
81	97	175	62	12856	125	507005	462
82	97	176	62	13315	125	507012	462
85	133	182	283	13328	125	507013	462
87	62	183	62	13356	125	507015	462
88	290	184	338	32815	124	507022	462
89	298	186	62	32823	124	507023	462
90	298	187	62	32856	124	507025	462
93	298	188	43	33315	124	507032	463
94	298	189	43	33323	124	507033	463
95	298	190	43	33356	124	507035	463
96	298	192	50	250113	131	507102	463
98	76	193	50	250157	131	507103	463
99	76	194	50	252815	130	507105	463
101	76	195	50	253315	130	507112	463
102	76	196	170	255612	130	507113	463
105	139	197	170	255622	130	507115	463
106	76	198	170	255628	131	507122	464
107	177	199	170	255638	131	507123	464
108	177	203	263	256713	131	507125	464
109	205	215	43	481121	426	507132	464
110	50	218	338	481122	427	507133	464
112	298	219	50	483001	426	507135	464
113	298	220	50	483002	426	508002	456
114	298	221	291	483003	427	508003	456
115	298	222	291	483004	427	508005	456
116	290	223	291	483005	426	508012	456
123	145	224	291	483006	427	508013	456
124	145	225	291	485721	426	508015	456
125	329	226	291	485722	427	508022	457
129	338	227	291	486121	428	508023	457
131	415	228	306	486122	429	508025	457
135	338	229	291	490100	492	508032	457
136	274	230	291	491600	492	508033	457
138	199	231	291	492900	492	508035	457
139	195	232	291	496000	492	509002	350
141	77	235	274	502002	198	509003	350
142	62	236	43	502003	198	509005	350
143	62	237	27	502005	198	509012	350
144	62	238	338	502006	198	509013	350

Prod. Codex	Page	Prod. Codex	Page	Prod. Codex	Page	Prod. Codex	Page
509015	350	517017	101	518063	111	524102	59
509022	350	517022	101	518072	112	524103	59
509023	350	517023	101	518073	112	524104	59
509025	350	517025	101	518082	112	524105	59
509032	351	517032	102	518083	112	524112	58
509033	351	517033	102	518085	112	524113	58
509035	351	517035	102	518086	112	524115	58
509042	351	517042	102	518092	113	524122	58
509043	351	517043	102	518093	113	524123	58
509045	351	517045	102	518095	113	524125	58
509052	351	517052	102	518096	113	524502	57
509053	351	517053	102	518102	113	524503	57
509055	351	517055	102	518103	113	524504	57
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513003	266	517063	103	518205	108	524512	56
513012	266	517065	103	518208	108	524513	56
513013	266	517072	103	518212	109	524515	56
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513039	268	517115	100	518262	111	525022	278
513047	268	517122	100	518272	112	525023	278
513048	268	517123	100	518282	112	525032	282
513050	269	517125	100	518285	112	525033	282
513051	269	517132	103	518292	113	525124	295
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517016	101	518062	111	524025	54	529055	422

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530009	119	533025	25	534053	33	536011	161
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531008	504	533027	24	534055	34	536013	161
531009	504	533028	24	534056	34	536014	161
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531021	506	533051	22	534060	36	536018	162
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531031	505	533056	21	534065	37	536023	163
531032	505	533057	22	534066	38	536024	163
531041	502	533058	22	534067	38	536025	163
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531242	502	534003	33	535012	47	536033	164
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533006	21	534027	35	535036	48	536051	167
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533008	20	534030	36	535042	46	536055	167
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533012	22	534034	36	535046	47	536059	168
533013	22	534036	37	535047	47	536060	168
533014	22	534037	37	535048	47	536061	168
533015	23	534039	37	535049	48	536062	169
533016	23	534040	37	535050	48	536063	169
533017	22	534042	37	535051	48	536064	169

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536112	161	539056	232	539166	226	545026	377
536114	161	539057	232	539168	228	545029	378
536116	161	539059	233	539170	230	545030	378
536118	162	539060	233	539172	232	545032	378
536120	162	539062	233	539174	234	545033	378
536122	162	539063	233	539176	236	545034	379
536124	163	539065	234	539178	238	545035	379
536126	163	539066	234	539180	240	545038	382
536128	163	539068	235	539182	242	545039	382
536130	164	539069	235	540002	248	545041	382
536132	164	539071	235	540003	248	545042	382
536134	164	539072	235	541002	254	545043	383
536136	165	539074	226	541003	254	545044	383
536140	165	539075	226	541005	254	545047	384
536142	166	539076	226	541006	254	545048	384
536144	166	539078	228	541007	254	545050	384
536148	166	539080	229	541008	254	545051	384
536150	167	539082	229	541009	255	545052	385
536152	167	539084	230	541010	255	545053	385
536156	167	539086	231	541011	255	545074	372
536158	168	539088	231	541012	255	545076	372
536160	168	539090	232	541013	255	545078	376
539002	236	539092	233	541014	255	545080	376
539003	236	539094	233	541023	254	545082	378
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539009	237	539102	236	541032	255	545090	384
539011	238	539104	237	541034	255	545092	384
539012	238	539106	237	541100	256	545102	372
539014	239	539108	238	541102	256	545104	376
539015	239	539110	239	542002	356	545106	378
539017	239	539112	239	542003	356	545108	382
539018	239	539114	240	542005	356	545110	384
539021	240	539116	241	542006	356	816400	154
539023	241	539118	241	542007	356	816420	154
539024	241	539120	242	542009	356	820100	154
539026	241	539122	243	544001	366	820117	148
539027	241	539124	243	544002	366	820123	148
539029	242	539130	226	544003	366	822800	155
539030	242	539132	228	544004	366	822801	155
539032	243	539134	230	544005	366	822805	155
539033	243	539136	232	544006	366	842800	488
539035	243	539138	234	544007	366	850121	220
539036	243	539140	236	544008	366	850169	221
539038	228	539142	238	544009	366	850170	221
539039	228	539144	240	545011	372	850175	220
539041	229	539146	242	545012	372	850176	220
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539050	231	539158	236	545021	376	857170	221
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930100	214	1628113	302	8927057	497	10328134	174
930121	214	1628114	302	9418613	89	10333134	174
930178	215	1628123	302	9418812	91	10410400	202
930179	215	1628124	302	9418813	91	10410600	202
930181	214	2517212	130	9428424	319	10419700	202
930182	215	2517228	131	9428514	319	10510700	334
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936788	216	4827422	429	9486131	92	10514400	332
944213	88	4827521	428	9628213	310	10514412	332
944214	88	4827522	429	9628214	311	10514420	332
944257	88	4827524	428	9628313	310	10514422	332
944813	90	4827525	429	9628314	311	10517100	332
944814	91	4927700	492	9628323	310	10517112	332
944857	90	4927800	492	9628324	311	10517200	334
945413	92	4927900	492	9715109	320	10517212	333
945414	93	7511312	80	9724713	319	10517300	332
945457	93	7511313	80	9724714	320	10517400	334
948012	91	7511413	80	9724723	319	10517412	333
948013	91	7511512	80	9724724	320	10519000	334
948313	89	7518412	80	9724813	319	10519012	333
948512	89	7518413	80	9724814	320	10525100	336
948513	89	7611312	82	9728413	319	10525112	335
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WARRANTY

ARES warrants to the Buyer the satisfactory operation of its products for the period of two years from date of Purchaser's purchase (the invoice date).

Within the warranty period any defects with ARES products as a result of faulty materials or workmanship will be rectified free of charge.

ARES reserves the right to rectify the fault by repair, exchange or replacement.

The warranty does not cover and the manufacturer will not be liable for:

- Parts and materials subject to continuous wear;
- Problems resulting from external causes such as accident, abuse, misuse, mishandling, negligence, fire, theft, vandalism, riot, explosion, natural disaster, or other external causes unrelated to product defect;
- Conditions demonstrating faulty installation, misapplication, extreme environmental conditions beyond those defined in the product specification, under/over voltage situations, lack of compliance with applicable instructions, improper or inadequate handling, shipping, maintenance, negligence, accident, or tampering;
- Incompatibility, improper design, manufacture, installation, operation or maintenance of products not supplied by Manufacturer;
- Situations in which manufacturer's control gears fixtures and or any parts are replaced with those from other manufacturers;
- The quality of the installation on Manufacturer products by the installer of those products. For example, the above warranties would not cover problems resulting from such an installer's installation methods.
- Small defects having a negligible effect in value or operation.

The warranty does not apply to any other claims (for instance additional cost incurred by the customer) unless agreed and accepted by the manufacturer in writing.

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