

Augenti®

LIGHTING DESIGN

04

Augenti®

LIGHTING DESIGN



COMPANY

CONTEMPORARY AS A STYLE



The profound changes that continuously characterise modern-day life increasingly inspire us to find a new synthesis between technology and elegance, functionality and class, evolution and tradition in our daily habits, our relations, our way of interpreting our own home and outdoor spaces. In particular, the choice of lighting, the way it is used to dress spaces, must respond to a renewed vocation: it must be able to interpret the style and personal taste of the people who live those spaces, their unmistakable love for beauty. The Augenti vocation is exactly that: it combines functionality and style, practicality and beauty, technology and class.

Augenti interprets contemporary space, conducting in-depth research into beauty and class; design choices are made with the distinct objective of resolving all technical problems, all in a perspective of absolute elegance. Augenti was created for this very purpose: to increasingly adapt light to the real needs of contemporary mankind, combining the emotion of design with the quality of the Italian manufacturing tradition.

In Augenti collections, the research and innovation distinguishing the forms and shapes create objects able to offer unique emotions thanks to their extraordinary design. Therein lies an unmistakable allusion to exclusive atmospheres, which are in turn the result of a renewed commitment, while also the expression of an unparalleled culture and style. The Augenti collection proposes lighting elements able to interpret the style of those who love to surround themselves with seduction and provocation, continuously renewing their sophisticated complicity with objects of absolute value and unequivocal quality.

Augenti is further distinguished by its valuable investment in research, innovation and design. Its production force has also enjoyed a new injection of energy and momentum thanks to the manufacturing capacity of the important brand from which it was acquired.

RESEARCH AT THE SERVICE OF SUSTAINABILITY



Augenti offers a complete range of indoor and outdoor, residential and urban lighting products, designed and developed using only the highest quality primary materials with research into special treatments designed to guarantee improved durability and resistance, combined with the use of certified electronic components.

Product quality is further guaranteed by continuous research and testing on the various components of the lighting process. Among other things, this includes innovative light control and management technology, the meticulous selection of eco-friendly materials and close attention to contemporary ecological needs.

The company operates under a quality management system certified in accordance with standard UNI EN ISO 9001:2008. Moreover, its products are certified by EneC (European Norms Electrical Certification), a guarantee of their conformity to the European Standard EN 60598 (General Standard for Luminaires). Finally, all manufactured items are certified in compliance with European Directives 2004/108/EEC (Electromagnetic Compatibility) and 2006/95/EEC (Low Voltage Directive).

THE ADVANTAGES OF A COMPLETE SERVICE

The value of a company's proposal is also determined by the quality of the service offered to its clients. Service is one of the values making Augenti a safe and reliable partner for all your lighting needs. Our sales network is supported by our widespread international presence, both within and outside Europe; our after-sales service looks after the procurement of the various components and accessories; our dedicated in-house customer service guarantees accurate and prompt replies and is available to provide information of a technical or commercial nature; the logistics department ensures the punctuality and precision of deliveries, and the accurate inspection and verification of products sent to the client; the sales department is continuously committed to maintaining transparent and proper relations during the various transactions; the communication and marketing department guarantees the availability of a series of tools to make the client's job faster, simpler and more efficient.



MORE EVOLVED, MORE COMPETITIVE, MORE RELIABLE

Framon Group has recently developed a new sub-brand, Framon Components, entirely dedicated to the production of lighting components, which recently created the new Framon classic product line and also purchased the new Augenti brand some time ago.

The rich and varied experience acquired by Framon in the lighting sector is therefore now also available to Augenti, which focuses on the development of reliable and innovative products characterised by a contemporary and meticulous design. As such, Augenti will help further rationalise the Framon Group's national and international market presence, in order to offer new and additional advantages to clients.

THE EXCELLENCE OF MADE IN ITALY

The value of a style is the sum of a series of details that testify to a culture of quality in the various choices made. For example, the materials used, the finishes and production method, which harmoniously interact with the proposed aesthetic solutions.

Augenti was created and developed within the Italian manufacturing tradition as part of the "Made in Italy" experience, synonymous with excellence. All stages of the manufacturing process, from the moulding of stock shapes to epoxy powder coating, from warehousing and storage to assembly and wiring, are all performed within our own production facilities and satisfy the highest quality standards in accordance with the principles of Total Quality Management.



COMPANY

5-YEAR CORROSION WARRANTY



Our standard product finish has a 5-year warranty from the date of purchase of the product.

The integrity of the coating is not guaranteed when the product is used in saline environments or in the presence of corrosive agents or incompatible substances.

Any type of modification or tampering with the luminaires shall result in the automatic invalidation of the product warranty and marking.

ISO9001 CERTIFICATION



Since 2018, Augenti Lighting has been compliant with standard ISO 9001:2015

VISIT OUR WEBSITE



WEB

<http://www.augentilighting.it>



INSTAGRAM
@augenti_lighting



FACEBOOK
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YOUTUBE
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LINKEDIN
[linkedin.com/company/augenti-lighting](https://www.linkedin.com/company/augenti-lighting)

SYMBOLS

IP protection class (EN60598)

The International Protection (or IP protection class) in electrical engineering is a code that summarises the protection level of an electrical device against accidental or intentional contact with the human body or with objects, and protection against contact with water.

Level	Protection against the ingress of solid impurities	Level	Protection against the ingress of liquids
IP0x	No protection.	IPx0	No protection.
IP1x	Protected against solid impurities larger than 50 mm. Protected against access with back of hand.	IPx1	Protected against vertically falling drops of water.
IP2x	Protected against solid impurities larger than 12 mm. Protected against access with a finger.	IPx2	Protected against falling drops of water up to 15° from the vertical.
IP3x	Protected against solid impurities larger than 2.5 mm. Protected against access with a tool.	IPx3	Protected against direct sprays of water up to 60° from the vertical.
IP4x	Protected against solid impurities larger than 1 mm. Protected against access with a wire.	IPx4	Protected against sprays of water from all directions.
IP5x	Protected against dust. (low levels and not on conductive parts)	IPx5	Protected against spurts of water from all directions.
IP6x	Total protection against the ingress of dust. (no trace)	IPx6	Protected against powerful spurts of water from all directions.
		IPx7	Protected against the effects of temporary immersion.
		IPx8	Protected against the effects of continuous immersion.

Insulation class (EN60598)

Electrical insulation classes represent the homogeneous grouping defined by the IEC (International Electrotechnical Commission) of the technical characteristics applicable to an electric device in order to limit the risk of electrocution resulting from a fault in said device.



Class I
Devices in this class must have all their accessible parts grounded by way of an earth conductor.



Class II
Devices in this class are designed in such a way that they do not need to be grounded



Class III
Devices in this class do not have voltage values above the SELV (safety extra low voltage)

IK Code (EN62262)

IK Code is an international numeric classification for the degrees of protection provided by enclosures for electrical equipment against external mechanical impacts, and specify the capacity of an enclosure to protect its contents from external impacts, measured in Joule.

IK	00	01	02	03	04	05	06	07	08	09	10
IK10	0	0.15	0.20	0.35	0.50	0.70	1	2	5	10	20

SYMBOLS

SPECIFICATIONS



Suitable for vehicle traffic



Suitable for light foot traffic



Beam Opening



Operating temperature



Made with UV-stabilised materials



Glow wire test (EN 60695)



Risk Group Exempt (IEC/TR 62778:14)



Risk Group 1 (IEC/TR 62778:14)



Emergency Kit 1h/3h



Dimmable System



Not Dimmable System



LED RGB + W



Responds to EU requirements on the subject of safety, health and environmental



European Norms Electrical Certification. Responds to EU requirements on safety and performance of lighting fixtures.

EMISSION



Diffused single emission



Diffused double emission



Single emission



Double emission



Direct Beam



Asymmetric



Adjustable



Adjustable Diffuse



Shielded



Symmetrical on the plane



Plane emissions

INSTALLATION



Bollards/Ground



Wall recessed



Ceiling recessed



In-ground recessed



Pole



Wall



Ceiling / Wall



Suspension



Ceiling



Floodlight



Spike

APPLICATIONS



Arches



Access Areas



Buildings and historical centres



Building façades



Accent lighting



Internal



Car parks



Parks and gardens



Cycle/pedestrian paths



Porches



Residential areas



Urban Centres



Meeting squares and pedestrian areas

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54		58	62	68	76
					
UP&DOWN-Q		OPTIKA	PINUP	ANTARES ROUND	ANTARES SQUARE
144		88	92	96	100
					
GEO		TWIN	HELIOS	SCUDO	MINUS
102		110	116	120	126
					
LUCY		CLIO			
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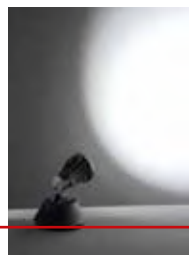
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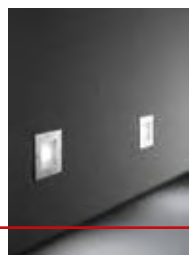
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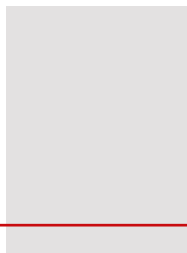


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AVAILABLE COLOURS



00
PURE WHITE RAL 9016



01
BLACK RAL 9005



10
WHITE RAL 9010



24
BRONZE



25
RUST



30
ANTHRACITE



35
SLATE GREY



40
GREY RAL 9006



—

WALL

—

MODO 601W1



MODO 602W1



MODO 603W1



MODO WALL

LINKED PRODUCTS



MODO SUSPENSION
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MODDO WALL



APPLICATION



A simple parallelepiped, with a minimal line and compact dimensions, capable of being wallwashers, vertically or horizontally, oriented according to the light requirements. It also offers the possibility of combining it in a modular system, which can be combined in both planar directions, to form a different product with infinite capabilities. A system, therefore, more than a single volume, capable of evolving into multiple geometric and optical variants and thus supporting the multiple and diversified needs of the lighting designer. Dali dimmable on request with extra charge.



LED SYSTEM WITH BUILT-IN DRIVER - Single Emission

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
601W1/WP70XX	790 lm	660 lm	3000K	80	8W - 220-240Vac 50/60Hz	I	3
601W1/NP70XX	900 lm	740 lm	4000K	80	8W - 220-240Vac 50/60Hz	I	3

Beam XX :
 XX=NB (Flood 12°)
 XX=MB (Flood 28°)
 XX=WB (Wide Flood 50°)
 XX=AB (Asymmetric)

Single Emission
 Silk-Screen Clear Glass

Dali dimmable on request
 with extra charge



LED SYSTEM WITH BUILT-IN DRIVER - Double Emission

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
602W1/WP70XX	1580 lm	1320 lm	3000K	80	2x8W - 220-240Vac 50/60Hz	I	6
602W1/NP70XX	1800 lm	1480 lm	4000K	80	2x8W - 220-240Vac 50/60Hz	I	6

Beam XX :
 XX=NB (Flood 12°)
 XX=MB (Flood 28°)
 XX=WB (Wide Flood 50°)
 XX=AB (Asymmetric)
 XX=NW (Double Flood 12°+50°)

Double Emission
 Silk-Screen Clear Glass

Dali dimmable on request
 with extra charge



LED SYSTEM WITH BUILT-IN DRIVER - Single Emission

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
603W1/WP70AB	720 lm	590 lm	3000K	80	8W - 220-240Vac 50/60Hz	I	3
603W1/NP70AB	765 lm	627 lm	4000K	80	8W - 220-240Vac 50/60Hz	I	3
603W1/WP70BB	260 lm	215 lm	3000K	80	3.5W - 220-240Vac 50/60Hz	I	1
603W1/NP70BB	300 lm	250 lm	4000K	80	3.5W - 220-240Vac 50/60Hz	I	1

Beam
 AB (Asymmetric)
 BB (Straight Blade 4°)

Single Emission
 Silk-Screen Clear Glass

Dali dimmable on request
 with extra charge

WALL

MODO WALL

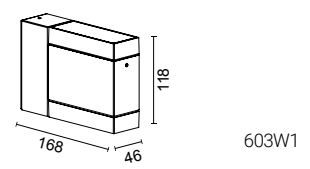
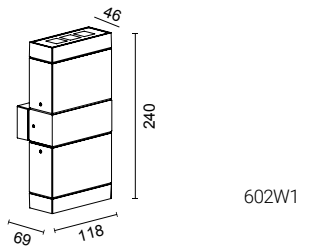
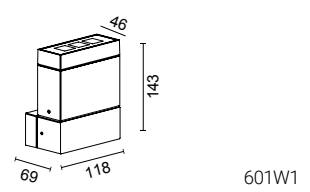
SPECIFICATIONS



Installation:
 Wall

- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- Single Emission version can be oriented both upwards and downwards

DIMENSIONS



STANDARD COLOURS



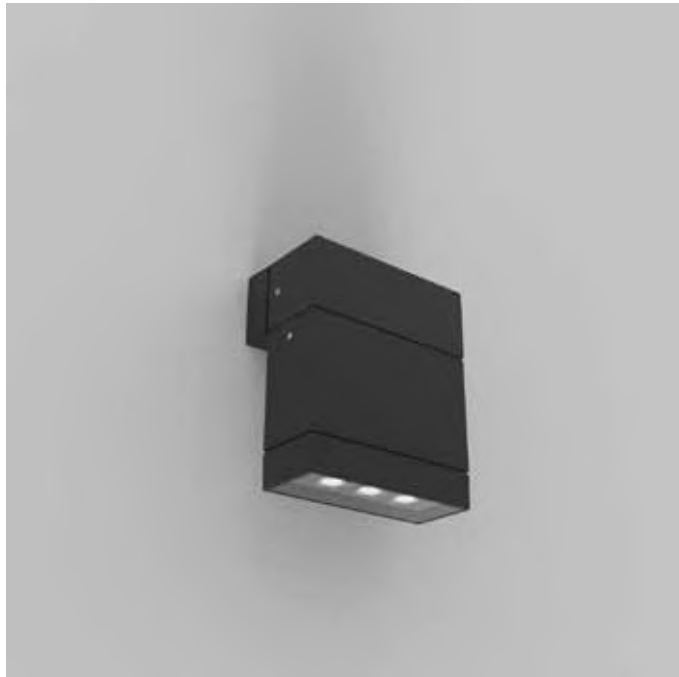
MODO WALL

CHARACTERISTICS

- Optical/Driver section not accessible during installation.
- LED maintenance can be carried out by opening the optical compartment. LED module by Augenti
- Driver maintenance can be performed by opening the main body.
- Rear cable entry (cable supplied with Floodlight version)
- Luminaire Conforms to EN60598-1 Standard and special requirements

MATERIALS

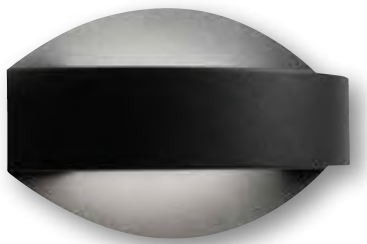
- Extra Clear Tempered Glass 4mm with silk-screen printing.
- Body in Extruded Aluminium Alloy
- Caps in Die-cast Aluminium
- Heatsink integrated into fixture in Die-cast Aluminium
- Gaskets in EPDM Rubber Tmax 120°C UV resistant
- Brackets (Internal/External) in AISI430F Stainless Steel polyester powder painted
- Internal and external screws in A2 Stainless Steel
- Polyester powder paint finish resistant to corrosion and sea mist (ISO7523)





MERIDIAN

REGISTERED MODEL



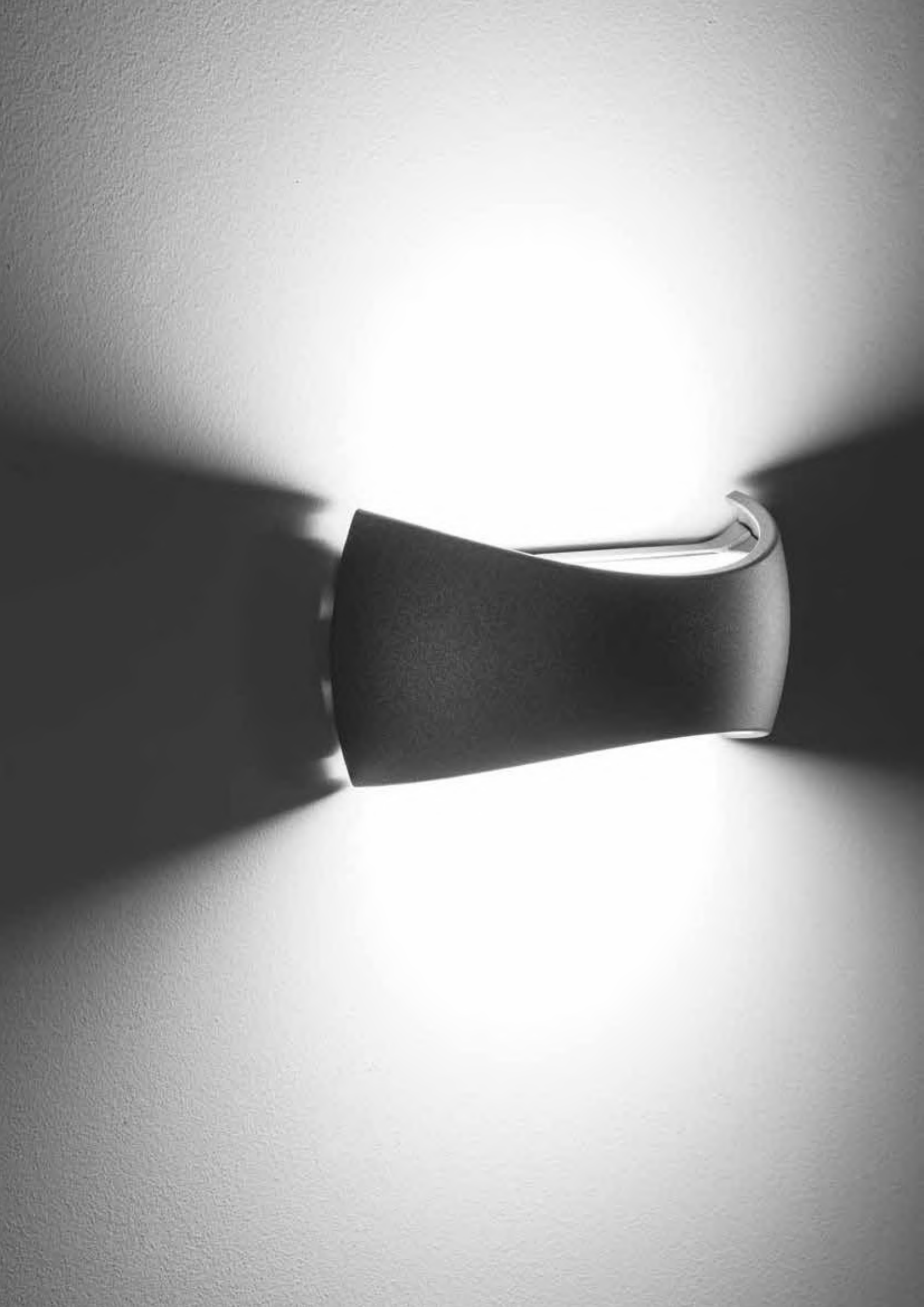
MERIDIAN 2.2



MERIDIAN 2.1



MERIDIAN 2.0



MERIDIAN 2.0



APPLICATION



Double emission fixture with diffused distribution of the light beam. Screen in printed etched glass and main structure in die-cast aluminum. Double mains voltage LED circuit for maximizing output. Possibility of power supply with driver. Dali dimmable on request with extra charge.

WALL

MERIDIAN 2.0

SPECIFICATIONS



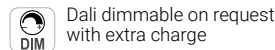
Installation:
Wall

- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver

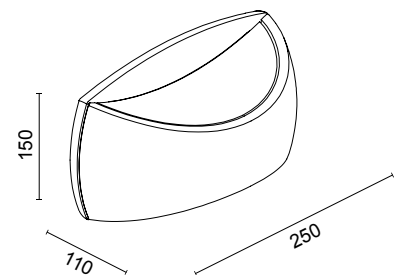


LED SYSTEM WITH BUILT-IN DRIVER

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
4570W/WR35VS	2080 lm	1322 lm	3000 K	80	17W - 220-240Vac 50/60Hz	I
4570W/NR35VS	2180 lm	1384 lm	4000 K	80	17W - 220-240Vac 50/60Hz	I

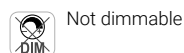


DIMENSIONS



LED DIRECT AC SYSTEM

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
4570W/WRACVS	1690 lm	1070 lm	3000 K	80	18W - 220-240Vac 50/60Hz	I
4570W/NRACVS	1800 lm	1145 lm	4000 K	80	18W - 220-240Vac 50/60Hz	I



STANDARD COLOURS



MERIDIAN 2.0

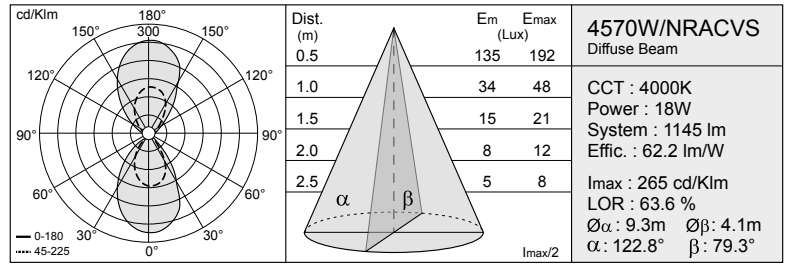
CHARACTERISTICS

- Independent optical system housing not accessible during installation, with wall-mounting plate.
- Mounting system body/plate obtained through integrated hinge and locking screw.
- Central or Lateral power cable input. Internal 3-ways terminal block for non feed-through wiring.
- Power cable allowed up to 1.5mm² three-pole with external sheath max. 11mm.
- LED maintenance by opening the optical compartment.
- Driver maintenance (if present) with direct access independent of optical system housing.
- Version available with LED DIRECT AC system at mains voltage, or with built-in driver, with the possibility of Dali dimming
- Luminaire Conforms to EN60598-1 Standard and special requirements

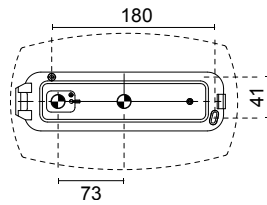
MATERIALS

- Fixture/Base in Die-Cast Aluminium Alloy
- Borosilicate glass with internal acid-etched finish with transmission LT>60%.
- Seals in EDPM closed cell rubber, UV- resist. Tx -40/+150°C .
- Passive heat sink integrated into structure.
- Internal and external screws in A2 Stainless Steel
- IP66 Megol resin cable gland UV-Resist. GWT850°C
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

PHOTOMETRICS DATA



ASSEMBLY



WALL

MERIDIAN 2.0



MERIDIAN 2.1



APPLICATION



Double emission fixture with diffused distribution of the light beam. Screen in printed etched glass and main structure in die-cast aluminum. Double mains voltage LED circuit for maximizing output. Possibility of power supply with driver. Dali dimmable on request with extra charge.

WALL

MERIDIAN 2.1

SPECIFICATIONS

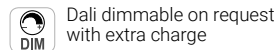
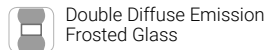


- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver

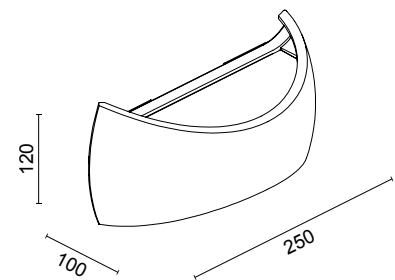


LED SYSTEM WITH BUILT-IN DRIVER

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
4571W/WR35VS	2080 lm	1322 lm	3000 K	80	17W - 220-240Vac 50/60Hz	I
4571W/NR35VS	2180 lm	1384 lm	4000 K	80	17W - 220-240Vac 50/60Hz	I

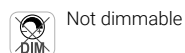


DIMENSIONS



LED DIRECT AC SYSTEM

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
4571W/WRACVS	1690 lm	1180 lm	3000 K	80	18W - 220-240Vac 50/60Hz	I
4571W/NRACVS	1800 lm	1250 lm	4000 K	80	18W - 220-240Vac 50/60Hz	I



STANDARD COLOURS



MERIDIAN 2.1

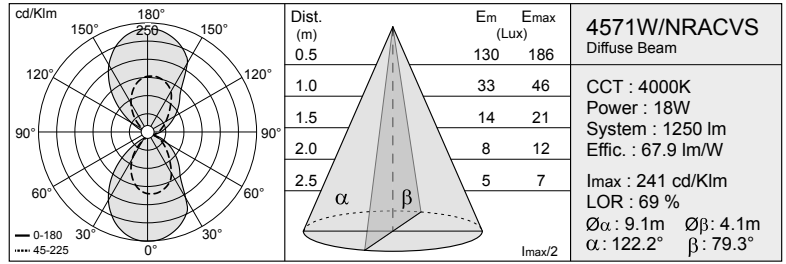
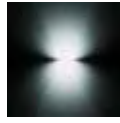
CHARACTERISTICS

- Mounting system body/plate obtained through integrated hinge and locking screw.
- Central or Lateral power cable input. Internal 3-ways terminal block for non feed-through wiring.
- Power cable allowed up to 1.5mm² three-pole with external sheath max. 11mm.
- LED maintenance by opening the optical compartment.
- Driver maintenance (if present) with direct access independent of optical system housing.
- Version available with LED DIRECT AC system at mains voltage, or with built-in driver, with the possibility of Dali dimming
- Luminaire Conforms to EN60598-1 Standard and special requirements

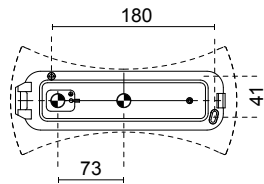
MATERIALS

- Fixture/Base in Die-Cast Aluminium Alloy
- Borosilicate glass with internal acid-etched finish with transmission LT>60%.
- Seals in EDPM closed cell rubber, UV- resist. Tx -40/+150°C .
- Passive heat sink integrated into structure.
- Internal and external screws in A2 Stainless Steel
- IP66 Megol resin cable gland UV-Resist. GWT850°C
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

PHOTOMETRICS DATA



ASSEMBLY



WALL

MERIDIAN 2.1



MERIDIAN 2.2



APPLICATION



Double emission fixture with diffused distribution of the light beam. Screen in printed etched glass and main structure in die-cast aluminum. Double mains voltage LED circuit for maximizing output. Possibility of power supply with driver. Dali dimmable on request with extra charge.

WALL

MERIDIAN 2.2

SPECIFICATIONS

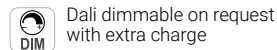
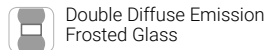


- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver

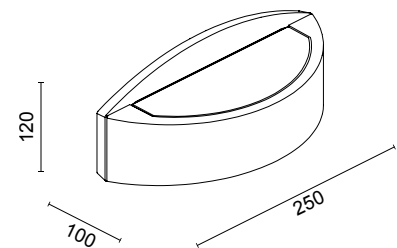


LED SYSTEM WITH BUILT-IN DRIVER

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
4572W/WR35VS	2080 lm	1460 lm	3000 K	80	17W - 220-240Vac 50/60Hz	I
4572W/NR35VS	2180 lm	1537 lm	4000 K	80	17W - 220-240Vac 50/60Hz	I

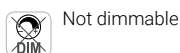
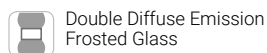


DIMENSIONS



LED DIRECT AC SYSTEM

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
4572W/WRACVS	1690 lm	1190 lm	3000 K	80	18W - 220-240Vac 50/60Hz	I
4572W/NRACVS	1800 lm	1275 lm	4000 K	80	18W - 220-240Vac 50/60Hz	I



STANDARD COLOURS



MERIDIAN 2.2

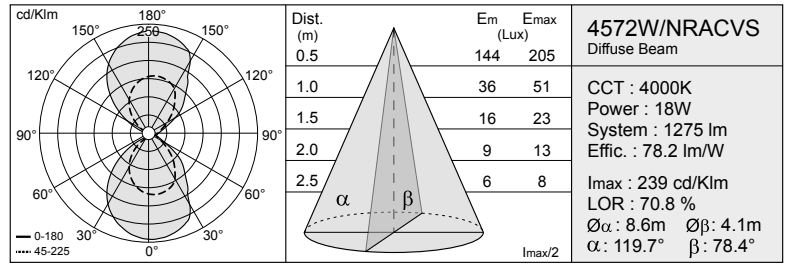
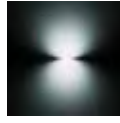
CHARACTERISTICS

- Independent optical system housing not accessible during installation, with wall-mounting plate.
- Mounting system body/plate obtained through integrated hinge and locking screw.
- Central or Lateral power cable input. Internal 3-ways terminal block for non feed-through wiring.
- Power cable allowed up to 1.5mm² three-pole with external sheath max. 11mm.
- LED maintenance by opening the optical compartment.
- Driver maintenance (if present) with direct access independent of optical system housing.
- Version available with LED DIRECT AC system at mains voltage, or with built-in driver, with the possibility of Dali dimming
- Luminaire Conforms to EN60598-1 Standard and special requirements

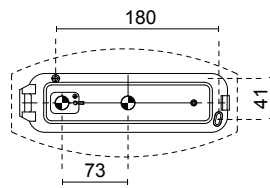
MATERIALS

- Fixture/Base in Die-Cast Aluminium Alloy
- Borosilicate glass with internal acid-etched finish with transmission LT>60%.
- Seals in EDPM closed cell rubber, UV- resist. Tx -40/+150°C .
- Passive heat sink integrated into structure.
- Internal and external screws in A2 Stainless Steel
- IP66 Megol resin cable gland UV-Resist. GWT850°C
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

PHOTOMETRICS DATA



ASSEMBLY



WALL

MERIDIAN 2.2



MERIDIAN



MERIDIAN PLUS



MERIDIAN

MERIDIAN PLUS





WALL

MERIDIAN



APPLICATION



Double emission fixture with diffused distribution of the light beam. Molded acid-etched glass diffusers and die-cast aluminum main structure. Double mains voltage LED circuit for maximizing output. Dali dimmable on request with extra charge.

WALL

MERIDIAN

SPECIFICATIONS

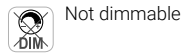
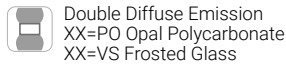


- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value

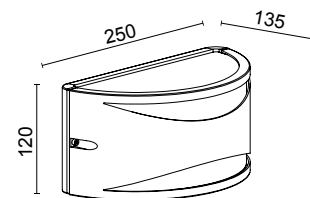


LED DIRECT AC SYSTEM

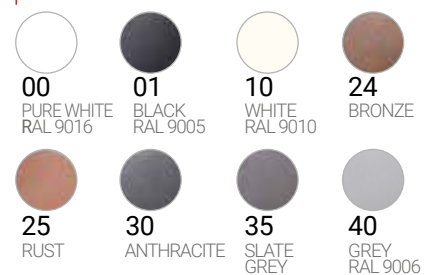
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
4500W/WR4.XX	1690 lm	1015 lm	3000 K	80	18W - 220-240Vac 50/60Hz	I
4500W/NR4.XX	1800 lm	1090 lm	4000 K	80	18W - 220-240Vac 50/60Hz	I



DIMENSIONS



STANDARD COLOURS



WALL

MERIDIAN PLUS

SPECIFICATIONS



Installation:
Wall



Art.4550W / 4560W :
Built-in 3hrs **Emergency Kit available on request**, reduced power version

- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver



LED SYSTEM WITH BUILT-IN DRIVER

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
4550W/WC4.VS	2800 lm	1834 lm	3000 K	80	21W - 220-240Vac 50/60Hz	I
4550W/NC4.VS	2940 lm	1926 lm	4000 K	80	21W - 220-240Vac 50/60Hz	I



Beam
>100°

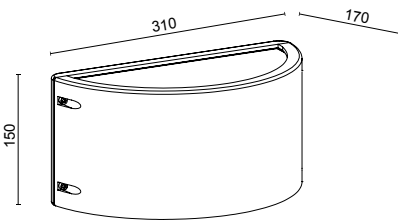
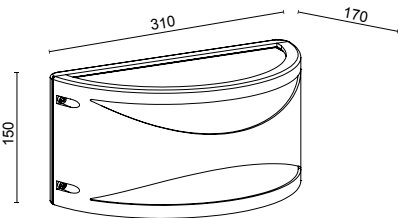


Double Diffuse Emission
Frosted Glass



Dali dimmable on request
with extra charge

DIMENSIONS



LED SYSTEM WITH BUILT-IN DRIVER

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
4560W/WC4.VS	2800 lm	1694 lm	3000 K	80	21W - 220-240Vac 50/60Hz	I
4560W/NC4.VS	2940 lm	1780 lm	4000 K	80	21W - 220-240Vac 50/60Hz	I



Beam
>100°

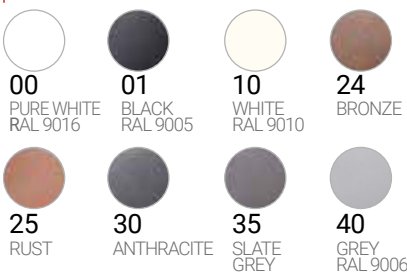


Double Diffuse Emission
Frosted Glass



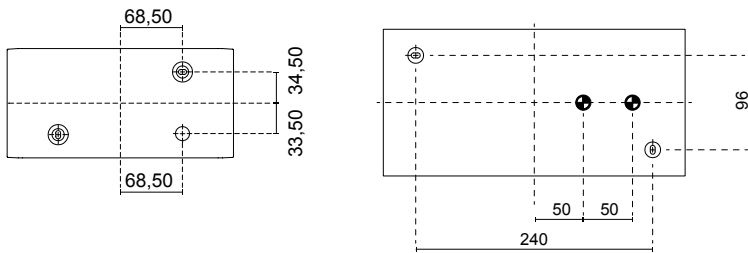
Dali dimmable on request
with extra charge

STANDARD COLOURS



MERIDIAN PLUS

ASSEMBLY



4500W

4550W/4560W

CHARACTERISTICS

- Optical system housing accessible during installation, with LED on wall-mounted anchor plate.
- Lateral power cable input. Internal 3-ways terminal block for non feed-through wiring.
- Power cable allowed up to 1.5mm² three-pin with external sheath max. 10mm.
- LED maintenance by opening the optical system housing.
- Version available with LED DIRECT AC system at mains voltage
- Luminaire Conforms to EN60598-1 Standard and special requirements

MATERIALS

- Fixture/Base in Die-Cast Aluminium Alloy
- Borosilicate glass with internal acid-etched finish with transmission LT>60%.
- Diffuser optional available in Opal PC GWT850°C UV Resist LTF>50%.
- Seals in EDPM closed cell rubber, UV- resist. Tx -40/+150°C .
- Passive heat sink in Extrusion Aluminium alloy.
- Internal and external screws in A2 Stainless Steel
- IP66 Megol resin cable gland UV-Resist. GWT850°C
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.



LETTERA



LETTERA

LINKED PRODUCTS

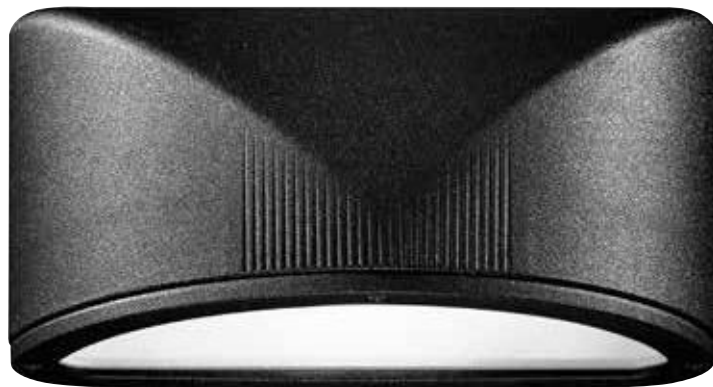


LETTERA SMALL POLE
Pag. 370



WALL

LETTERA



APPLICATION



Single emission fixture for wall installation with a very elegant semi-cylindrical shaped shape, with a wallwasher-like lighting effect aimed at making the surface texture on which it acts more evident. It is therefore a device suitable above all for the architectural enhancement of both internal and external environments, with a high degree of protection and a strong predisposition to energy saving.

WALL

LETTERA

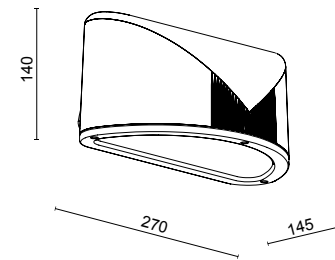
SPECIFICATIONS



- The rated flux values refer to source LED at Ts65°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver

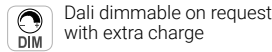


DIMENSIONS



LED SYSTEM WITH BUILT-IN DRIVER

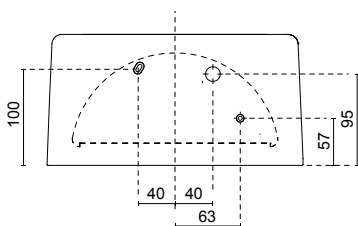
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
4700W/WC4.VS	1400 lm	914 lm	3000 K	80	10.5W - 220-240Vac 50/60Hz	I
4700W/NC4.VS	1470 lm	961 lm	4000 K	80	10.5W - 220-240Vac 50/60Hz	I



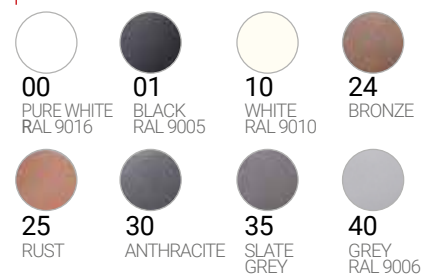
MATERIALS

- Body: Die-Cast Aluminium Alloy
- Screens: Frosted tempered borosilicate molded glass
- Optics: 99.85 satin anodized aluminum
- Seals: Closed cell EPDM rubber
- Internal and external screws in A2 Stainless Steel
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.
- Electronic wiring
- Luminaire Conforms to EN60598-1 Standard and special requirements

ASSEMBLY



STANDARD COLOURS



ISOTTA



ISOTTA



WALL

ISOTTA



APPLICATION



LED wall light with a strong profile, Isotta is a perfect lamp for both indoors and outdoors. Entirely made of aluminum, it is enriched with two glass plates that shield the direct light of the LEDs and spread it homogeneously throughout the environment. Can be installed by wall fixing, Isotta is a perfect combination of innovative design and technical efficiency.

WALL

ISOTTA

SPECIFICATIONS

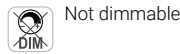
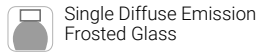


Installation:
Wall

- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable version not available

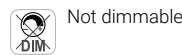
LED SYSTEM WITH BUILT-IN DRIVER - Single Emission

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
9850W/WR4.VS	2080 lm	450 lm	3000 K	80	17W - 220-240Vac 50/60Hz	I
9850W/NR4.VS	2180 lm	480 lm	4000 K	80	17W - 220-240Vac 50/60Hz	I

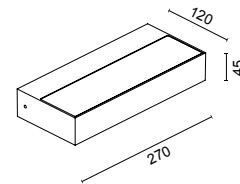


LED SYSTEM WITH BUILT-IN DRIVER - Double Emission

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
9851W/WR4.VS	2080 lm	900 lm	3000 K	80	17W - 220-240Vac 50/60Hz	I
9851W/NR4.VS	2180 lm	960 lm	4000 K	80	17W - 220-240Vac 50/60Hz	I



DIMENSIONS



CHARACTERISTICS

- Optical compartment accessible during installation, with wall-mounting plate.
- Mounting system body/plate obtained through hidden locking grain.
- Lateral power cable input. Internal 3-ways terminal block for non feed-through wiring.
- Power cable allowed up to 1.5mm² with external sheath max. 10mm.
- Luminaire Conforms to EN60598-1 Standard and special requirements

MATERIALS

- Fixture/Base in Die-Cast Aluminium Alloy
- Borosilicate glass with internal acid-etched finish with transmission LT>60%.
- Glass gasket in neutral cross-linking silicone glue - Tx-50/+250°C UV resist.
- Integrated passive heat sink • Internal and external screws in A2 Stainless Steel
- IP65 Megol resin cable gland UV-Resist. GWT850°C
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

STANDARD COLOURS



TECNO

TECNO







APPLICATION



Strengthened by its resistance, Tecno is a product characterized by a high quality of construction materials which guarantees its use outdoors. We offer Tecno in two different versions: in the first the article presents an exclusive downward orientation of the light, in the second, however, the article presents an orientation of the light in both directions, therefore both downwards and upwards. . There is the possibility to choose Tecno in five color variants, in order to better adapt to your setting needs. The LED system guarantees its luminous efficiency and allows for minimum energy consumption. Installable by wall fixing, Tecno is a perfect combination of design and technical efficiency.

WALL

TECNO

SPECIFICATIONS

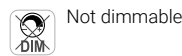


- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value

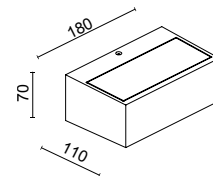


LED DIRECT AC SYSTEM - Single Emission

COD.	Source Flux	Fixture Flux	CCT	CRI	POWER	CL
309-...LD3	1200 lm	270 lm	3000 K	80	12W - 220-240Vac 50/60Hz	I
309-...LD4	1250 lm	285 lm	4000 K	80	12W - 220-240Vac 50/60Hz	I

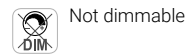
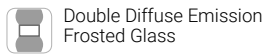


DIMENSIONS

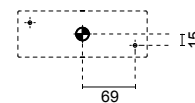


LED DIRECT AC SYSTEM - Double Emission

COD.	Source Flux	Fixture Flux	CCT	CRI	POWER	CL
209-...LD3	1200 lm	540 lm	3000 K	80	12W - 220-240Vac 50/60Hz	I
209-...LD4	1250 lm	570 lm	4000 K	80	12W - 220-240Vac 50/60Hz	I



ASSEMBLY



CHARACTERISTICS

- Optical system housing accessible during installation, with LED on wall-mounted anchor plate.
- Mounting system body/plate obtained through integrated hinge and locking screw.
- Lateral power cable entry with internal 3-way terminal block for non feed-through wiring.
- Power cable allowed up to 1.5mmq tripolar with external sheath max 10mm.
- LED maintenance by opening the optical compartment.
- Luminaire Conforms to EN60598-1 Standard and special requirements

MATERIALS

- Body: Die-Cast Aluminium Alloy
- Base: Polyamide (PA6) reinforced with Fiber 30% UV resistant GW960° C
- Borosilicate glass with internal acid-etched finish with transmission LT>60%.
- Glass gasket in neutral cross-linking silicone glue - Tx-50/+250°C UV resist.
- Integrated passive heat sink made of aluminium alloy
- Internal and external screws in A2 Stainless Steel
- IP65 Megol resin cable gland UV-Resist. GWT850°C
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

STANDARD COLOURS



GIULIA



GIULIA



WALL

GIULIA



APPLICATION



Single and double emission fixture with diffused light beam distribution. Suitable for grazing lighting of facades and curtain walls, it has a double mains voltage LED circuit for direct and indirect emission. Power supply with built-in driver with fixed output or Dali dimmable on request with extra charge.

CHARACTERISTICS

- Optical system housing accessible during installation, with LED on wall-mounted anchor plate.
- Mounting system body/plate obtained through integrated hinge and locking screw.
- Lateral power cable entry with internal 3-way terminal block for non feed-through wiring.
- Power cable allowed up to 1.5mm² tripolar with external sheath max 1mm.
- LED maintenance by opening the optical compartment.
- Luminaire Conforms to EN60598-1 Standard and special requirements

MATERIALS

- Fixture/Base in Die-Cast Aluminium Alloy
- Borosilicate glass with internal acid-etched finish with transmission LT>60%.
- Molded gaskets in UV resist. Tx -40/+180°C.
- Integrated passive heat sink made of aluminium alloy
- Internal and external screws in A2 Stainless Steel
- IP65 Megol resin cable gland UV-Resist. GWT850°C
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

WALL

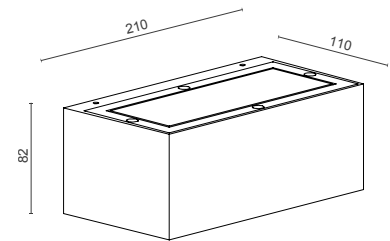
GIULIA

SPECIFICATIONS

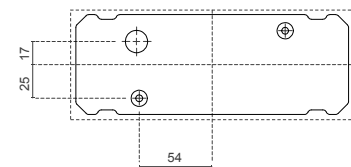


- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- Single Emission version can be oriented both upwards and downwards

DIMENSIONS

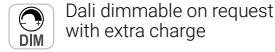
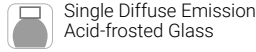


ASSEMBLY



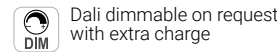
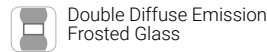
LED SYSTEM WITH BUILT-IN DRIVER - Single Emission

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
9901W/WC4.VS	1040 lm	723 lm	3000 K	80	11W - 220-240Vac 50/60Hz	I
9901W/NC4.VS	1090 lm	750 lm	4000 K	80	11W - 220-240Vac 50/60Hz	I



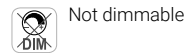
LED SYSTEM WITH BUILT-IN DRIVER - Double Emission

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
9900W/WC4.VS	2080 lm	1450 lm	3000 K	80	20W - 220-240Vac 50/60Hz	I
9900W/NC4.VS	2180 lm	1500 lm	4000 K	80	20W - 220-240Vac 50/60Hz	I



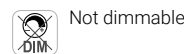
LED DIRECT AC SYSTEM - Single Emission

COD.	Source Flux	Fixture Flux	CCT	CRI	POWER	CL
9901W/WR4.VS	850 lm	590 lm	3000 K	80	9W - 220-240Vac 50/60Hz	I
9901W/NR4.VS	900 lm	630 lm	4000 K	80	9W - 220-240Vac 50/60Hz	I

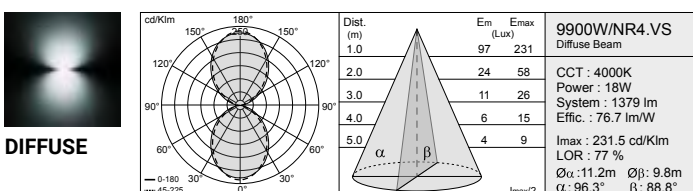
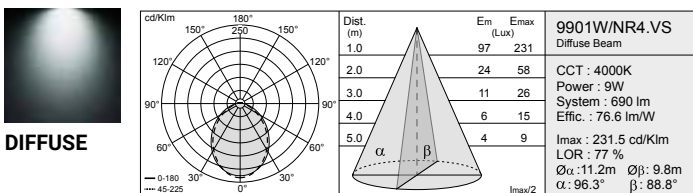


LED DIRECT AC SYSTEM - Double Emission

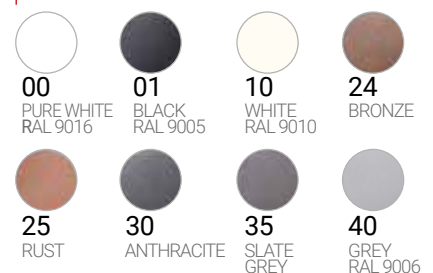
COD.	Source Flux	Fixture Flux	CCT	CRI	POWER	CL
9900W/WR4.VS	1690 lm	1770 lm	3000 K	80	2x9W - 220-240Vac 50/60Hz	I
9900W/NR4.VS	1800 lm	1250 lm	4000 K	80	2x9W - 220-240Vac 50/60Hz	I



PHOTOMETRICS DATA



STANDARD COLOURS



GINEVRA



GINEVRA



WALL

GINEVRA



APPLICATION



Strengthened by its resistance, Ginevra is a product characterized by a high quality of construction materials that guarantees its use outdoors. Ginevra is available in two versions: with exclusive light orientation downwards, or with light orientation in both directions, therefore both downwards and upwards. The LED system guarantees its luminous efficiency and allows for minimum energy consumption. Installable by fixing to the wall, Ginevra is a perfect combination of design and technical efficiency.

WALL

GINEVRA

SPECIFICATIONS

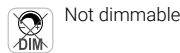
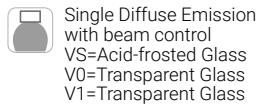
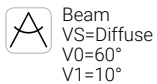


- The rated flux values refer to source LED at Ts65°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Single Emission version can be oriented both upwards and downwards



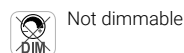
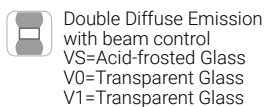
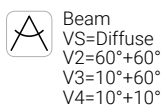
LED SYSTEM WITH BUILT-IN DRIVER - Single Emission

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
9801W/WR3.V5	440 lm	195 lm	3000 K	80	4W - 220-240Vac 50/60Hz	I
9801W/NR3.V5	480 lm	210 lm	4000 K	80	4W - 220-240Vac 50/60Hz	I
9801W/WR3.V0	440 lm	310 lm	3000 K	80	4W - 220-240Vac 50/60Hz	I
9801W/NR3.V0	480 lm	335 lm	4000 K	80	4W - 220-240Vac 50/60Hz	I
9801W/WR3.V1	440 lm	130 lm	3000 K	80	4W - 220-240Vac 50/60Hz	I
9801W/NR3.V1	480 lm	145 lm	4000 K	80	4W - 220-240Vac 50/60Hz	I

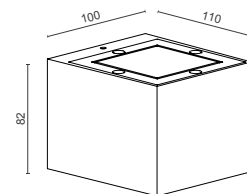


LED SYSTEM WITH BUILT-IN DRIVER - Double Emission

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
9800W/WR3.V5	880 lm	385 lm	3000 K	80	8W - 220-240Vac 50/60Hz	I
9800W/NR3.V5	960 lm	420 lm	4000 K	80	8W - 220-240Vac 50/60Hz	I
9800W/WR3.V2	880 lm	620 lm	3000 K	80	8W - 220-240Vac 50/60Hz	I
9800W/NR3.V2	960 lm	670 lm	4000 K	80	8W - 220-240Vac 50/60Hz	I
9800W/WR3.V3	880 lm	440 lm	3000 K	80	8W - 220-240Vac 50/60Hz	I
9800W/NR3.V3	960 lm	480 lm	4000 K	80	8W - 220-240Vac 50/60Hz	I
9800W/WR3.V4	880 lm	260 lm	3000 K	80	8W - 220-240Vac 50/60Hz	I
9800W/NR3.V4	960 lm	290 lm	4000 K	80	8W - 220-240Vac 50/60Hz	I



DIMENSIONS

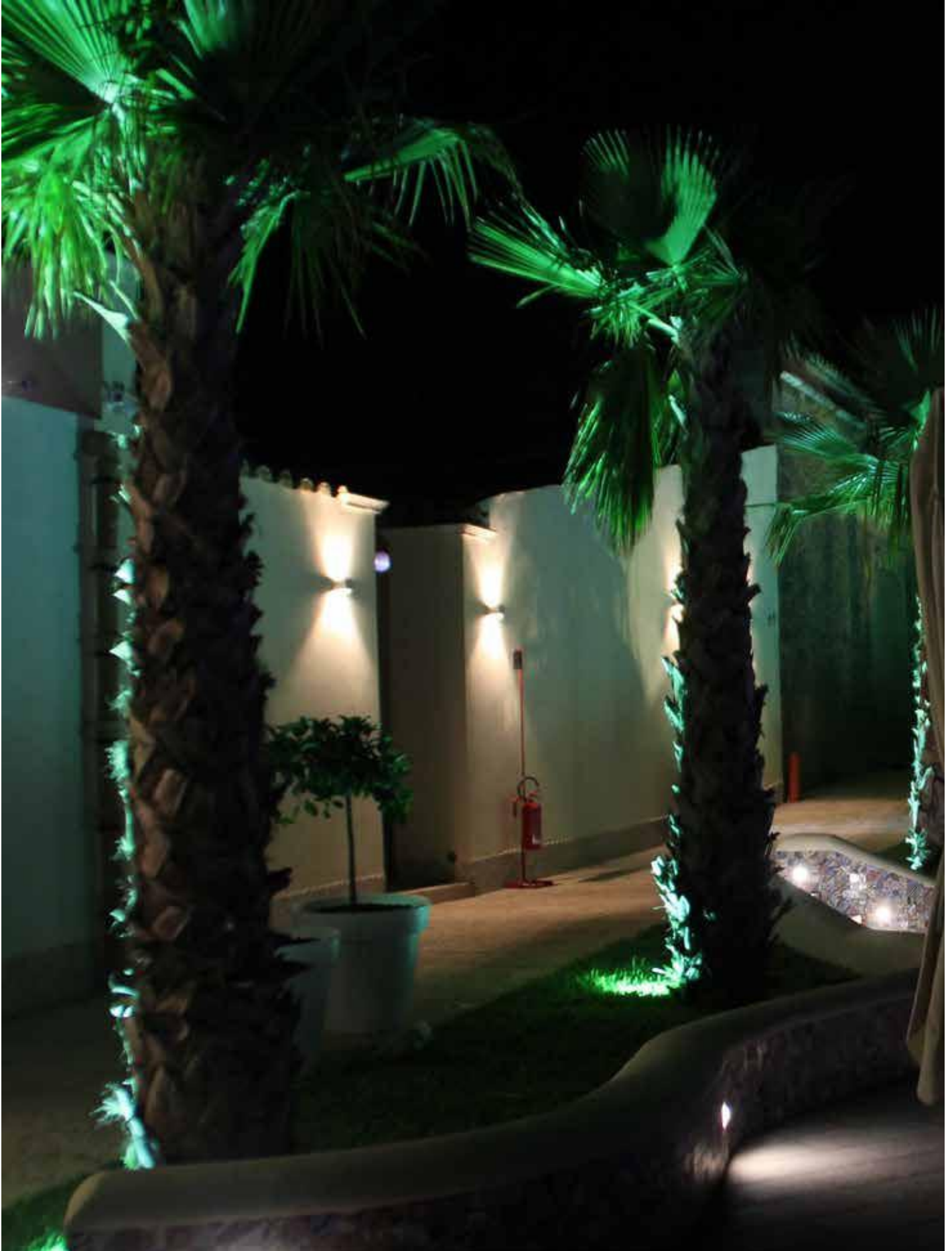


STANDARD COLOURS



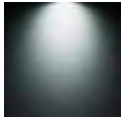
WALL

GINEVRA

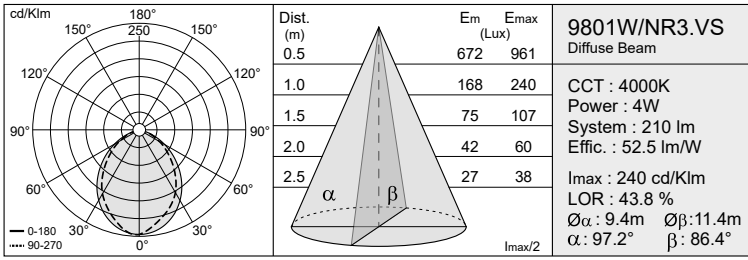


GINEVRA

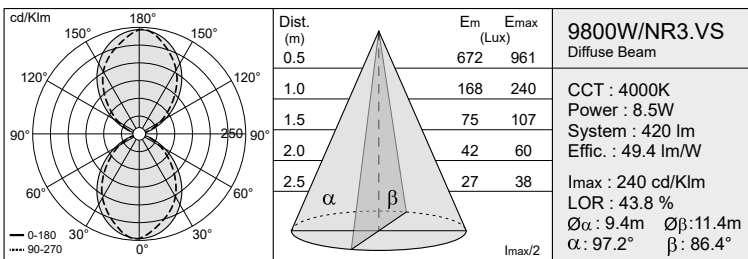
PHOTOMETRICS DATA



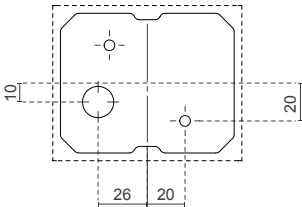
DIFFUSE



DIFFUSE



ASSEMBLY



CHARACTERISTICS

- Optical system housing accessible during installation, with LED on wall-mounted anchor plate.
- Mounting system body/plate obtained through integrated hinge and locking grain.
- Lateral power cable entry with internal 3-way terminal block for non-pass-through wiring.
- Power cable allowed up to 1.5mm² three-pole with external sheath max. 11mm.
- LED/Driver maintenance by opening the optical compartment.
- Luminaire Conforms to EN60598-1 Standard and special requirements

MATERIALS

- Fixture/Base in Die-Cast Aluminium Alloy
- Borosilicate glass with internal acid-etched finish with transmission LT>60%.
- Molded gaskets in UV resist. Tx -40/+180°C.
- Integrated passive heat sink made of aluminium alloy
- Internal and external screws in A2 Stainless Steel
- IP65 Megol resin cable gland UV-Resist. GWT850°C
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

QUADRA

QUADRA



QUADRA



QUADRA MID



QUADRA MID



QUADRA MID



QUADRA MAX



QUADRA MAX



LINKED PRODUCTS



QUADRA
Pag. 250



Argent



WALL
QUADRA



APPLICATION



Series of outdoor luminaires applicable to wall and ceiling both as recessed and surface-mounted, a feature that makes them suitable for finding space in infinite types of applications, from the lighting of avenues to floor washers or for the diffused lighting of porches, also thanks to the supply of LED sources and a high degree of protection IP65.

The series has two emissions, one diffusing with the use of frosted shielding that avoids annoying glare, and one asymmetrical for the illumination of horizontal surfaces. The built-in power supply unit can be electronic or electromagnetic and is also available in an emergency lighting version with integrated components inside the structure. All this is accompanied by the supply of the polypropylene case for wall recessed applications.

WALL

QUADRA

SPECIFICATIONS

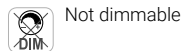
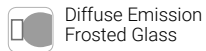


- The rated flux values refer to source LED at Ts75°C / ta25°C
- The Power/Flux in the table refer to maximum installable value

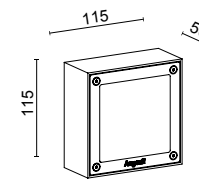


LED DIRECT AC SYSTEM

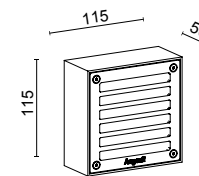
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
1000C/WR1.VS	450 lm	260 lm	3000 K	80	5W - 220-240Vac 50/60Hz	I
1000C/NR1.VS	475 lm	275 lm	4000 K	80	5W - 220-240Vac 50/60Hz	I



DIMENSIONS



1000C

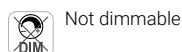


1001C



LED DIRECT AC SYSTEM

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
1001C/WR1.VS	450 lm	210 lm	3000 K	80	5W - 220-240Vac 50/60Hz	I
1001C/NR1.VS	475 lm	220 lm	4000 K	80	5W - 220-240Vac 50/60Hz	I



STANDARD COLOURS



QUADRA MID

SPECIFICATIONS

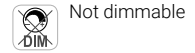
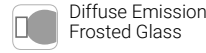


- The rated flux values refer to source LED at Ts75°C / ta25°C
- The Power/Flux in the table refer to maximum installable value

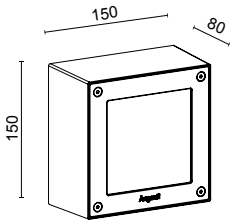


LED DIRECT AC SYSTEM

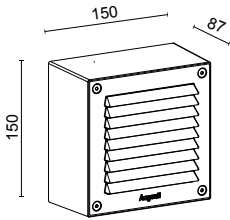
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
1002C/WR2.VS	1190 lm	597 lm	3000 K	80	13W - 220-240Vac 50/60Hz	I
1002C/NR2.VS	1220 lm	607 lm	4000 K	80	13W - 220-240Vac 50/60Hz	I



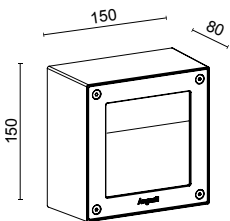
DIMENSIONS



1002C



1003W

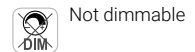


1004W



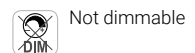
LED DIRECT AC SYSTEM

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
1003W/WR2.VS	1190 lm	300 lm	3000 K	80	13W - 220-240Vac 50/60Hz	I
1003W/NR2.VS	1220 lm	314 lm	4000 K	80	13W - 220-240Vac 50/60Hz	I

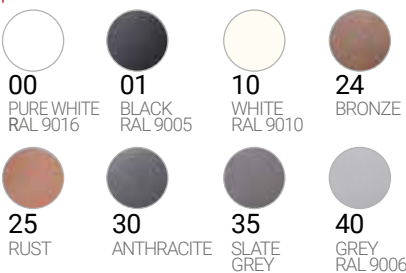


LED DIRECT AC SYSTEM

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
1004W/WR2.VT	1190 lm	382 lm	3000 K	80	13W - 220-240Vac 50/60Hz	I
1004W/NR2.VT	1220 lm	394 lm	4000 K	80	13W - 220-240Vac 50/60Hz	I



STANDARD COLOURS



WALL

QUADRA MAX

SPECIFICATIONS



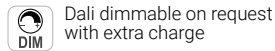
3h Art.1005C:
Built-in 3hrs **Emergency Kit available on request**, reduced power version

- The rated flux values refer to source LED at Ts75°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver

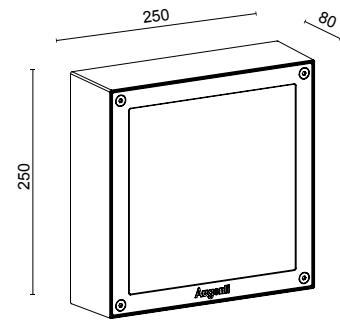


LED SYSTEM WITH BUILT-IN DRIVER

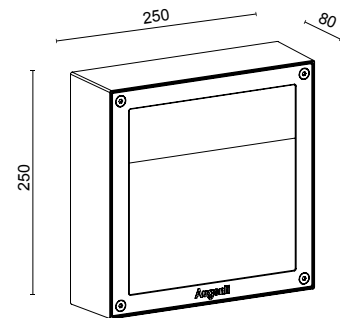
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
1005C/WR6.VS	2840 lm	1995 lm	3000 K	80	20W - 220-240Vac 50/60Hz	I
1005C/NR6.VS	2980 lm	2092 lm	4000 K	80	20W - 220-240Vac 50/60Hz	I



DIMENSIONS



1005C

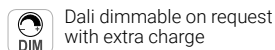


1006W



LED SYSTEM WITH BUILT-IN DRIVER

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	g
1006W/WR6.VS	1920 lm	500 lm	3000 K	80	15W - 220-240Vac 50/60Hz	I	2,60
1006W/NR6.VS	2020 lm	525 lm	4000 K	80	15W - 220-240Vac 50/60Hz	I	2,60



STANDARD COLOURS



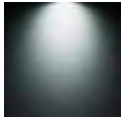
WALL

QUADRA MAX

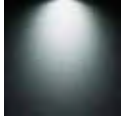
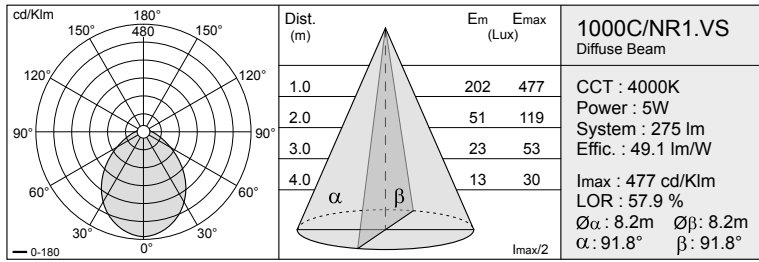


QUADRA MAX

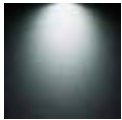
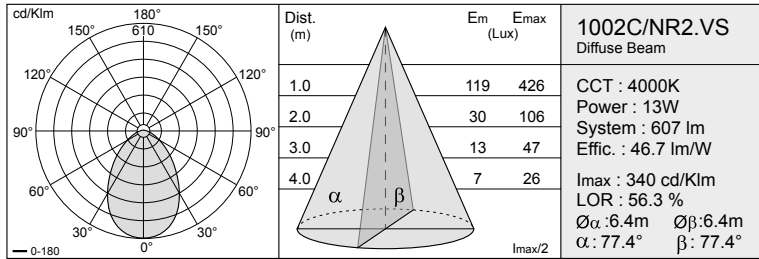
PHOTOMETRICS DATA



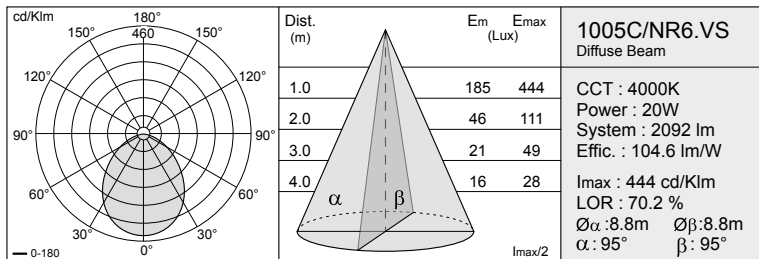
DIFFUSE



DIFFUSE



DIFFUSE



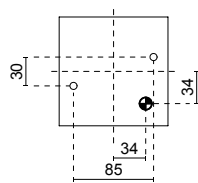
CHARACTERISTICS

- Optical system housing accessible during installation, with LED on wall-mounted anchor plate.
- Mounting system body/plate obtained through screws.
- Power cable entry with internal 3-way terminal block for non-pass-through wiring.
- Power cable allowed up to 1.5mm² three-pole with external sheath max. 11mm.
- LED system with built-in driver.
- Dali dimmable available on request for built-in driver versions
- LED/Driver maintenance by opening the optical compartment.
- Luminaire Conforms to EN60598-1 Standard and special requirements

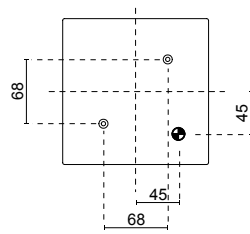
MATERIALS

- Fixture/Base in Die-Cast Aluminium Alloy
- Borosilicate glass with internal acid-etched finish with transmission LT>60%.
- Extra-clear borosilicate glass with LT transmission> 90%.
- Molded gaskets in UV resist. Tx -40/+180°C.
- Integrated passive heat sink made of aluminium alloy
- Internal and external screws in A2 Stainless Steel
- IP65 Megol resin cable gland UV-Resist. GWT850°C
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

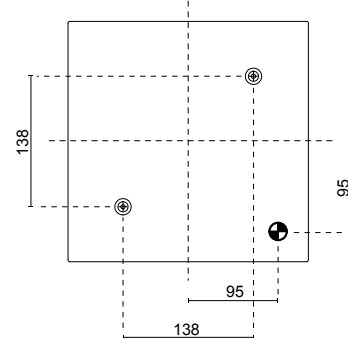
ASSEMBLY



1000-1001



1002C-1003W-1004W



1005C-1006W

UP&DOWN MINI



UP&DOWN MINI



UP&DOWN TOT



UP&DOWN TOT



UP&DOWN



UP&DOWN



UP&DOWN MAXI



UP&DOWN MAXI



UP&DOWN-Q



UP&DOWN-Q



UP&DOWN

LINKED PRODUCTS



UP&DOWN CEILING
Pag. 160



UP&DOWN SMALL POLE
Pag. 382



UP&DOWN URBAN
Pag. 468



WALL

UP&DOWN



APPLICATION



Wall-mounted luminaires configurable in single and double emission, ideal for grazing lighting of external facades. Up & Down is equipped with various secondary optics for controlling the luminous flux, which allow design flexibility through different combinations of direct and indirect emission. The fixture includes the use of LED sources with built-in driver with fixed output or Dali dimmable on request with extra charge.

WALL

UP&DOWN MINI

SPECIFICATIONS



- The rated flux values refer to source LED at Ts80°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Single Emission version can be oriented both upwards and downwards



LED SYSTEM WITH BUILT-IN DRIVER - Single Emission H150 REVIEW

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
7551W/WC0.XX	860 lm	720 lm	3000 K	80	8W - 220-240Vac 50/60Hz	I
7551W/NC0.XX	890 lm	750 lm	4000 K	80	8W - 220-240Vac 50/60Hz	I

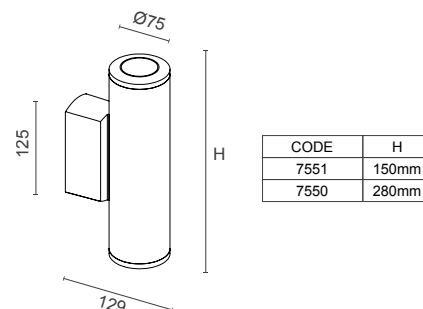
Beam XX :
XX=NB (Flood 10°)
XX=MB (Flood 26°)
XX=WB (Wide Flood 56°)

Single Emission
Clear Glass

Not dimmable



DIMENSIONS



LED SYSTEM WITH BUILT-IN DRIVER - Double Emission H280 REVIEW

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
7550W/WC0.XX	1720 lm	1440 lm	3000 K	80	2x8W - 220-240Vac 50/60Hz	I
7550W/NC0.XX	1780 lm	1500 lm	4000 K	80	2x8W - 220-240Vac 50/60Hz	I

Beam XX :
XX=NB (Flood 10°+10°)
XX=MB (Flood 26°+26°)
XX=WB (Wide Flood 56°+56°)
XX=NW (Double Flood 10°+56°)

Double Emission
Clear Glass

Not dimmable

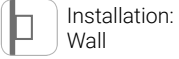
STANDARD COLOURS



WALL

UP&DOWN TOT

SPECIFICATIONS



- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver



LED SYSTEM WITH BUILT-IN DRIVER - Single Emission H275

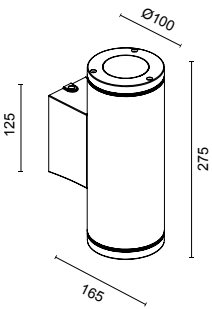
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
210-...LDx3	1590 lm	1110 lm	3000 K	80	15W - 220-240Vac 50/60Hz	I
210-...LDx4	1650 lm	1170 lm	4000 K	80	15W - 220-240Vac 50/60Hz	I

Beam X:
X=N (Spot 10°)
X=M (Flood 26°)
X=W (Wide Flood 56°)

Single Emission
Clear Glass

DALI dimmable on request
with extra charge

DIMENSIONS



LED SYSTEM WITH BUILT-IN DRIVER - Double Emission H275

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
211-...LDx3	3180 lm	2220 lm	3000 K	80	2x15W - 220-240Vac 50/60Hz	I
211-...LDx4	3300 lm	2340 lm	4000 K	80	2x15W - 220-240Vac 50/60Hz	I

Beam X:
X=N (Spot 10°+10°)
X=M (Flood 26°+26°)
X=W (Wide Flood 56°+56°)

Double Emission
Clear Glass

DALI dimmable on request
with extra charge

STANDARD COLOURS





WALL

UP&DOWN

SPECIFICATIONS



Installation:
Wall

- The rated flux values refer to source LED at Ts80°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- Single Emission version can be oriented both upwards and downwards

LED SYSTEM WITH BUILT-IN DRIVER - Single Emission H280

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
7501W/WC3.XX	2530 lm	2213 lm	3000 K	80	17W - 220-240Vac 50/60Hz	I
7501W/NC3.XX	2670 lm	2324 lm	4000 K	80	17W - 220-240Vac 50/60Hz	I

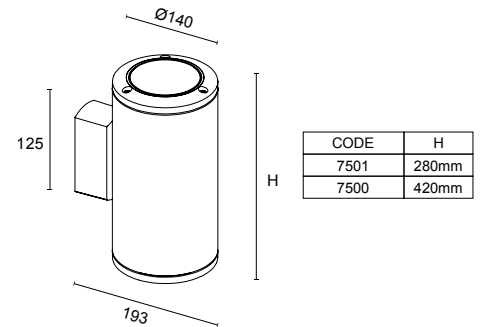
Beam XX:
XX=NB (Flood 16°)
XX=MB (Flood 29°)
XX=WB (Wide Flood 48°)

Single Emission
Clear Glass

Dali dimmable on request
with extra charge



DIMENSIONS



LED SYSTEM WITH BUILT-IN DRIVER - Double Emission H420

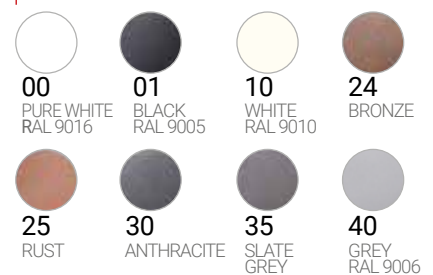
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
7500W/WC3.XX	5060 lm	4050 lm	3000 K	80	2x17W - 220-240Vac 50/60Hz	I
7500W/NC3.XX	5340 lm	4270 lm	4000 K	80	2x17W - 220-240Vac 50/60Hz	I

Beam XX:
XX=NB (Flood 16°+16°)
XX=MB (Flood 29°+29°)
XX=WB (Wide Flood 48°+48°)

Double Emission
Clear Glass

Dali dimmable on request
with extra charge

STANDARD COLOURS



WALL

UP&DOWN MAXI

SPECIFICATIONS



- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- Single Emission version can be oriented both upwards and downwards



LED SYSTEM WITH BUILT-IN DRIVER - Single Emission H330

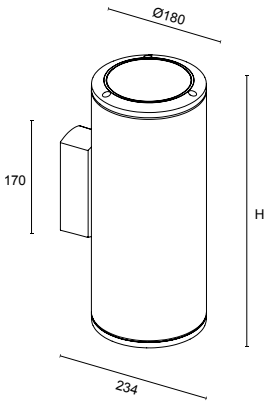
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
7451W/WC3.XX	3850 lm	3150 lm	3000 K	80	25W - 220-240Vac 50/60Hz	I
7451W/NC3.XX	4050 lm	3320 lm	4000 K	80	25W - 220-240Vac 50/60Hz	I

Beam XX :
 XX=NB (Flood 16°)
 XX=MB (Flood 29°)
 XX=WB (Wide Flood 48°)

Single Emission
 Clear Glass

Dali dimmable on request
 with extra charge

DIMENSIONS



CODE	H
7451	330mm
7450	530mm



STANDARD COLOURS



LED SYSTEM WITH BUILT-IN DRIVER - Double Emission H530

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
7450W/WC3.XX	7700 lm	6080 lm	3000 K	80	2x25W - 220-240Vac 50/60Hz	I
7450W/NC3.XX	8100 lm	6400 lm	4000 K	80	2x25W - 220-240Vac 50/60Hz	I

Beam XX :
 XX=NB (Flood 16°+16°)
 XX=MB (Flood 29°+29°)
 XX=WB (Wide Flood 48°+48°)

Double Emission
 Clear Glass

Dali dimmable on request
 with extra charge

UP&DOWN

PHOTOMETRICS DATA



	Dist. (m)	Em (Lux)	E _{max} (Lux)	7450W/NC3.NB Spot CCT : 4000K Power : 50W System : 6592 lm Effic. : 131.8 lm/W I _{max} : 3170 cd/Klm LOR : 81.4 % Ø _α : 1.5m Ø _β : 1.5m α : 16.4° β : 16.4°
	1.0	2174	3170	
	2.0	544	792	
	3.0	241	351	
	4.0	136	198	
	5.0	86	126	



	Dist. (m)	Em (Lux)	E _{max} (Lux)	7450W/NC3.MB Flood CCT : 4000K Power : 50W System : 6400 lm Effic. : 128 lm/W I _{max} : 3078 cd/Klm LOR : 79 % Ø _α : 2.7m Ø _β : 2.7m α : 29.9° β : 29.9°
	1.0	2110	3078	
	2.0	528	769	
	3.0	235	341	
	4.0	132	193	
	5.0	84	123	



	Dist. (m)	Em (Lux)	E _{max} (Lux)	7450W/NC3.WB Wide Flood CCT : 4000K Power : 50W System : 6420 lm Effic. : 128.4 lm/W I _{max} : 3087 cd/Klm LOR : 79.3 % Ø _α : 4.4m Ø _β : 4.4m α : 47.8° β : 47.8°
	1.0	2117	3087	
	2.0	529	771	
	3.0	235	342	
	4.0	132	193	
	5.0	84	123	



	Dist. (m)	Em (Lux)	E _{max} (Lux)	7500W/NC3.NB Spot CCT : 4000K Power : 34W System : 4192 lm Effic. : 122.6 lm/W I _{max} : 2497 cd/Klm LOR : 78.5 % Ø _α : 1.5m Ø _β : 1.5m α : 16.4° β : 16.4°
	1.0	1712	2497	
	2.0	428	624	
	3.0	190	277	
	4.0	107	156	
	5.0	68	100	



	Dist. (m)	Em (Lux)	E _{max} (Lux)	7500W/NC3.MB Flood CCT : 4000K Power : 34W System : 4270 lm Effic. : 119 lm/W I _{max} : 2424 cd/Klm LOR : 76.2 % Ø _α : 2.7m Ø _β : 2.7m α : 29.9° β : 29.9°
	1.0	1662	2424	
	2.0	416	606	
	3.0	185	269	
	4.0	104	152	
	5.0	66	97	



	Dist. (m)	Em (Lux)	E _{max} (Lux)	7500W/NC3.WB Wide Flood CCT : 4000K Power : 34W System : 4082 lm Effic. : 119.3 lm/W I _{max} : 2431 cd/Klm LOR : 76.4 % Ø _α : 4.4m Ø _β : 4.4m α : 47.8° β : 47.8°
	1.0	1667	2431	
	2.0	417	608	
	3.0	186	270	
	4.0	60	152	
	5.0	38	97	



	Dist. (m)	Em (Lux)	E _{max} (Lux)	7550W/NC0.MB Flood CCT : 4000K Power : 17W System : 1750 lm Effic. : 102.9 lm/W I _{max} : 2040 cd/Klm LOR : 72.9 % Ø _α : 3m Ø _β : 3m α : 40.3° β : 40.3°
	1.0	1417	2040	
	2.0	354	510	
	3.0	157	227	
	4.0	88	127	
	5.0	57	82	

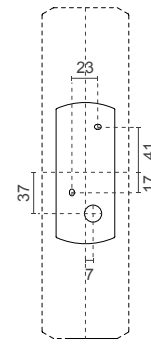
CHARACTERISTICS

- Wall-mounted system with base fitted with disconnect switch for quick connection/release
- Independent Optic/driver housing not accessible during installation
- LED/Driver maintenance by opening the optical compartment (3 screws).
- Fixed or Dali dimmable system for monochromatics LEDs.
- Luminaire Conforms to EN60598-1 Standard and special requirements

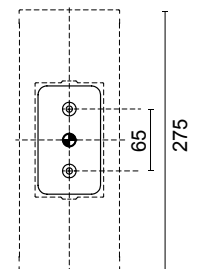
MATERIALS

- Sub-bearing base/Base in Die-Cast Aluminium Alloy
- Body in extrusion aluminium alloy.
- Float glass extra clear th=6mm - LTF transmission > 90%.
- Seals in EDPM closed cell rubber, UV- resist. Tx -40/+150°C.
- Passive heat sink in extrusion aluminium alloy.
- Internal and external screws in A2 Stainless Steel
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

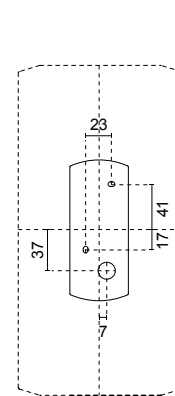
ASSEMBLY



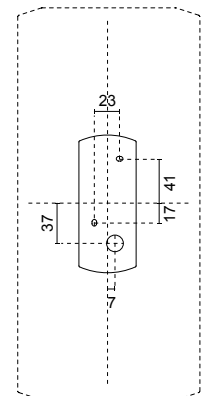
7550W - 7551W



210 - 211



7500W - 7501W



7450W - 7451W

UP&DOWN-Q



APPLICATION



Wall-mounted luminaire configurable in single and double emission, ideal for grazing lighting of external facades. Up & Downd-Q is equipped with various secondary optics for controlling the luminous flux, which allow design flexibility through different combinations of direct and indirect emission. The fixture includes the use of LED sources with built-in driver with fixed output or Dali dimmable on request with extra charge.

WALL

UP&DOWN-Q

SPECIFICATIONS



- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- Single Emission version can be oriented both upwards and downwards



LED SYSTEM WITH BUILT-IN DRIVER - Single Emission H185

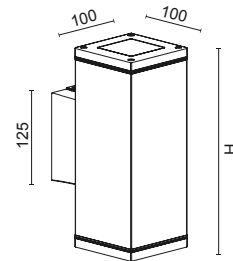
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
9812W/WC0.XX	1785 lm	1285 lm	3000 K	80	14W - 220-240Vac 50/60Hz	I
9812W/NC0.XX	1868 lm	1345 lm	4000 K	80	14W - 220-240Vac 50/60Hz	I

Beam XX :
 XX=NB (Flood 18°)
 XX=MB (Flood 29°)
 XX=WB (Wide Flood 38°)

Single Emission
 Clear Glass

Dali dimmable on request
 with extra charge

DIMENSIONS



CODE	H
9812	185mm
9810	275mm



LED SYSTEM WITH BUILT-IN DRIVER - Double Emission H275

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
9810W/WC0.XX	3570 lm	2424 lm	3000 K	80	2x14W - 220-240Vac 50/60Hz	I
9810W/NC0.XX	3735 lm	2532 lm	4000 K	80	2x14W - 220-240Vac 50/60Hz	I

Beam XX :
 XX=NB (Flood 18°+18°)
 XX=MB (Flood 29°+29°)
 XX=WB (Wide Flood 38°+38°)

Double Emission
 Clear Glass

Dali dimmable on request
 with extra charge

STANDARD COLOURS



WALL

UP&DOWN-Q



UP&DOWN-Q

CHARACTERISTICS

- Wall system with base equipped with power supply terminal separated from the optical compartment.
- Independent Optic/driver housing not accessible during installation
- LED/Driver maintenance by opening the optical compartment (4 screws).
- Fixed or Dali dimmable system for monochromatics LEDs.
- Luminaire Conforms to EN60598-1 Standard and special requirements

MATERIALS

- Sub-bearing base/Base in Die-Cast Aluminium Alloy
- Body in extrusion aluminium alloy.
- Float glass extra clear th=6mm - LTF transmission > 90%.
- Seals in EDPM closed cell rubber, UV- resist. Tx -40/+150°C.
- Passive heat sink in extrusion aluminium alloy.
- Internal and external screws in A2 Stainless Steel
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

PHOTOMETRICS DATA



Dist. (m)	Em (Lux)	E _{max} (Lux)	9810W/WC0.NB Spot CCT : 3000K Power : 28W System : 2346 lm Effic. : 83.8 lm/W I _{max} : 5183 cd/Klm LOR : 68.3 % Ø _α : 1.6m Ø _β : 1.6m α : 18.4° β : 18.4°
1.0	3806	5183	
2.0	951	1295	
3.0	423	576	
4.0	238	324	
5.0	152	207	

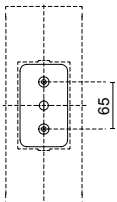


Dist. (m)	Em (Lux)	E _{max} (Lux)	9810W/WC0.MB Flood CCT : 3000K Power : 28W System : 2424 lm Effic. : 82.1 lm/W I _{max} : 3055 cd/Klm LOR : 66.8 % Ø _α : 2.6m Ø _β : 2.6m α : 29.8° β : 29.8°
1.0	2040	3055	
2.0	510	764	
3.0	227	339	
4.0	127	191	
5.0	82	122	



Dist. (m)	Em (Lux)	E _{max} (Lux)	9810W/WC0.WB Wide Flood CCT : 3000K Power : 28W System : 2240 lm Effic. : 80 lm/W I _{max} : 2171 cd/Klm LOR : 65.1 % Ø _α : 3.6m Ø _β : 3.6m α : 38.6° β : 38.6°
1.0	1408	2171	
2.0	352	543	
3.0	156	241	
4.0	88	136	
5.0	56	87	

ASSEMBLY

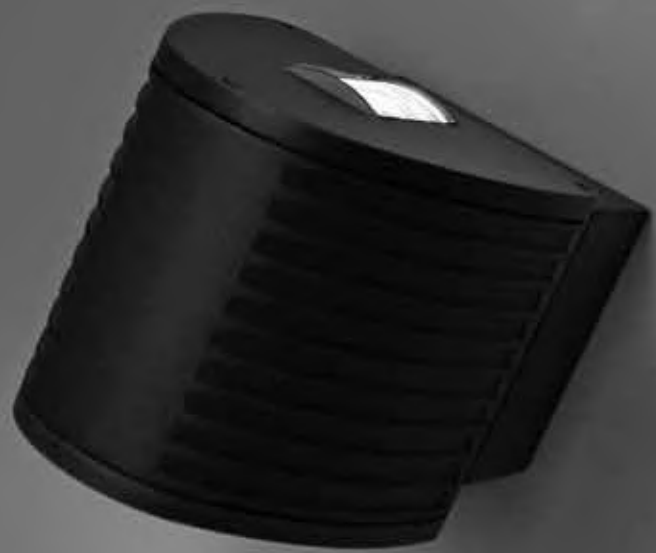


9810W - 9812W

OPTIKA

OPTIKA





WALL

OPTIKA



APPLICATION



Optika is a fitting suitable for stage lighting of walls, which makes compactness its strong point. A non-invasive fixture that can be integrated into any context and that allows you to create plays of light through a skilful use of lenses and diffusers, offering designers various solutions for different application needs. Available in both single and double emission versions, Optika is structured in such a way as to allow the interchange of narrow and wide beam by simply moving the covers without having to disassemble the device itself.

Made entirely of die-cast aluminum, it offers a high degree of protection IP65 and the use of electronic components, with the possibility of Dali dimming.

WALL

OPTIKA

SPECIFICATIONS



- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- Single Emission version can be oriented both upwards and downwards



LED SYSTEM WITH BUILT-IN DRIVER - Single Emission

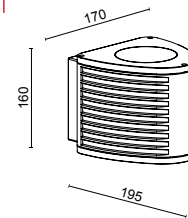
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
7100W/WC2.XX	2530 lm	2213 lm	3000 K	80	17W - 220-240Vac 50/60Hz	I
7100W/NC2.XX	2670 lm	2324 lm	4000 K	80	17W - 220-240Vac 50/60Hz	I

Beam XX:
XX=N0 (Spot 13°)
XX=M0 (Flood 30°)
XX=W0 (Wide Flood 49°)

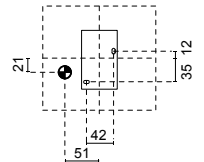
Single Emission

Dali dimmable on request with extra charge

DIMENSIONS



ASSEMBLY



LED DIRECT AC SYSTEM

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
7100W/WR3.V0	1190 lm	1011 lm	3000 K	80	13W - 220-240Vac 50/60Hz	I
7100W/NR3.V0	1210 lm	1028 lm	4000 K	80	13W - 220-240Vac 50/60Hz	I
7100W/WR3.V2	2380 lm	2020 lm	3000 K	80	2x13W - 220-240Vac 50/60Hz	I
7100W/NR3.V2	2420 lm	2056 lm	4000 K	80	2x13W - 220-240Vac 50/60Hz	I

Beam >110°

V0
Single Diffuse Emission
Clear Glass

Not dimmable

V2
Double Diffuse Emission
Clear Glass

CHARACTERISTICS

- Optical system housing accessible during installation, with LED on wall-mounted anchor plate.
- Mounting system body/plate obtained through integrated hinge and locking screw.
- Lateral power cable entry with external 3-way terminal block for non-pass-through wiring IP55
- Power cable allowed up to 1.5mmq tripolar with external sheath max 10mm.
- LED/Driver maintenance by opening the optical compartment.
- Luminaire Conforms to EN60598-1 Standard and special requirements

MATERIALS

- Fixture/Base in Die-Cast Aluminium Alloy
- Extra-clear sheet glass with LTF transmission>90%.
- Glass gasket in NBR rubber - Tx-25/+140°C UV resist.
- Integrated passive heat sink made of aluminium alloy
- Internal and external screws in A2 Stainless Steel
- IP55 cable gland Polystyrene UV Resist. GWT850°.
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

STANDARD COLOURS



PINUP



PINUP



WALL
PINUP



APPLICATION



Pinup is a highly professional luminaire, with an elegant and clean design, expressly dedicated to the architectural lighting of facades, entrances and any element you want to highlight.

Available in both single and double emission, Pinup has a unique feature: an opening of light which, illuminating only the cover of the luminaire, allows the perception of its sinuous shapes during the night, thus allowing its design to express itself not only through form but also through the light that draws it in its parts. It is made entirely of die-cast aluminum and offers a high degree of protection IP65.



WALL

PINUP

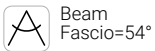
SPECIFICATIONS



- The rated flux values refer to source LED at Ts65°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver

LED SYSTEM WITH BUILT-IN DRIVER

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
7000W/WC4.V0	1920 lm	1630 lm	3000 K	80	15W - 220-240Vac 50/60Hz	I
7000W/NC4.V0	2020 lm	1715 lm	4000 K	80	15W - 220-240Vac 50/60Hz	I
7000W/WC4.V1	3840 lm	3260 lm	3000 K	80	2x15W - 220-240Vac 50/60Hz	I
7000W/NC4.V1	4040 lm	3430 lm	4000 K	80	2x15W - 220-240Vac 50/60Hz	I



Beam Fascio=54°



V0
Single Diffuse Emission
Acid-frosted Glass



Dali dimmable on request
with extra charge

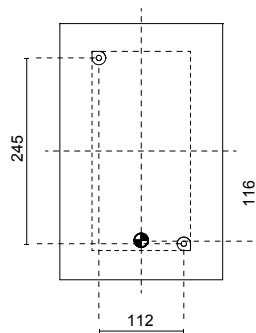


V1
Double Diffuse Emission
Frosted Glass

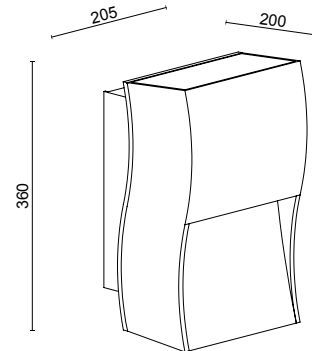
CHARACTERISTICS

- Optical system housing accessible during installation, with LED on wall-mounted anchor plate.
- Power cable entry via cable gland and wiring with internal 3-way terminal block for non-pass-through wiring
- Power cable allowed up to 1.5mmq tripolar with external sheath max 11mm.
- LED/Driver maintenance by opening the optical compartment.
- Luminaire Conforms to EN60598-1 Standard and special requirements

ASSEMBLY



DIMENSIONS



MATERIALS

- Fixture/Base in Die-Cast Aluminium Alloy
- Extra-clear sheet glass with LTF transmission > 90% Screen printed internally.
- Glass gasket in neutral cross-linking silicone glue - Tx-50/+250°C UV resist.
- Integrated passive heat sink made of aluminium alloy
- Internal and external screws in A2 Stainless Steel
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

STANDARD COLOURS



ANTARES

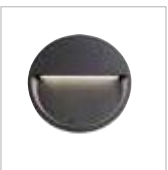
ANTARES ROUND



ANTARES SQUARE



LINKED PRODUCTS



ANTARES RECESSED
Pag. 228



ANTARES ROUND



APPLICATION



Round and square-shaped wall luminaire, characterized by an asymmetrical emission that makes it ideal for lighting walkways, pedestrian paths and all those applications where an adequate level of visibility on the horizontal plane is primarily required. Dali dimmable on request with extra charge.

WALL

ANTARES ROUND

SPECIFICATIONS



Installation:
Wall

- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver



LED SYSTEM WITH BUILT-IN DRIVER

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
8420W/WR35VT	1800 lm	630 lm	3000	80	13W - 220-240Vac 50/60Hz	I
8420W/NR35VT	1890 lm	665 lm	4000	80	13W - 220-240Vac 50/60Hz	I



Beam
>35°

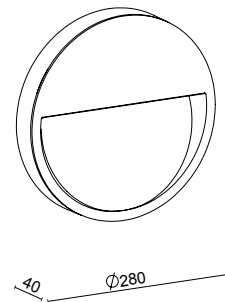


Asymmetric Emission
Acid-frosted Glass



Dali dimmable on request
with extra charge

DIMENSIONS



STANDARD COLOURS



ANTARES SQUARE

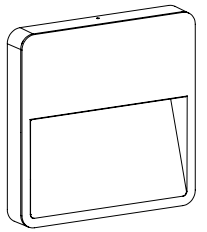
SPECIFICATIONS



- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver



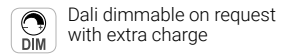
DIMENSIONS



40 280

LED SYSTEM WITH BUILT-IN DRIVER

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
8430W/WR35VT	1800 lm	630 lm	3000	80	13W - 220-240Vac 50/60Hz	I
8430W/NR35VT	1890 lm	665 lm	4000	80	13W - 220-240Vac 50/60Hz	I

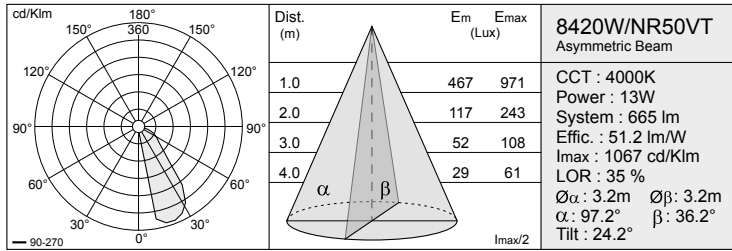


STANDARD COLOURS



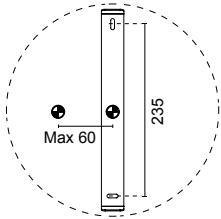
ANTARES

PHOTOMETRICS DATA

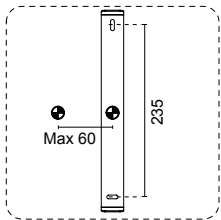


- Independent optical compartment not accessible during installation, with wall fixing plate.
- LED maintenance by opening the optical compartment - Augenti proprietary module not compatible with Zhaga.
- Driver maintenance by opening the optical compartment.
- Body / plate coupling system obtained by means of interlocking and locking screws.
- Luminaire supplied with power cable type H05RN-F 3x1mmq Length 300mm
- Connection to the power supply through crimp connectors and insulation with heat shrinkable sheaths (standard equipment)
- Available with separate built-in driver, with the possibility of Dali dimming
- Appliance Complies with EN60598-1 Standard and special requirements

ASSEMBLY



8420W



8430W

MATERIALS

- Extra-clear Float glass s = 4mm with silk-screen printing
- Die-cast aluminum body
- Heatsink integrated into the die-cast aluminum fixture
- EPDM rubber gaskets Tmax 120 ° C resistant to UV rays
- Flush-mounting box in AISI430F stainless steel
- Brackets (internal / external) in AISI430F stainless steel
- A2 stainless steel screws
- Corrosion and salt spray resistant polyester powder coating (ISO7523)

GEO 180



GEO 280



GEO 280



GEO

GEO 380





WALL
GEO



APPLICATION



Surface-mounted luminaires suitable for wall and ceiling installation, available in three sizes with diffusing screen and with upward light shielding element. The curved diffuser follows the line of the aluminum body, thus giving a visual compactness to the luminaire, and a very limited protrusion with respect to the installation plane. The structure is entirely in die-cast aluminum and houses LED sources with built-in driver. Versions available with Emergency Kit or Dali dimmable on request with extra charge.

WALL

GEO 180

SPECIFICATIONS



- The rated flux values refer to source LED at Ts75°C / ta25°C
- The Power/Flux in the table refer to maximum installable value



LED DIRECT AC SYSTEM

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
8220C/WR1.PO	680 lm	307 lm	3000 K	80	9W - 220-240Vac 50/60Hz	I
8220C/NR1.PO	800 lm	361 lm	4000 K	80	9W - 220-240Vac 50/60Hz	I

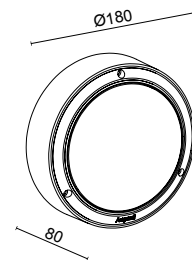


Diffuse Emission
Opal Polycarbonate
GW850°C



Not dimmable

DIMENSIONS



STANDARD COLOURS



WALL

GEO 280

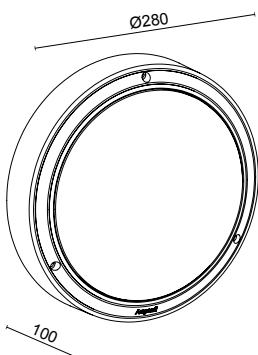
SPECIFICATIONS



- The rated flux values refer to source LED at Ts75°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver



DIMENSIONS



LED SYSTEM WITH BUILT-IN DRIVER

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
8210C/WC3.PO	2040 lm	1535 lm	3000 K	80	19W - 220-240Vac 50/60Hz	I
8210C/NC3.PO	2140 lm	1600 lm	4000 K	80	19W - 220-240Vac 50/60Hz	I

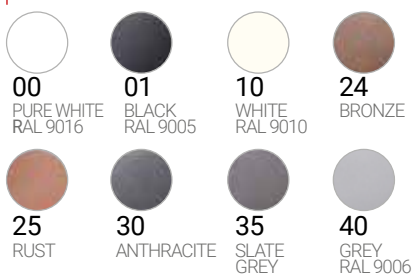


Diffuse Emission
Opal Polycarbonate
GW850°C



Dali dimmable on request
with extra charge

STANDARD COLOURS



WALL

GEO 280

SPECIFICATIONS



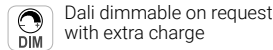
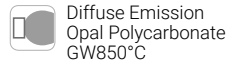
3h Art. 8211C:
Built-in 3hrs **Emergency Kit available on request**, reduced power version

- The rated flux values refer to source LED at Ts75°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver

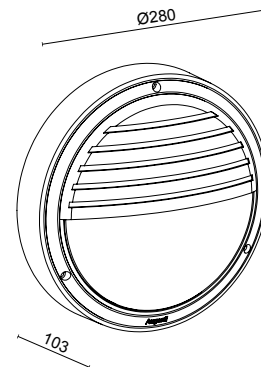


LED SYSTEM WITH BUILT-IN DRIVER

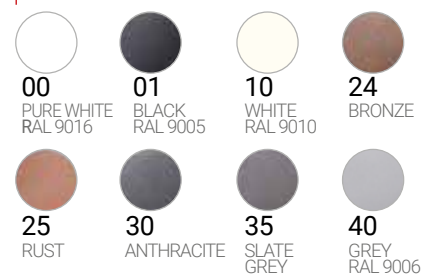
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
8211C/WC3.PO	2040 lm	970 lm	3000 K	80	19W - 220-240Vac 50/60Hz	I
8211C/NC3.PO	2140 lm	1010 lm	4000 K	80	19W - 220-240Vac 50/60Hz	I



DIMENSIONS



STANDARD COLOURS



WALL

GEO 380

SPECIFICATIONS



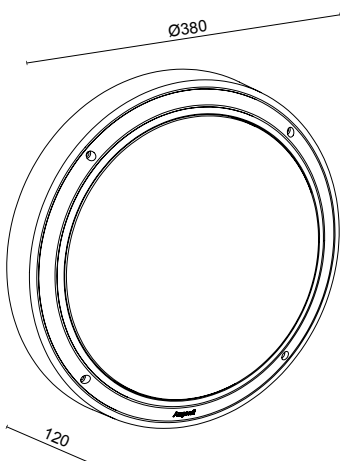
Installation:
Wall/Ceiling

Art. 8200C:
Built-in 3hrs **Emergency Kit available on request**, reduced power version

- The rated flux values refer to source LED at Ts65°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver



DIMENSIONS



LED SYSTEM WITH BUILT-IN DRIVER

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
8200C/WR4.PO	3830 lm	1690 lm	3000 K	80	29W - 220-240Vac 50/60Hz	I
8200C/NR4.PO	4010 lm	1771 lm	4000 K	80	29W - 220-240Vac 50/60Hz	I

Beam >110°

Diffuse Emission
Opal Polycarbonate
GW850°C

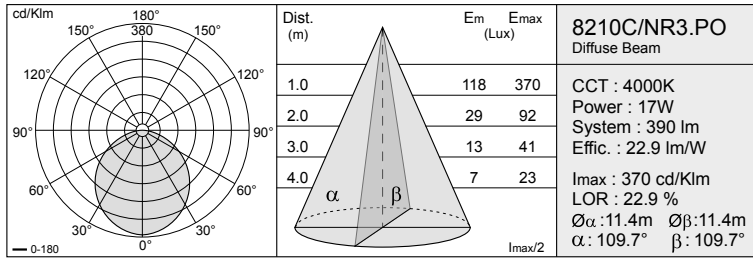
Dali dimmable on request
with extra charge

STANDARD COLOURS

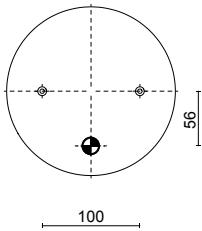


GEO

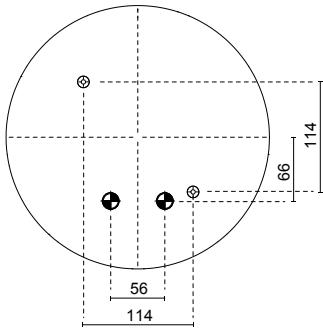
PHOTOMETRICS DATA



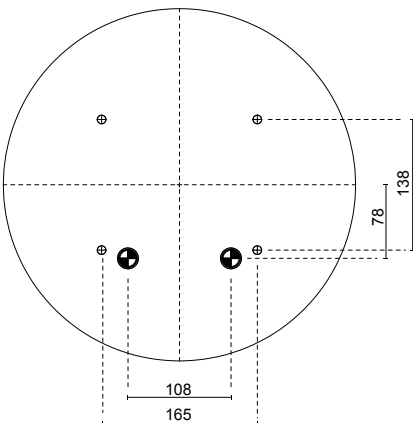
ASSEMBLY



8220C



8210C - 8211C



8200C

CHARACTERISTICS

- Optical system housing accessible during installation, with LED on wall-mounted anchor plate.
- LED/Driver maintenance achievable with direct access to the optical compartment.
- Version available with mains voltage LED DIRECT AC system or with separate, built-in driver, with the possibility of Dali dimming and 3h SA emergency kit
- Luminaire Conforms to EN60598-1 Standard and special requirements

MATERIALS

- Body in Die-Cast Aluminium Alloy
- Diffuser in Opal Polycarbonate (GWT850 - LTF> 45%) or Satin (GWT960 - LTF> 60%)
- Seals in EDPM closed cell rubber, UV- resist. Tx -40/+150°C.
- Passive heatsink in aluminum alloy for extrusion.
- Internal and external screws in A2 Stainless Steel
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

TWIN

TWIN MINI



TWIN

TWIN

TWIN MINI





WALL
TWIN



APPLICATION



"Surface-mounted luminaire suitable for both outdoor and indoor environments. Available in two different sizes and decorations of the ring, Twin has the peculiar characteristic of illuminating the surrounding surface through two side openings, not easily visible when installed but which give better visibility during ignition.

In this way, not only the effects of glare are limited, also through the use of opalescent screens, but the overall visual perception is improved by decreasing the contrast between the luminaire and the installation base. The equipment includes the use of LED systems with electronic power supply. Also available in the larger version with an emergency system up to 3h."



WALL

TWIN MINI

SPECIFICATIONS



Installation:
Wall/Ceiling

- The rated flux values refer to source LED at Ts75°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver

LED SYSTEM WITH BUILT-IN DRIVER

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
8100C/WC3.XX	1750 lm	595 lm	3000 K	80	13W - 220-240Vac 50/60Hz	I
8100C/NC3.XX	1850 lm	630 lm	4000 K	80	13W - 220-240Vac 50/60Hz	I



Beam
>110°



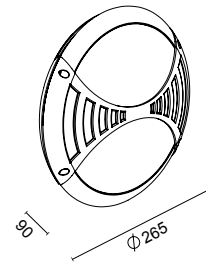
Diffuse Emission
XX= PO Opal Polycarbonate
XX= PS Frosted Polycarbonate



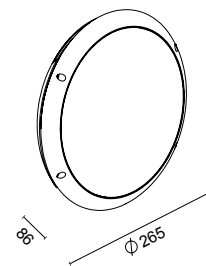
Dali dimmable on request
with extra charge



DIMENSIONS



8100C



8101C

LED SYSTEM WITH BUILT-IN DRIVER

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
8101C/WC3.XX	1750 lm	774 lm	3000 K	80	13W - 220-240Vac 50/60Hz	I
8101C/NC3.XX	1850 lm	818 lm	4000 K	80	13W - 220-240Vac 50/60Hz	I



Beam
>110°



Diffuse Emission
XX= PO Opal Polycarbonate
XX= PS Frosted Polycarbonate



Dali dimmable on request
with extra charge

STANDARD COLOURS



TWIN

SPECIFICATIONS

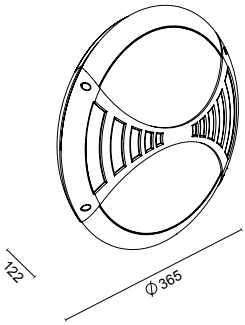


Installation:
Wall/Ceiling

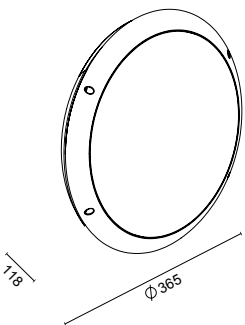
Art. 8000/8001:
Built-in 3hrs **Emergency Kit available on request**, reduced power version

- The rated flux values refer to source LED at Ts65°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver

DIMENSIONS

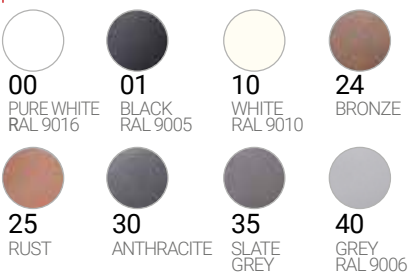


8000C



8001C

STANDARD COLOURS



LED SYSTEM WITH BUILT-IN DRIVER

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
8000C/WR3.XX	3830 lm	1302 lm	3000 K	80	29W - 220-240Vac 50/60Hz	I
8000C/NR3.XX	4010 lm	1363 lm	4000 K	80	29W - 220-240Vac 50/60Hz	I



Beam >110°



Diffuse Emission
XX= PO Opal Polycarbonate
XX= PS Frosted Polycarbonate



Dali dimmable on request with extra charge



LED SYSTEM WITH BUILT-IN DRIVER

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
8001C/WR3.XX	3830 lm	1690 lm	3000 K	80	29W - 220-240Vac 50/60Hz	I
8001C/NR3.XX	4010 lm	1771 lm	4000 K	80	29W - 220-240Vac 50/60Hz	I



Beam >110°



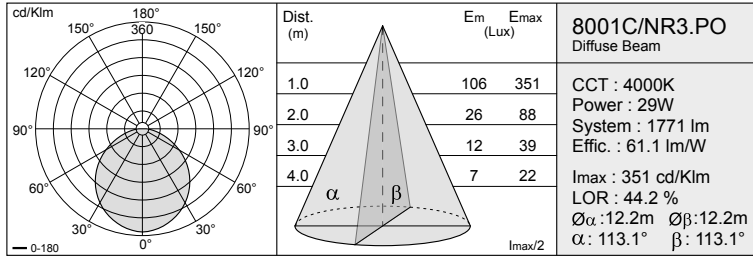
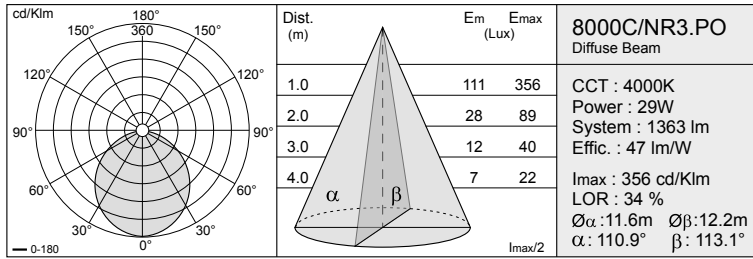
Diffuse Emission
XX= PO Opal Polycarbonate
XX= PS Frosted Polycarbonate



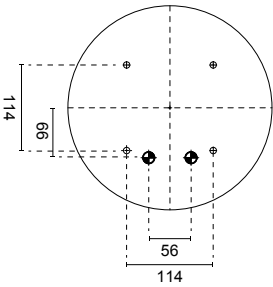
Dali dimmable on request with extra charge

TWIN

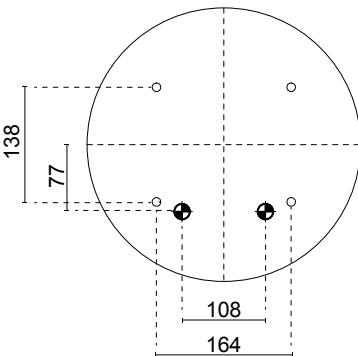
PHOTOMETRICS DATA



ASSEMBLY



8220C



8220C

CHARACTERISTICS

- Optical system housing accessible during installation, with LED on wall-mounted anchor plate.
- LED/Driver maintenance achievable with direct access to the optical compartment.
- Available Dali dimming and 3h SA emergency kit
- Luminaire Conforms to EN60598-1 Standard and special requirements

MATERIALS

- Body in Die-Cast Aluminium Alloy
- Diffuser in Opal Polycarbonate (GWT850 - LTF > 45%) or Satin (GWT960 - LTF > 60%)
- Seals in EDPM closed cell rubber, UV- resist. Tx -40/+150°C.
- Passive heatsink in aluminum alloy for extrusion.
- Internal and external screws in A2 Stainless Steel
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

HELIOS



HELIOS



HELIOS



WALL

HELIOS



APPLICATION



Surface-mounted luminaire suitable for wall and ceiling installation, available in two versions, one with a diffusing screen and the other with an upward light shielding element. The curved diffuser faithfully follows the line of the aluminum body, thus giving a visual compactness and a very limited protrusion with respect to the installation plane. The structure is entirely in die-cast aluminum and houses LED sources with electronic power supply

CHARACTERISTICS

- Optical system housing accessible during installation, with LED on wall-mounted anchor plate.
- LED maintenance achievable with direct access to the optical compartment.
- Available with mains voltage LED DIRECT AC system (direct power supply)
- Luminaire Conforms to EN60598-1 Standard and special requirements

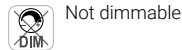
MATERIALS

- Body in Die-Cast Aluminium Alloy
- Opal Polycarbonate diffuser GWT850 - LTF>45%
- Seals in EDPM closed cell rubber, UV- resist. Tx -40/+150°C.
- Passive heatsink in aluminum alloy for extrusion.
- Internal and external screws in A2 Stainless Steel
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.



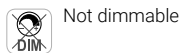
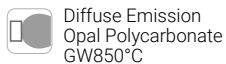
LED DIRECT AC SYSTEM

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
8300C/WR3.PO	1020 lm	320 lm	3000 K	80	13W - 220-240Vac 50/60Hz	I
8300C/NR3.PO	1200 lm	379 lm	4000 K	80	13W - 220-240Vac 50/60Hz	I

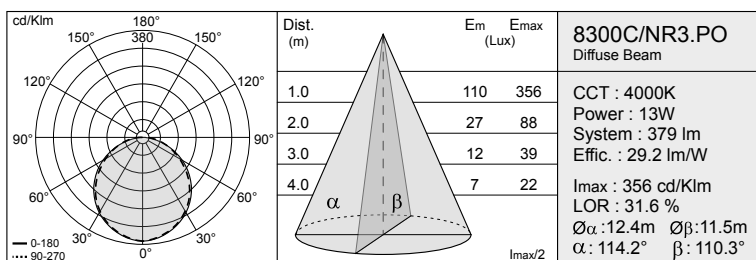


LED DIRECT AC SYSTEM

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
8301C/WR3.PO	1020 lm	288 lm	3000 K	80	13W - 220-240Vac 50/60Hz	I
8301C/NR3.PO	1200 lm	340 lm	4000 K	80	13W - 220-240Vac 50/60Hz	I



PHOTOMETRICS DATA



WALL

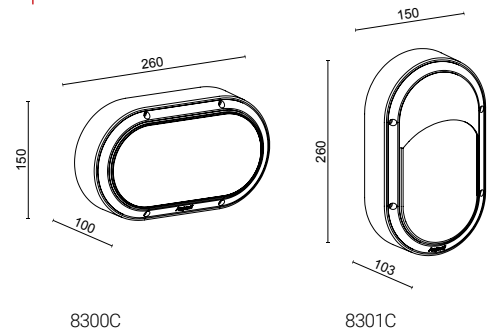
HELIOS

SPECIFICATIONS

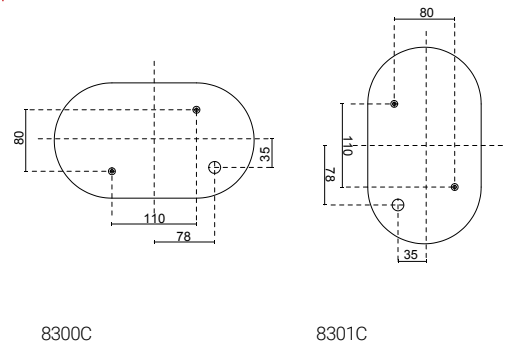


- The rated flux values refer to source LED at Ts75°C / ta25°C
- The Power/Flux in the table refer to maximum installable value

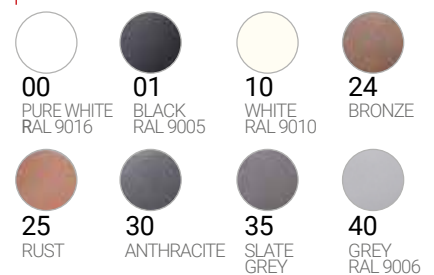
DIMENSIONS



ASSEMBLY



STANDARD COLOURS



SCUDO



SCUDO

SCUDO MAXI





WALL
SCUDO



APPLICATION



Wall luminaire with LED system suitable for indoor and outdoor installation.
It is configured in two different sizes, open diffused and with a lid for light shielding.
Equipped with an SMD LED system with fixed or dimmable Dali output driver

WALL

SCUDO

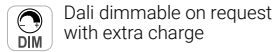
SPECIFICATIONS



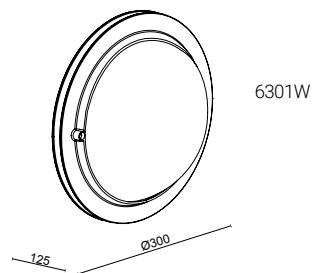
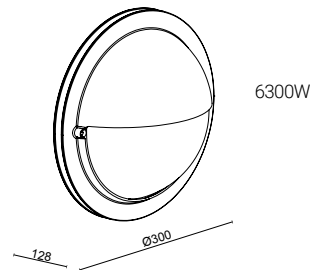
- The rated flux values refer to source LED at Ts75°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver

LED SYSTEM WITH BUILT-IN DRIVER

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
6300W/WC3.XX	2040 lm	462 lm	3000 K	80	19W - 220-240Vac 50/60Hz	I
6300W/NC3.XX	2140 lm	490 lm	4000 K	80	19W - 220-240Vac 50/60Hz	I

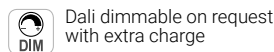
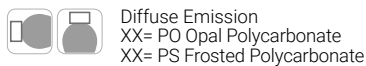


DIMENSIONS

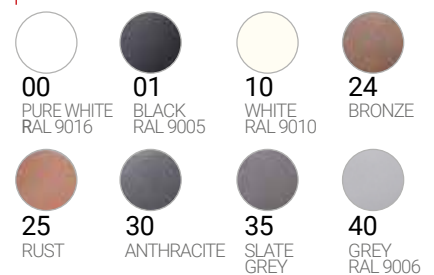


LED SYSTEM WITH BUILT-IN DRIVER

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
6301W/WC3.XX	2040 lm	1535 lm	3000 K	80	19W - 220-240Vac 50/60Hz	I
6301W/NC3.XX	2140 lm	1600 lm	4000 K	80	19W - 220-240Vac 50/60Hz	I



STANDARD COLOURS



WALL

SCUDO MAXI

SPECIFICATIONS



Installation:
Wall

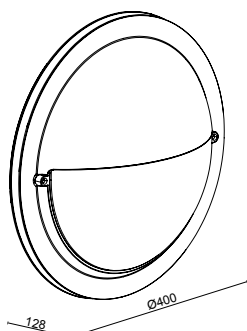


Art. 6350:
Built-in 3hrs **Emergency Kit available on request**, reduced power version

- The rated flux values refer to source LED at Ts65°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver



DIMENSIONS



LED SYSTEM WITH BUILT-IN DRIVER

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
6350W/WC3.PS	3830 lm	1302 lm	3000 K	80	29W - 220-240Vac 50/60Hz	I
6350W/NC3.PS	4010 lm	1363 lm	4000 K	80	29W - 220-240Vac 50/60Hz	I



Beam
>110°

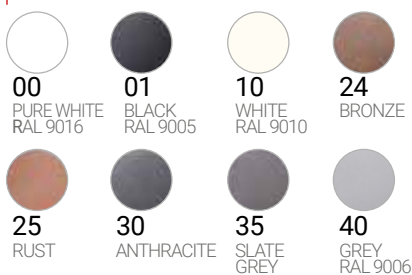


Single Diffuse Emission
Frosted Polycarbonate



Dali dimmable on request
with extra charge

STANDARD COLOURS



WALL

SCUDO

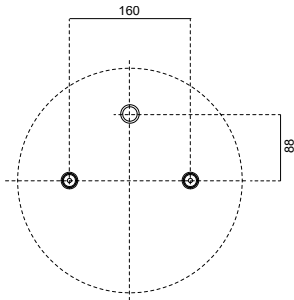
CHARACTERISTICS

- Optical system housing accessible during installation, with LED on wall-mounted anchor plate.
- LED/Driver maintenance achievable with direct access to the optical compartment.
- Luminaire Conforms to EN60598-1 Standard and special requirements

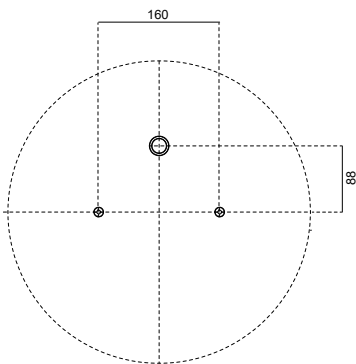
MATERIALS

- Body: Die casting aluminum alloy
- Diffuser: Frosted Polycarbonate (GW960 - LTF>60%)
- Seals in EDPM closed cell rubber, UV- resist. Tx -40/+150°C.
- Passive heat sink in extrusion aluminium alloy.
- Internal and external screws in A2 Stainless Steel
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

ASSEMBLY



6300W - 6301W



6350W

MINUS



MINUS



MINUS

LINKED PRODUCTS



MINUS
Pag. 410



WBT

WALL

MINUS



APPLICATION



Minus is designed specifically for the residential lighting of paths, gardens, patios, all in compliance with the Regulations on Light Pollution through the use of refracting optics. The lamp body is firmly connected to the base by means of a bayonet coupling which makes it easily removable during normal maintenance operations.



WALL

MINUS

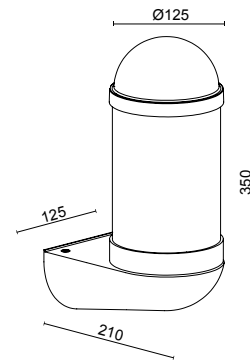
SPECIFICATIONS



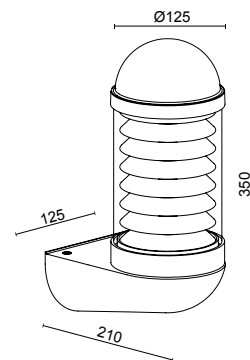
Installation:
Wall

- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value

DIMENSIONS



255 PR



265 X3

LED DIRECT AC SYSTEM

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
255W0/WR2.PR	1900 lm	1230 lm	3000 K	80	22W - 220-240Vac 50/60Hz	I
255W0/NR2.PR	2000 lm	1300 lm	4000 K	80	22W - 220-240Vac 50/60Hz	I



Beam
>360°



Diffuse Emission
PR=Grooved Polycarbonate



Not dimmable



LED DIRECT AC SYSTEM

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
265W0/WR2.X3	1900 lm	705 lm	3000 K	80	22W - 220-240Vac 50/60Hz	I
265W0/NR2.X3	2000 lm	742 lm	4000 K	80	22W - 220-240Vac 50/60Hz	I



Beam
>360°



Shielded Emission
X3=Clear Polycarbonate with
louvers



Not dimmable

STANDARD COLOURS



WALL

MINUS

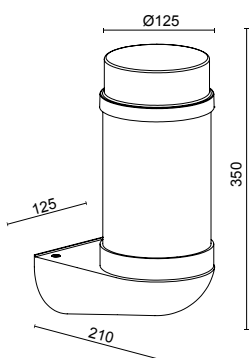
SPECIFICATIONS



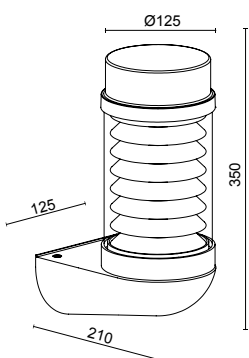
- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value



DIMENSIONS



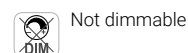
355 PR



365 X3

LED DIRECT AC SYSTEM

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
355W0/WR2.PR	1900 lm	1230 lm	3000 K	80	22W - 220-240Vac 50/60Hz	I
355W0/NR2.PR	2000 lm	1300 lm	4000 K	80	22W - 220-240Vac 50/60Hz	I

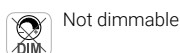
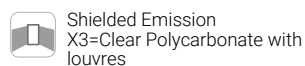


STANDARD COLOURS



LED DIRECT AC SYSTEM

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
365W0/WR2.X3	1900 lm	705 lm	3000 K	80	22W - 220-240Vac 50/60Hz	I
365W0/NR2.X3	2000 lm	742 lm	4000 K	80	22W - 220-240Vac 50/60Hz	I

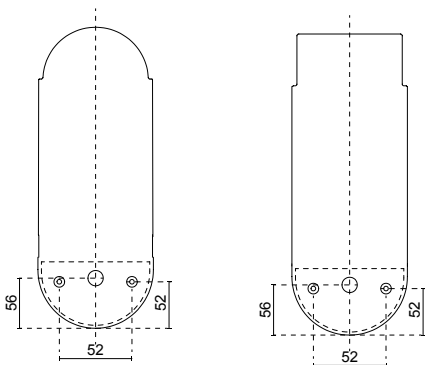




WALL

MINUS

ASSEMBLY



255 265

355 - 365

DIFFUSORE



255 PR
355 PR



265 X3
365 X3

CHARACTERISTICS

- Optical/Driver section not accessible during installation.
- Wall connection system with plastic anchoring plate
- Connection to the power supply network through cable gland for cables with a maximum diameter of 11mm type H07RN-F 3x1.5 or similar.
- LED maintenance by opening the optical compartment.
- Fixed output system with SMD LEDs with direct power supply 220-240Vac.
- Luminaire Conforms to EN60598-1 Standard and special requirements

MATERIALS

- Body: Die-Cast Aluminium Alloy
- Wall mounting plate in Polycarbonate (PC) GWT960 UV Resist.
- Transparent/Striped diffuser in extruded polycarbonate (PC) GWT960°C LTF>65/90%.
- Light baffle in Chrome-plated ABS GWT750 UV resist.
- Seals in EDPM closed cell rubber, UV- resist. Tx -40/+150°C.
- Passive heatsink in aluminum alloy for extrusion.
- Internal and external screws in A2 Stainless Steel
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

LUCY



LUCY



LUCY



LUCY

LINKED PRODUCTS



LUCY WALL RECESSED
Pag. 268



LUCY GROUND RECESSED
Pag. 310



WALL
LUCY



1050
Stainless Steel



1051
Aluminium



1052
Nylon

APPLICATION



Versatile luminaire available in recessed wall, floor recessed and wall mounted versions. The recessed wall and floor recesses have reduced depth and an AISI316L stainless steel ring which guarantee a very high resistance to oxidation. Also available with an octagonal-shaped ring that allows interesting architectural combinations. The Lucy model wall lamp is available in NYLON, painted aluminum or AISI316L stainless steel.



WALL

LUCY

SPECIFICATIONS



Installation:
Wall/Ceiling

- The rated flux values refer to source LED at Ts70°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Code 1050 - Stainless Steel Body AISI316L
- Code 1051 - Aluminium Body

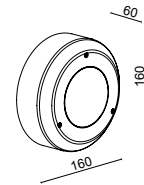
FRAME 1050W



99

STAINLESS STEEL AISI316L

DIMENSIONS



LED DIRECT AC SYSTEM

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
1050W/WR1.VS.99	450 lm	260 lm	3000 K	80	5W - 220-240Vac 50/60Hz	II
1050W/NR1.VS.99	475 lm	275 lm	4000 K	80	5W - 220-240Vac 50/60Hz	II



Beam
>110°



Diffuse Emission
Frosted Glass



Not dimmable



LED DIRECT AC SYSTEM

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
1051W/WR1.VS	450 lm	260 lm	3000 K	80	5W - 220-240Vac 50/60Hz	II
1051W/NR1.VS	475 lm	275 lm	4000 K	80	5W - 220-240Vac 50/60Hz	II



Beam
>110°

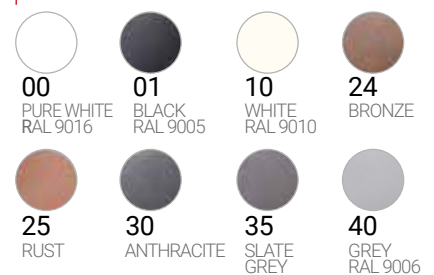


Diffuse Emission
Frosted Glass



Not dimmable

STANDARD COLOURS



WALL

LUCY

SPECIFICATIONS



Installation:
Wall/Ceiling

- The rated flux values refer to source LED at Ts70°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Code 1052 - Polyamide Body PA6



LED DIRECT AC SYSTEM

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
1052W/WR1.VS	450 lm	260 lm	3000 K	80	5W - 220-240Vac 50/60Hz	II
1052W/NR1.VS	475 lm	275 lm	4000 K	80	5W - 220-240Vac 50/60Hz	II



Beam
>110°

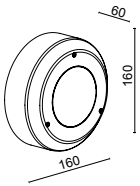


Diffuse Emission
Frosted Glass



Not dimmable

DIMENSIONS



STANDARD COLOURS



30
ANTHRACITE

LUCY

CHARACTERISTICS

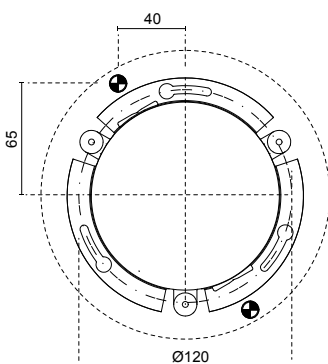
- Optical system housing accessible during installation.
- Wall connection system with plastic anchoring plate
- Connection to the power supply network through cable gland for cables with a maximum diameter of 11mm type H07RN-F 3x1.5 or similar.
- LED maintenance by opening the optical compartment.
- Fixed output system with SMD LEDs with direct power supply 220-240Vac.
- Luminaire Conforms to EN60598-1 Standard and special requirements

MATERIALS

- Ring AISI316L Steel (1050W) / Aluminum Alloy (1051W) / Polyamide PA6 (1052W).
- Wall fixing plate in Polyamide (PA6) filled with 30% GWT960 UV Resist.
- Diffuser in extra-clear acid-etched glass internally LTF > 60%.
- Seals in EDPM closed cell rubber, UV- resist. Tx -40/+150°C.
- Passive heatsink in aluminum alloy for extrusion.
- Internal and external screws in A2 Stainless Steel
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.



ASSEMBLY



CLIO



CLIO

LINKED PRODUCTS



CLIO WALL RECESSED
Pag. 272



CLIO GROUND RECESSED
Pag. 314



WALL
CLIO



APPLICATION



Elegant in shape, eclectic in the materials used, Clio is available with a nylon cover for wall application and in AISI316L steel for wall and floor recessing. Clio is a versatile object that is easy to insert in any context. The materials used in making Clio guarantee its use even in environments with high salinity.

WALL

CLIO

SPECIFICATIONS

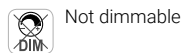


- The rated flux values refer to source LED at Ts70°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Code 1070: Polyamide Body PA6



LED DIRECT AC SYSTEM

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
1070W/WR1.VS	450 lm	260 lm	3000 K	80	5W - 220-240Vac 50/60Hz	II
1070W/NR1.VS	475 lm	275 lm	4000 K	80	5W - 220-240Vac 50/60Hz	II



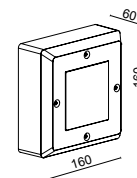
CHARACTERISTICS

- Optical system housing accessible during installation.
- Wall connection system with plastic anchoring plate
- Connection to the power supply network through cable gland for cables with a maximum diameter of 11mm type H07RN-F 3x1.5 or similar.
- LED maintenance by opening the optical compartment.
- Fixed output system with SMD LEDs with direct power supply 220-240Vac.
- Luminaire Conforms to EN60598-1 Standard and special requirements

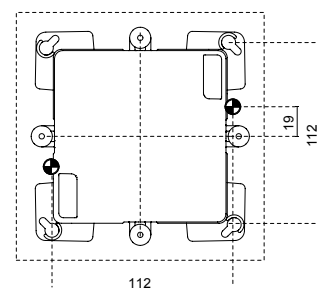
MATERIALS

- Polyamide Ring PA6
- Wall fixing plate in Polyamide (PA6) filled with 30% GWT960 UV Resist.
- Diffuser in extra-clear acid-etched glass internally LTF > 60%.
- Seals in EDPM closed cell rubber, UV- resist. Tx -40/+150°C.
- Passive heatsink in aluminum alloy for extrusion.
- Internal and external screws in A2 Stainless Steel
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

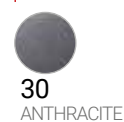
DIMENSIONS



ASSEMBLY



STANDARD COLOURS





CEILING

MODO 601C1



MODO 601S1



MODO CEILING

LINKED PRODUCTS



MODO WALL
Pag. 20



MODO FLOODLIGHT
Pag. 170



MODO SMALL POLE
Pag. 336



MODDO CEILING



APPLICATION



Ceiling lighting fixture with minimal lines and compact dimensions. Moddo offers the possibility of combining it in a modular system, which can be assembled in both planar directions, to form a different product with infinite capabilities. A system, therefore, more than a single volume, capable of evolving into multiple geometric and optical variants and thus supporting the multiple and diversified needs of the lighting designer. Dali dimmable on request with extra charge.

CEILING

MODO CEILING

SPECIFICATIONS



Installation:
Ceiling 601C1 - Suspension 601S1

- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- Suspended version equipped with 1.5m stainless steel bowden cables and 1.5m 3x1mm² double insulation cable



LED SYSTEM WITH BUILT-IN DRIVER

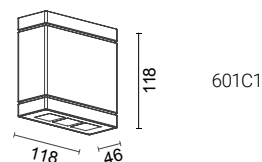
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
601C1/WP70XX	790 lm	660 lm	3000K	>80	8W - 220-240Vac 50/60Hz	I	3
601C1/NP70XX	900 lm	740 lm	4000K	>80	8W - 220-240Vac 50/60Hz	I	3

Beam XX :
XX=NB (Flood 12°)
XX=MB (Flood 28°)
XX=WB (Wide Flood 50°)

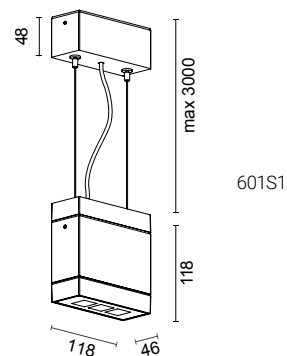
Single Emission
Silk-Screen Clear Glass

Dali dimmable on request
with extra charge

DIMENSIONS



601C1



601S1



LED SYSTEM WITH BUILT-IN DRIVER

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
601S1/WP70XX	790 lm	660 lm	3000 K	>80	8W - 220-240Vac 50/60Hz	I	3
601S1/NP70XX	900 lm	740 lm	4000 K	>80	8W - 220-240Vac 50/60Hz	I	3

Beam XX :
XX=NB (Flood 12°)
XX=MB (Flood 28°)
XX=WB (Wide Flood 50°)

Single Emission
Silk-Screen Clear Glass

Dali dimmable on request
with extra charge

STANDARD COLOURS



MODO CEILING

CHARACTERISTICS

- Optical/Driver section not accessible during installation.
- LED maintenance can be carried out by opening the optical compartment. LED module by Augenti
- Driver maintenance can be performed by opening the main body.
- Rear cable entry (cable supplied with Floodlight version)
- Luminaire Conforms to EN60598-1 Standard and special requirements

MATERIALS

- Extra Clear Tempered Glass 4mm with silk-screen printing.
- Body in Die-cast Aluminium
- Caps in Die-cast Aluminium
- Heatsink integrated into fixture in Die-cast Aluminium
- Gaskets in EPDM Rubber Tmax 120°C UV resistant
- Brackets (Internal/External) in AISI430F Stainless Steel polyester powder painted
- Internal and external screws in A2 Stainless Steel
- Polyester powder paint finish resistant to corrosion and sea mist (ISO7523)





ALTAIR ROUND



ALTAIR ROUND



ALTAIR ROUND



ALTAIR



ALTAIR SQUARE



ALTAIR SQUARE



ALTAIR SQUARE



CEILING

ALTAIR ROUND



APPLICATION



Surface-mounted luminaire, for wall and ceiling installation, available in two sizes with opal white diffuser for greater uniformity of the luminous flux. Independent wall attachment bracket.

CEILING

ALTAIR ROUND

SPECIFICATIONS



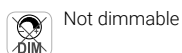
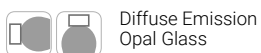
Installation:
Wall or Ceiling

- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value



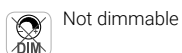
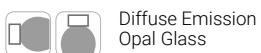
LED DIRECT AC SYSTEM - Ø200 H35

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
8401C/WRACVO	950 lm	470 lm	3000 K	80	10W 220-240Vac 50/60Hz	I
8401C/NRACVO	1000 lm	495 lm	4000 K	80	10W 220-240Vac 50/60Hz	I

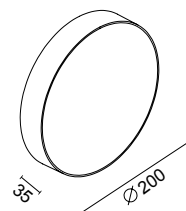


LED DIRECT AC SYSTEM - Ø280 H35

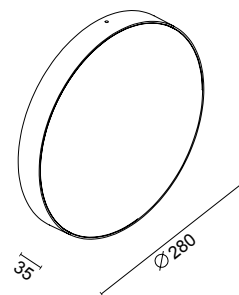
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
8400C/WRACVO	1970 lm	975 lm	3000 K	80	21W 220-240Vac 50/60Hz	I
8400C/NRACVO	2080 lm	1030 lm	4000 K	80	21W 220-240Vac 50/60Hz	I



DIMENSIONS

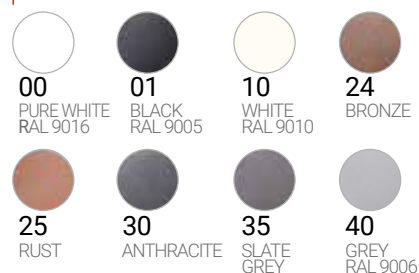


8401C



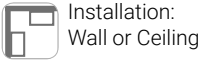
8400C

STANDARD COLOURS



ALTAIR ROUND

SPECIFICATIONS

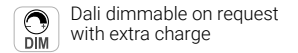


- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver

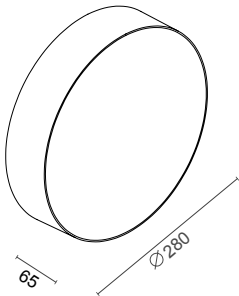


LED SYSTEM WITH BUILT-IN DRIVER - Ø280 H65

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
8402C/WR35VO	2130 lm	1045 lm	3000 K	80	21W 220-240Vac 50/60Hz	II
8402C/NR35VO	2250 lm	1105 lm	4000 K	80	21W 220-240Vac 50/60Hz	II

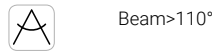


DIMENSIONS



LED SYSTEM WITH EMERGENCY KIT- Ø280 H65

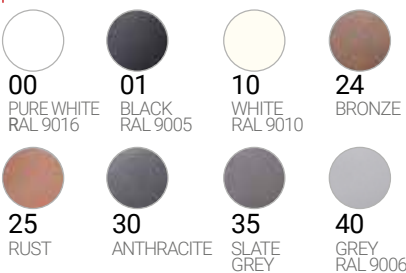
COD.	LED	System	CCT	CRI	Power	CL
8402C/WE35VO	2130 lm	1045 lm	3000 K	80	21W 220-240V Emerg.3h	I
8402C/NE35VO	2250 lm	1105 lm	4000 K	80	21W 220-240V Emerg.3h	I



SA + SE Emergency System (Continuous light + Emergency)
Electronic Inverter + Ni-Cd 7.2V 1.6Ah batteries
Charging duration 24h - Autonomy 3h (1h on request)
LED charging indicator

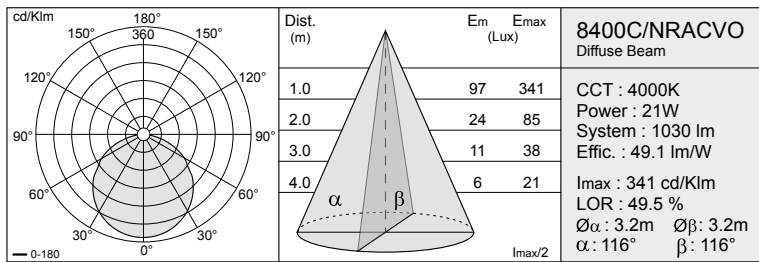


STANDARD COLOURS

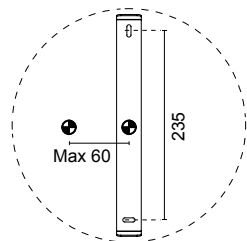


ALTAIR ROUND

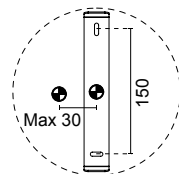
PHOTOMETRICS DATA



ASSEMBLY



8400C - 8402C



8401C

CHARACTERISTICS

- Independent optical system housing not accessible during installation, with wall-mounting plate.
- Fixture/plate connection system obtained by means of interlocking and locking screws.
- Supplied with power cable type H05RN-F 3x1mmq Length 300mm
- Connection to the power supply network via crimp connectors and insulation with heat shrink sheaths (standard supplied)
- LED maintenance can only be carried out by completely replacing the optical compartment.
- Driver maintenance (if present) with direct access independent of optical system housing.
- Available with mains voltage AC LED system for versions with diameter 280 and 200, or with separate built-in driver with the possibility of Dali dimming or emergency kit for the 280 version only.
- Luminaire Conforms to EN60598-1 Standard and special requirements

MATERIALS

- Body in Die-Cast Aluminium Alloy.
- Wall mounting bracket in AISI 430F steel
- Extra Clear Tempered Glass 4mm with silk-screen printing. bianco diffondente - trasmissione LT>45%.
- Glass gasket in neutral cross-linking silicone glue - Tx-50/+250°C UV resist.
- Passive heat sink integrated into structure.
- Internal and external screws in A2 Stainless Steel
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

ALTAIR SQUARE



APPLICATION



Surface-mounted luminaire, for wall and ceiling installation, available in two sizes with opal white diffuser for greater uniformity of the luminous flux. Independent wall attachment bracket.

CEILING

ALTAIR SQUARE

SPECIFICATIONS



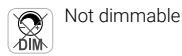
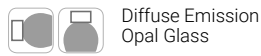
Installation:
Wall or Ceiling

- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value

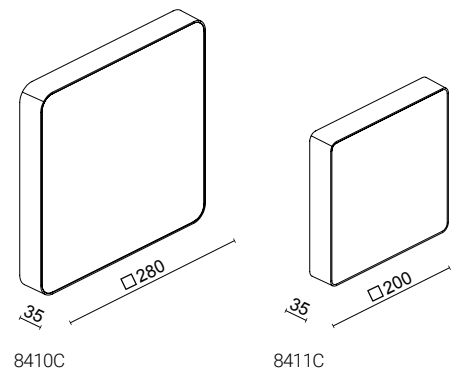


SISTEMA LED DIRECT AC - L200 H35

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
8411C/WRACVO	1015 lm	498 lm	3000 K	80	11W 220-240Vac 50/60Hz	I
8411C/NRACVO	1070 lm	525 lm	4000 K	80	11W 220-240Vac 50/60Hz	I

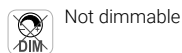
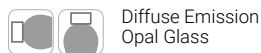


DIMENSIONS

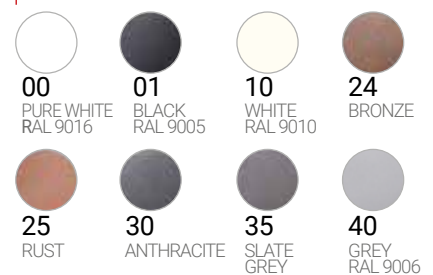


SISTEMA LED DIRECT AC - L280 H35

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
8410C/WRACVO	2120 lm	1190 lm	3000 K	80	22W 220-240Vac 50/60Hz	I
8410C/NRACVO	2230 lm	1255 lm	4000 K	80	22W 220-240Vac 50/60Hz	I



STANDARD COLOURS



ALTAIR SQUARE

SPECIFICATIONS



Installation:
Wall or Ceiling

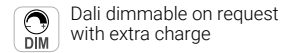
Art.8412C:
Built-in 3hrs **Emergency Kit available on request**, reduced power version

- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver

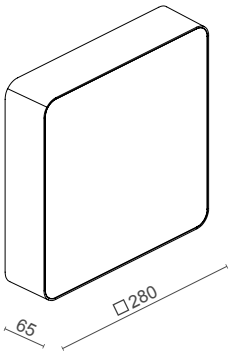


LED SYSTEM WITH BUILT-IN DRIVER - L280 H65

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
8412C/WR35VO	2330 lm	1150 lm	3000 K	80	22W 220-240Vac 50/60Hz	II
8412C/NR35VO	2450 lm	1212 lm	4000 K	80	22W 220-240Vac 50/60Hz	II

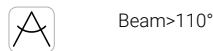


DIMENSIONS



LED SYSTEM WITH EMERGENCY KIT- L280 H65

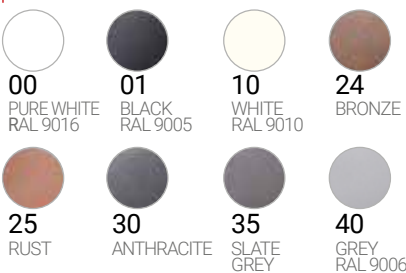
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
8412C/WE35VO	2330 lm	1150 lm	3000 K	80	22W 220-240V Emerg.3h	I
8412C/NE35VO	2450 lm	1212 lm	4000 K	80	22W 220-240V Emerg.3h	I



SA + SE Emergency System (Continuous light + Emergency)
Electronic Inverter + Ni-Cd 7.2V 1.6Ah batteries
Charging duration 24h - Autonomy 3h (1h on request)
LED charging indicator

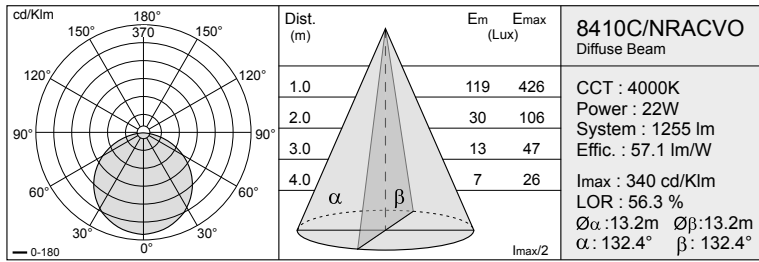


STANDARD COLOURS

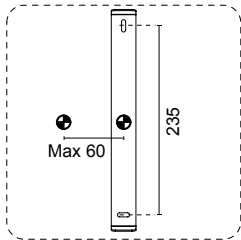


ALTAIR SQUARE

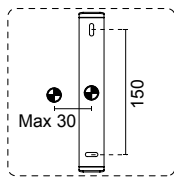
PHOTOMETRICS DATA



ASSEMBLY



8410C - 8412C



8411C

CHARACTERISTICS

- Independent optical system housing not accessible during installation, with wall-mounting plate.
- Fixture/plate connection system obtained by means of interlocking and locking screws.
- Supplied with power cable type H05RN-F 3x1mmq Length 300mm
- Connection to the power supply network via crimp connectors and insulation with heat shrink sheaths (standard supplied)
- LED maintenance can only be carried out by completely replacing the optical compartment.
- Driver maintenance (if present) with direct access independent of optical system housing.
- Available with mains voltage AC LED system for versions with diameter 280 and 200, or with separate built-in driver with the possibility of Dali dimming or emergency kit for the 280 version only.
- Luminaire Conforms to EN60598-1 Standard and special requirements

MATERIALS

- Body in Die-Cast Aluminium Alloy.
- Wall mounting bracket in AISI 430F steel
- Extra Clear Tempered Glass 4mm with silk-screen printing. bianco diffondente - trasmissione LT>45%.
- Glass gasket in neutral cross-linking silicone glue - Tx-50/+250°C UV resist.
- Passive heat sink integrated into structure.
- Internal and external screws in A2 Stainless Steel
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

UP&DOWN



UP&DOWN MINI



UP&DOWN



UP&DOWN MAXI



UP&DOWN-Q

LINKED PRODUCTS



UP&DOWN WALL
Pag. 76



UP&DOWN SMALL POLE
Pag. 382



UP&DOWN URBAN
Pag. 468



CEILING

UP&DOWN



APPLICATION



Ceiling luminaire ideal for grazing lighting of external facades. Up & Down is equipped with secondary optics for controlling the luminous flux, which allow design flexibility through different combinations of direct and indirect emission. Includes the use of LED sources with built-in driver with fixed output or Dali dimmable on request with extra charge.

CEILING

UP&DOWN

SPECIFICATIONS

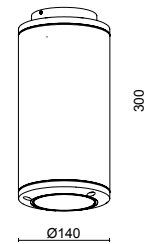


- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver

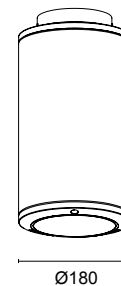
DIMENSIONS



7551C



7501C



7451C

STANDARD COLOURS



LED SYSTEM WITH BUILT-IN DRIVER - Ø75

REVIEW

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
7551C/WC0.XX	860 lm	720 lm	3000 K	80	8W 220-240Vac 50/60Hz	I
7551C/NC0.XX	890 lm	750 lm	4000 K	80	8W 220-240Vac 50/60Hz	I

Beam XX :
XX=NB (Flood 10°)
XX=MB (Flood 26°)
XX=WB (Wide Flood 56°)

Single Emission
Clear Glass

Not dimmable



LED SYSTEM WITH BUILT-IN DRIVER - Ø140

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
7501C/WC3.XX	2530 lm	2213 lm	3000 K	80	17W 220-240Vac 50/60Hz	I
7501C/NC3.XX	2670 lm	2324 lm	4000 K	80	17W 220-240Vac 50/60Hz	I

Beam XX :
XX=NB (Flood 16°)
XX=MB (Flood 29°)
XX=WB (Wide Flood 48°)

Single Emission
Clear Glass

Dali dimmable on request
with extra charge



LED SYSTEM WITH BUILT-IN DRIVER - Ø180

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
7451C/WC3.XX	3850 lm	3150 lm	3000 K	80	25W 220-240Vac 50/60Hz	I
7451C/NC3.XX	4050 lm	3320 lm	4000 K	80	25W 220-240Vac 50/60Hz	I

Beam XX :
XX=NB (Flood 16°)
XX=MB (Flood 29°)
XX=WB (Wide Flood 48°)

Single Emission
Clear Glass

Not dimmable

UP&DOWN-Q



APPLICATION



Ceiling luminaire ideal for grazing lighting of external facades. Up & Down-Q is equipped with secondary optics for controlling the luminous flux, which allow design flexibility through different combinations of direct and indirect emission. Includes the use of LED sources with built-in driver with fixed output or Dali dimmable on request with extra charge.

CEILING

UP&DOWN-Q

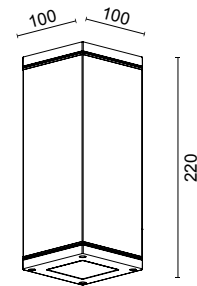
SPECIFICATIONS



- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver



DIMENSIONS



LED SYSTEM WITH BUILT-IN DRIVER

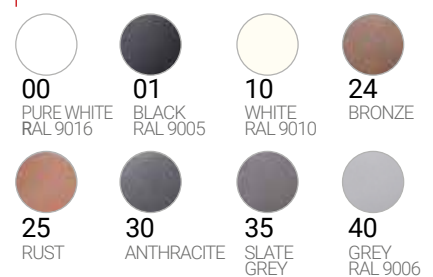
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
9814C/WC0.XX	1785 lm	1335 lm	3000 K	80	14W 220-240Vac 50/60Hz	I
9814C/NC0.XX	1868 lm	1397 lm	4000 K	80	14W 220-240Vac 50/60Hz	I

Beam XX :
 XX=NB (Flood 18°)
 XX=MB (Flood 29°)
 XX=WB (Wide Flood 38°)

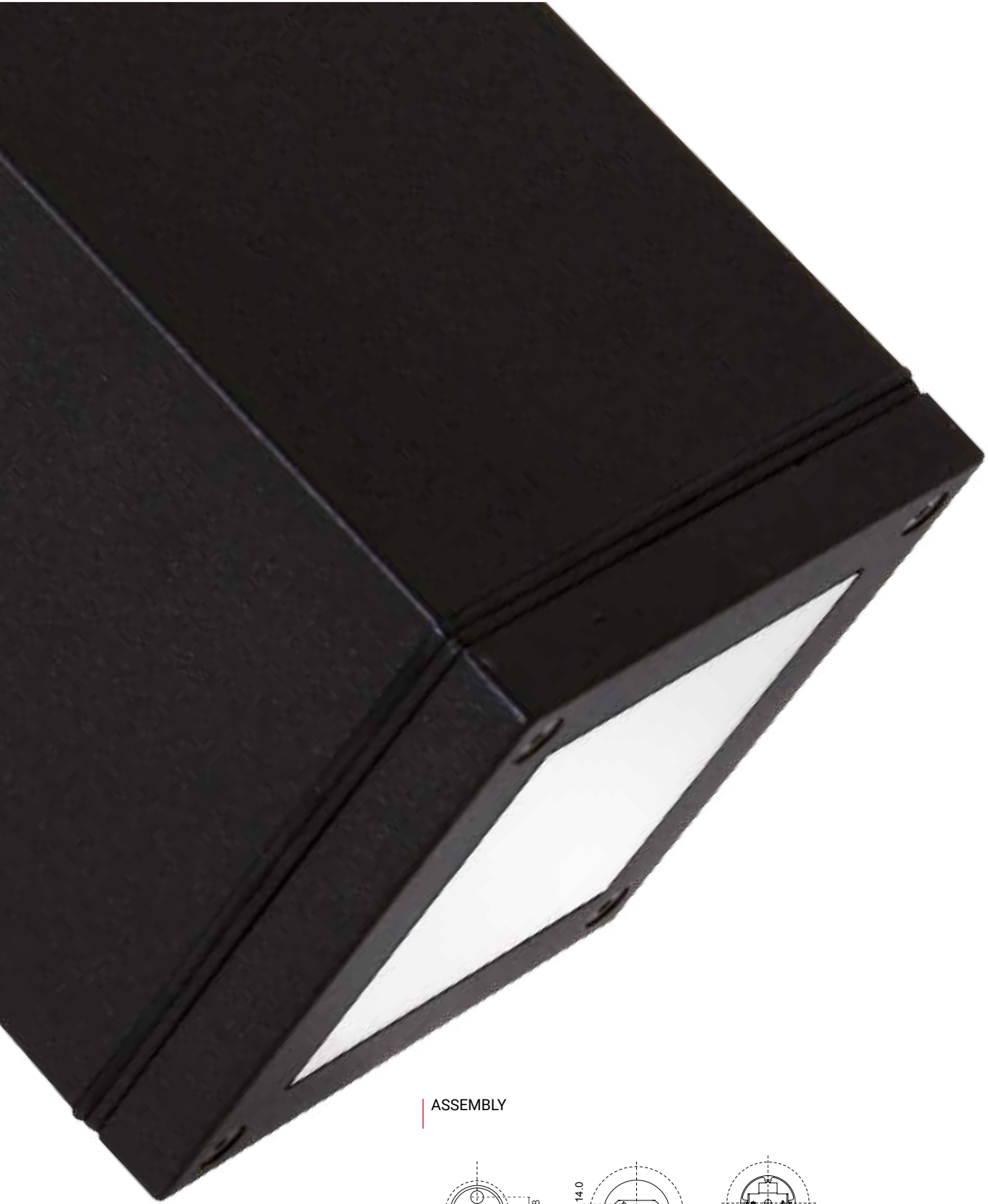
Single Emission
 Clear Glass

Dali dimmable on request
 with extra charge

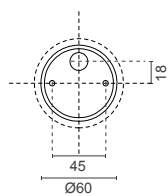
STANDARD COLOURS



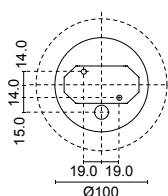
UP&DOWN



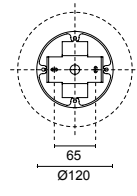
ASSEMBLY



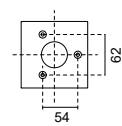
7551C



7501C



7451C



9814C

UP&DOWN

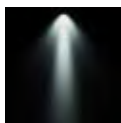
CHARACTERISTICS

- Wall system with base equipped with power supply terminal separated from the optical compartment.
- Independent Optic/driver housing not accessible during installation
- LED/Driver maintenance by opening the optical compartment (4 screws).
- Fixed output system or Dali dimmable on request
- Luminaire Conforms to EN60598-1 Standard and special requirements

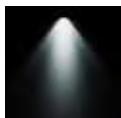
MATERIALS

- Ferrules / Base in Aluminum Alloy for die casting.
- Body in extrusion aluminium alloy.
- Float glass extra clear th=6mm - LTF transmission > 90%.
- Seals in EDPM closed cell rubber, UV- resist. Tx -40/+150°C.
- Passive heat sink in extrusion aluminium alloy.
- Internal and external screws in A2 Stainless Steel
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

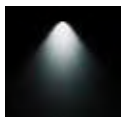
PHOTOMETRICS DATA



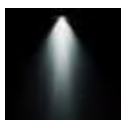
	Dist. (m)	Em (Lux)	E _{max} (Lux)	7501C/NC3.NB Spot CCT : 4000K Power : 17W System : 2394 lm Effic. : 140 lm/W I _{max} : 2714 cd/Klm LOR : 89.6 % Ø _α : 1.5m Ø _β : 1.5m α : 16.4° β : 16.4°
	1.0	1860	2714	
	2.0	465	678	
	3.0	207	302	
	4.0	116	170	
	5.0	74	108	



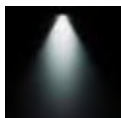
	Dist. (m)	Em (Lux)	E _{max} (Lux)	7501C/NC3.MB Flood CCT : 4000K Power : 17W System : 2324 lm Effic. : 135.9 lm/W I _{max} : 2635 cd/Klm LOR : 87.1 % Ø _α : 2.7m Ø _β : 2.7m α : 29.9° β : 29.9°
	1.0	1806	2635	
	2.0	452	659	
	3.0	201	293	
	4.0	113	165	
	5.0	72	105	



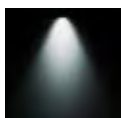
	Dist. (m)	Em (Lux)	E _{max} (Lux)	7501C/NC3.WB Wide Flood CCT : 4000K Power : 17W System : 2332 lm Effic. : 136.3 lm/W I _{max} : 2643 cd/Klm LOR : 87.3 % Ø _α : 4.4m Ø _β : 4.4m α : 47.8° β : 47.8°
	1.0	1811	2643	
	2.0	453	661	
	3.0	202	294	
	4.0	60	165	
	5.0	38	105	



	Dist. (m)	Em (Lux)	E _{max} (Lux)	9814C/WC0.NB Spot CCT : 3000K Power : 14W System : 1083lm Effic. : 83.3 lm/W I _{max} : 5183 cd/Klm LOR : 71 % Ø _α : 1.6m Ø _β : 1.6m α : 18.4° β : 18.4°
	1.0	3806	5183	
	2.0	951	1295	
	3.0	423	576	
	4.0	238	324	
	5.0	152	207	



	Dist. (m)	Em (Lux)	E _{max} (Lux)	9814C/WC0.MB Flood CCT : 3000K Power : 14W System : 1335 Effic. : 82.7 lm/W I _{max} : 3055 cd/Klm LOR : 69.6 % Ø _α : 2.6m Ø _β : 2.6m α : 29.8° β : 29.8°
	1.0	2040	3055	
	2.0	510	764	
	3.0	227	339	
	4.0	127	191	
	5.0	82	122	



	Dist. (m)	Em (Lux)	E _{max} (Lux)	9814C/WC0.WB Wide Flood CCT : 3000K Power : 14W System : 1035 lm Effic. : 79.6 lm/W I _{max} : 2171 cd/Klm LOR : 67.9 % Ø _α : 3.6m Ø _β : 3.6m α : 38.6° β : 38.6°
	1.0	1408	2171	
	2.0	352	543	
	3.0	156	241	
	4.0	88	136	
	5.0	56	87	



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FLOODLIGHTS

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MODO 610W1



MODO 611W1



MODO FLOODLIGHT

LINKED PRODUCTS



MODO WALL
Pag. 20



MODO SUSPENSION
Pag. 144



MODO SMALL POLE
Pag. 336

MODDO



MODDO FLOODLIGHT



APPLICATION



A simple parallelepiped, with a minimal line and compact dimensions. Able to be a projector, vertically or horizontally, or wallwashers, ceiling downlights, or even a suspension element for interiors, to become a bollard system, oriented according to the light requirements. Moddo offers the possibility of combining it in a modular system, which can be assembled in both planar directions, to form a different product with infinite capabilities. A system, therefore, more than a single volume, capable of evolving into multiple geometric and optical variants and thus supporting the multiple and diversified needs of the lighting designer.

FLOODLIGHTS

MODO FLOODLIGHT

SPECIFICATIONS



LED SYSTEM WITH BUILT-IN DRIVER - 1 vertical module

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
610W1/WP70XX	790 lm	660 lm	3000 K	80	8W - 220-240Vac 50/60Hz	I	3
610W1/NP70XX	900 lm	740 lm	4000 K	80	8W - 220-240Vac 50/60Hz	I	3
610W1/WP70BB	260 lm	215 lm	3000 K	80	3.5W - 220-240Vac 50/60Hz	I	1
610W1/NP70BB	300 lm	250 lm	4000 K	80	3.5W - 220-240Vac 50/60Hz	I	1

Beam
 XX=NB (Spot 12°)
 XX=MB (Flood 28°)
 XX=WB (Wide Flood 50°)
 XX=BB (Straight Blade 4°)

Adjustable Direct Emission
 Silk-Screen Clear Glass

Dali dimmable on request
 with extra charge

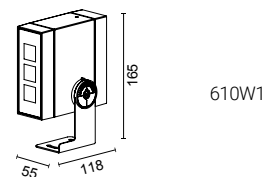
Picket application
 Available on request



Installation:
 Wall/Ceiling/Ground

- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- Supplied with 3x1mm² cable 300mm long
- **IP68 branch terminal block available on request**

DIMENSIONS



LED SYSTEM WITH BUILT-IN DRIVER - 1 horizontal module

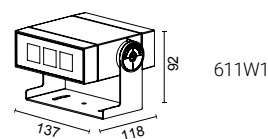
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
611W1/WP70XX	790 lm	660 lm	3000 K	80	8W - 220-240Vac 50/60Hz	I	3
611W1/NP70XX	900 lm	740 lm	4000 K	80	8W - 220-240Vac 50/60Hz	I	3
611W1/WP70BB	260 lm	215 lm	3000 K	80	3.5W - 220-240Vac 50/60Hz	I	1
611W1/NP70BB	300 lm	250 lm	4000 K	80	3.5W - 220-240Vac 50/60Hz	I	1

Beam
 XX=NB (Spot 12°)
 XX=MB (Flood 28°)
 XX=WB (Wide Flood 50°)
 XX=BB (Straight Blade 4°)

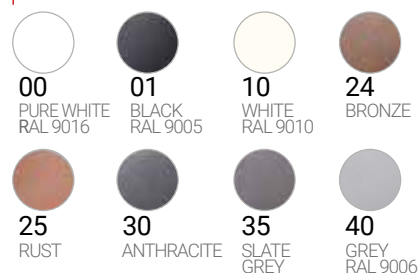
Adjustable Direct Emission
 Silk-Screen Clear Glass

Dali dimmable on request
 with extra charge

Picket application
 Available on request



STANDARD COLOURS



MODO FLOODLIGHT

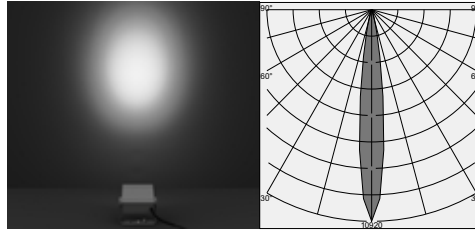
CHARACTERISTICS

- Optical/Driver section not accessible during installation.
- LED maintenance can be carried out by opening the optical compartment. LED module by Augenti
- Driver maintenance can be performed by opening the main body.
- Rear cable entry (cable supplied with Floodlight version)
- Luminaire Conforms to EN60598-1 Standard and special requirements

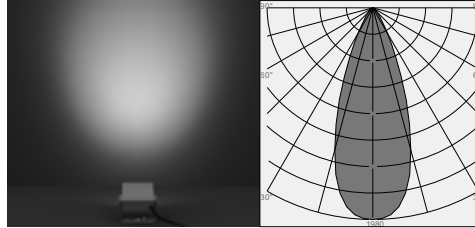
MATERIALS

- Extra Clear Tempered Glass 4mm with silk-screen printing.
- Body/Caps in Die-cast Aluminium
- Heatsink integrated into fixture in Die-cast Aluminium
- Gaskets in EPDM Rubber Tmax 120°C UV resistant
- Brackets (Internal/External) in AISI430F Stainless Steel polyester powder painted
- Internal and external screws in A2 Stainless Steel
- Polyester powder paint finish resistant to corrosion and sea mist (ISO7523)

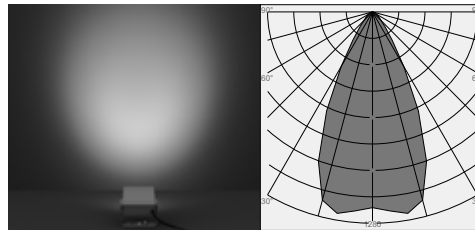
PHOTOMETRICS DATA



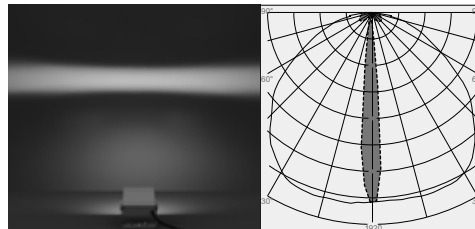
SPOT 12°



FLOOD 28°

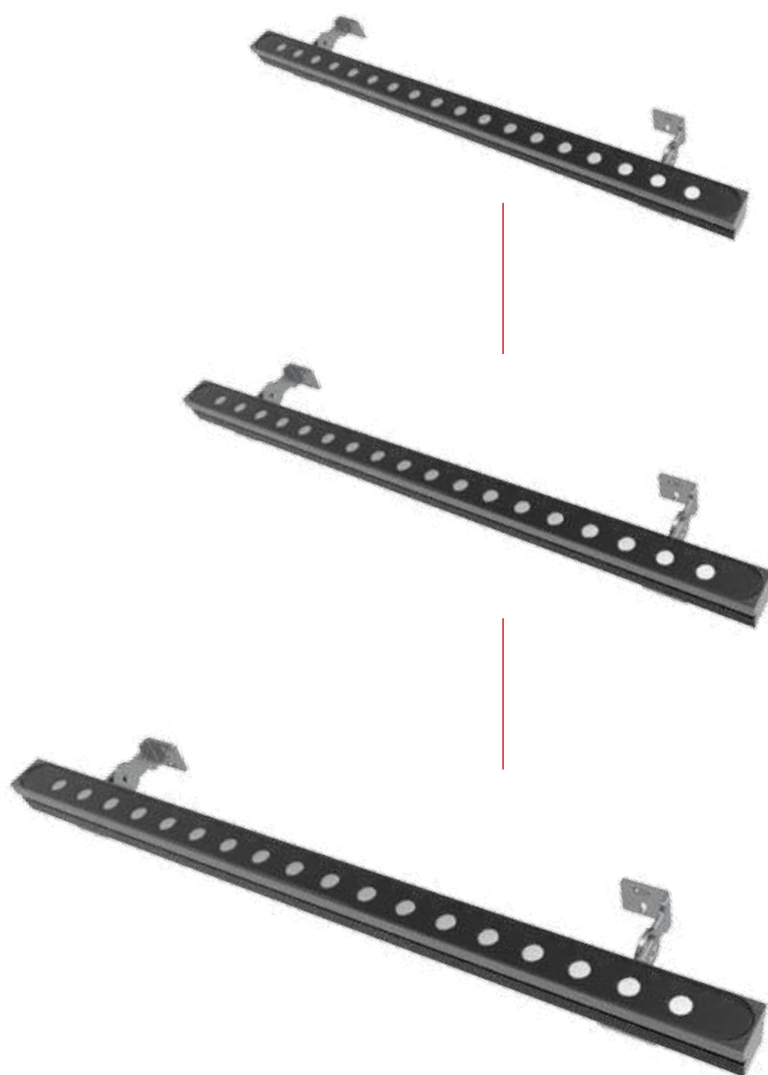


WIDE FLOOD 50°



STRAIGHT 4°





MATRIX MINI

LINKED PRODUCTS



MATRIX MINI RECESSED
Pag. 278



MATRIX MINI



APPLICATION



Linear adjustable fixture, suitable for wall, ceiling or floor installation as a stand-alone projector. Equipped with secondary optics for different light distributions, this version of Matrix is particularly suitable for grazing lighting on building facades, to enhance their material consistency, or to accentuate the architectural details of a historic building. Lamp with passive circuit, remote driver 24 V DC, therefore dimmable with all systems.

FLOODLIGHTS

MATRIX MINI

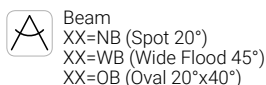
SPECIFICATIONS



Installation:
Wall/Ceiling/Ground

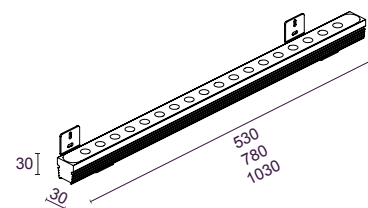
LED SYSTEM WITH REMOTE DRIVER 24Vdc

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
2811P/WPRCXX	900 lm	785 lm	3000K	>80	8W - 24Vdc	III	18
2811P/NPRCXX	970 lm	840 lm	4000K	>80	8W - 24Vdc	III	18
2812P/WPRCXX	1350 lm	1180 lm	3000K	>80	12W - 24Vdc	III	27
2812P/NPRCXX	1450 lm	1260 lm	4000K	>80	12W - 24Vdc	III	27
2813P/WPRCXX	1800 lm	1574 lm	3000K	>80	16W - 24Vdc	III	36
2813P/NPRCXX	1940 lm	1678 lm	4000K	>80	16W - 24Vdc	III	36



- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Dimmable version available on request only with remote driver
- Supplied with 2x0.75mm² cable 300mm long
- **IP68 connector available on request**
- **24V remote driver to be ordered separately**

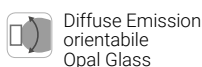
DIMENSIONS



CODE	L
2811P	530mm
2812P	780mm
2813P	1030mm

LED SYSTEM WITH REMOTE DRIVER 24Vdc

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
2811P/WRRCVS	1130 lm	280 lm	3000 K	80	8W - 24Vdc	III	
2811P/NRRCVS	1220 lm	300 lm	4000 K	80	8W - 24Vdc	III	
2812P/WRRCVS	1700 lm	420 lm	3000 K	80	12W - 24Vdc	III	
2812P/NRRCVS	1830 lm	450 lm	4000 K	80	12W - 24Vdc	III	
2813P/WRRCVS	2260 lm	560 lm	3000 K	80	16W - 24Vdc	III	
2813P/NRRCVS	2440 lm	600 lm	4000 K	80	16W - 24Vdc	III	



CHARACTERISTICS

- Adjustable luminaire on transversal plane with screw tightening / graduated ring nut.
- Supplied pre-wired with 50cm cable type 05RN-F 2x0.75
- Independent optical compartment not accessible during installation.
- LED maintenance can be carried out by disassembling the head (4 screws) and the support bracket.
- Driver maintenance can be carried out by replacing the resin box.
- Appliance Complies with EN60598-1 Standard and special requirements

MATERIALS

- Body in aluminum alloy for extrusion
- Extra-clear Float glass s = 4mm with silk-screen printing - LT transmission > 90%.
- UV resist closed cell rubber gaskets. Tx -40 / + 150 ° C
- Glass / Driver gasket in neutral cross-linking silicone glue - Tx -50 / + 250 ° C UV resist.
- Passive heatsink in aluminum alloy.
- Internal and external screws in A2 stainless steel
- UV ray stabilized polyester powder coating with anti-corrosion treatment

STANDARD COLOURS



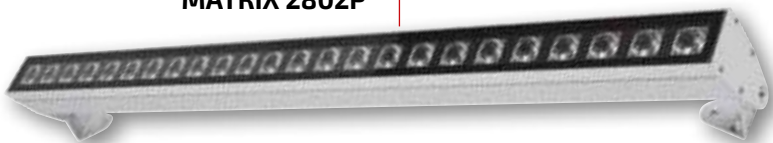
MATRIX 2800P



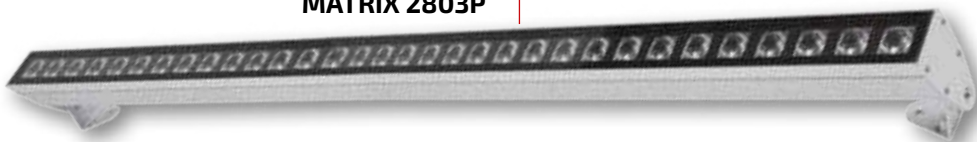
MATRIX 2801P



MATRIX 2802P



MATRIX 2803P



MATRIX

LINKED PRODUCTS



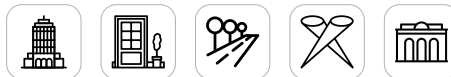
MATRIX RECESSED
Pag.282



MATRIX



APPLICATION



Linear adjustable fixture, suitable for wall, ceiling or floor installation as a stand-alone projector. Equipped with secondary optics for different light distributions, this version of the Matrix line is particularly suitable for grazing lighting on building facades, to enhance their material consistency, or to accentuate the architectural details of a historic building. RGBW also available. Dali dimmable on request with extra charge.

MATRIX

SPECIFICATIONS



Installation:
Wall/Ceiling/Ground

- The rated flux values refer to source LED at Ts75°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver



LED SYSTEM WITH BUILT-IN DRIVER

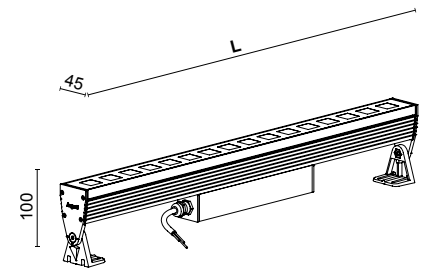
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
2800P/WP50.XX	1452 lm	1220 lm	3000 K	80	14W 220-240Vac 50/60Hz	I	8
2800P/NP50.XX	1525 lm	1281 lm	4000 K	80	14W 220-240Vac 50/60Hz	I	8
2801P/WP50.XX	2905 lm	2440 lm	3000 K	80	26W 220-240Vac 50/60Hz	I	16
2801P/NP50.XX	3050 lm	2562 lm	4000 K	80	26W 220-240Vac 50/60Hz	I	16
2802P/WP50.XX	4357 lm	3660 lm	3000 K	80	42W 220-240Vac 50/60Hz	I	24
2802P/NP50.XX	4575 lm	3843 lm	4000 K	80	42W 220-240Vac 50/60Hz	I	24
2803P/WP50.XX	5810 lm	4880 lm	3000 K	80	54W 220-240Vac 50/60Hz	I	32
2803P/NP50.XX	6100 lm	5124 lm	4000 K	80	54W 220-240Vac 50/60Hz	I	32

Beam
XX=NB (Spot 12°)
XX=MB (Flood 28°)
XX=WB (Wide Flood 50°)
XX=OB (Oval 42°+12°)

Adjustable Direct Emission
Silk-Screen Clear Glass

Dali dimmable on request
with extra charge

DIMENSIONS



CODE	L
2800P	306mm
2801P	586mm
2802P	866mm
2803P	1146mm



COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
2800P/WR50VS	870 lm	339 lm	3000	80	8W 220-240Vac 50/60Hz	I
2800P/NR50VS	920 lm	357 lm	4000	80	8W 220-240Vac 50/60Hz	I
2801P/WR50VS	1740 lm	678 lm	3000	80	13W 220-240Vac 50/60Hz	I
2801P/NR50VS	1840 lm	718 lm	4000	80	13W 220-240Vac 50/60Hz	I
2802P/WR50VS	2610 lm	1020 lm	3000	80	19W 220-240Vac 50/60Hz	I
2802P/NR50VS	2760 lm	1076 lm	4000	80	19W 220-240Vac 50/60Hz	I
2803P/WR50VS	3480 lm	1355 lm	3000	80	26W 220-240Vac 50/60Hz	I
2803P/NR50VS	3680 lm	1435 lm	4000	80	26W 220-240Vac 50/60Hz	I

Beam
>100°

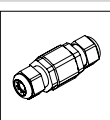
Adjustable Diffuse Emission
Opal Glass

Dali dimmable on request
with extra charge

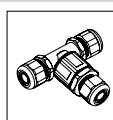
STANDARD COLOURS



ACCESSORIES



MOR683P/2V
IP68 2ways/3poles connector.
Maximum section 3x2.5mm



MOR683P/3V
IP68 3ways/3poles branch
connector. Maximum section
3x2.5mm

MATRIX



Installation:
Wall/Ceiling/Ground



- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- The data in the table refer to the configuration with all channels on (100%)
- The total power of the system depends on the number and type of devices envisaged. Depending on the project, it may be necessary to use "n" single power supply devices.
- **IP68 component-holder box available only on request**
- **24V remote driver to be ordered separately**
- **DMX Remote controller included**
- **Connecting cables with plugs must be ordered separately and configured according to the project**

RGBW LED SYSTEM WITH 24Vdc REMOTE DRIVER

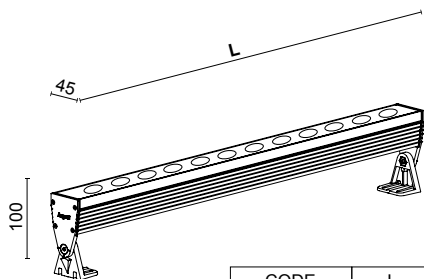
REVIEW

COD.	Source Flux	Fixture Flux	CCT-CRI	Power	CL	LED
Z800P/RCRC.XX	1650 lm	1420 lm	RGBW	12W 24Vdc	III	4
Z801P/RCRC.XX	3300 lm	2840 lm	RGBW	24W 24Vdc	III	8
Z802P/RCRC.XX	4950 lm	4260 lm	RGBW	36W 24Vdc	III	12
Z803P/RCRC.XX	6600 lm	5680 lm	RGBW	48W 24Vdc	III	16

Beam
 XX=MB (Flood 24°)
 XX=WB (Wide Flood 35°)
 XX=SW (Super Wide 54°)
 XX=O4 (Oval 40°x20°)

Adjustable Direct Emission
 Silk-Screen Clear Glass

DIMENSIONS

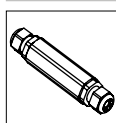


CODE	L
2800P	306mm
2801P	586mm
2802P	866mm
2803P	1146mm

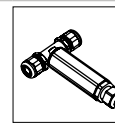
STANDARD COLOURS



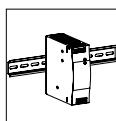
RGBW ACCESSORIES



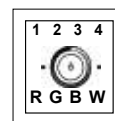
MOR686P/2V
 IP68 2ways/3poles connector.
 Maximum section 6x2.5mm



MOR686P/3V
 IP68 3ways/3poles branch connector. Maximum section 6x2.5mm



Remote Driver 24V
E.TRA.570 120W 24Vdc IP20
E.TRA.569 240W 24Vdc IP20
E.TRA.568 480W 24Vdc IP20



E.CNT.001
 Remote control touch keyboard
 4ch RGBW 100-240V

MATRIX

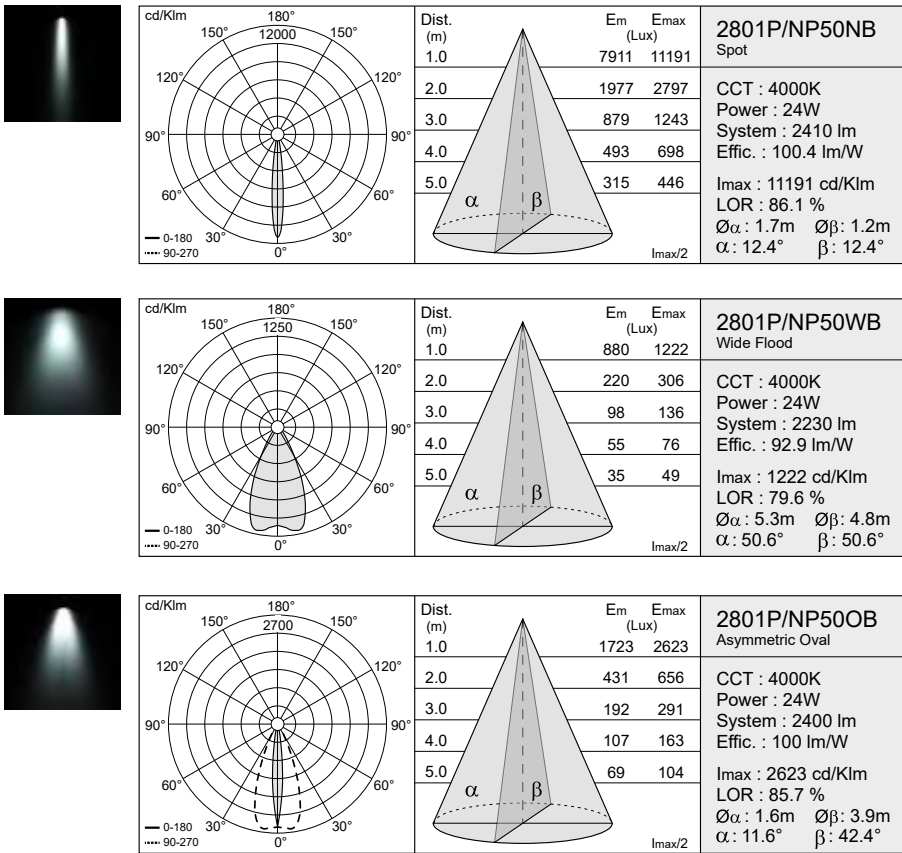
CHARACTERISTICS

- Adjustable luminaire on transversal plane with screw tightening/graduated ring nut.
- Supplied pre-wired with 50cm cable type H05RN-F 3x1mmq and cable gland IP68 (5x1mmq Ver. Dimmable)
- Optical/Driver section not accessible during installation.
- LED maintenance can be carried out by disassembling the head (4 screws) and the support bracket.
- Driver maintenance can be carried out by replacing the resin box.
- Fixed or Dali dimmable system for monochromatics LEDs.
- RGBW system for multichip LEDs.
- Luminaire Conforms to EN60598-1 Standard and special requirements

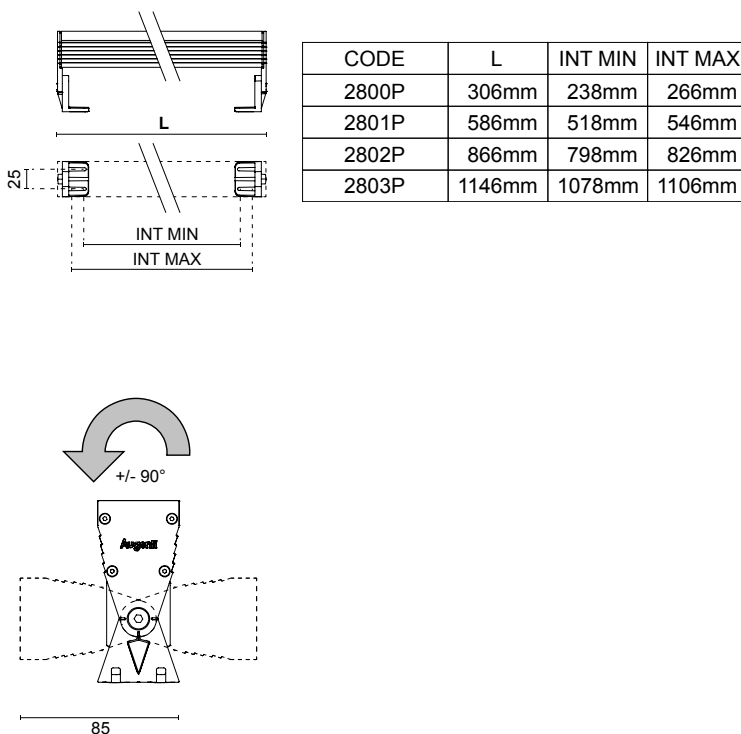
MATERIALS

- Body in aluminum alloy for extrusion
- Heads/adjustable arm in die casting aluminum alloy.
- Float glass extra clear th=5mm with screen printing- LTF transmission> 90%.
- Seals in EDPM closed cell rubber, UV- resist. Tx -40/+150°C.
- Glass/Driver gasket in neutral cross-linking silicone glue – Tx -50/+250°C UV resist.
- Passive heatsink in aluminum alloy.
- Internal and external screws in A2 Stainless Steel
- Cable gland M16 IP68
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

PHOTOMETRICS DATA



ASSEMBLY



KUBO

KUB06-S



KUB06-B



KUB012-S



KUB012-B



LINKED PRODUCTS



KUBO RECESSED
Pag. 288



KUBO URBAN
Pag. 446



KUB06-S



APPLICATION

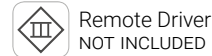


Compact adjustable luminaire, suitable for wall, ceiling and ground installation, as a stand-alone or spike projector. Equipped with secondary optics for different light distributions and with a wide choice of accessories useful for controlling the luminous flux and visual comfort. The fixture includes the use of LED sources with built-in driver with fixed output or Dali dimmable on request with extra charge.

FLOODLIGHTS

KUB06-S

SPECIFICATIONS

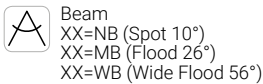


CL I AC LED

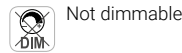
Art.2107W Installation:
Wall/Ceiling/GroundArt.2107P
Picket installation

LED SYSTEM WITH REMOTE DRIVER 24Vdc

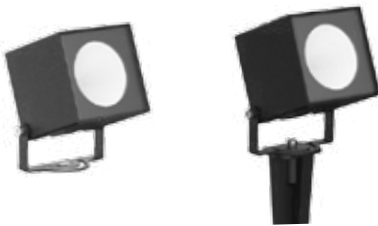
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
2107W/WCRCXX	860 lm	720 lm	3000K	>80	8W - 24Vdc	III	1
2107W/NCRCXX	890 lm	750 lm	4000K	>80	8W - 24Vdc	III	1
2107P/WCRCXX	860 lm	720 lm	3000K	>80	8W - 24Vdc	III	1
2107P/NCRCXX	890 lm	750 lm	4000K	>80	8W - 24Vdc	III	1



Beam
XX=NB (Spot 10°)
XX=MB (Flood 26°)
XX=WB (Wide Flood 56°)

Adjustable Direct Emission
Silk-Screen Clear Glass

Not dimmable

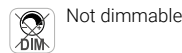


LED DIRECT AC SYSTEM

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
2107W/WCACXX	680 lm	476 lm	3000K	>80	7W - 220-240Vac 50/60Hz	I	1
2107W/NCACXX	700 lm	490 lm	4000K	>80	7W - 220-240Vac 50/60Hz	I	1
2107P/WCACXX	680 lm	476 lm	3000K	>80	7W - 220-240Vac 50/60Hz	I	1
2107P/NCACXX	700 lm	490 lm	4000K	>80	7W - 220-240Vac 50/60Hz	I	1

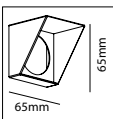


Beam
XX=NB (Spot 20°)
XX=WB (Wide Flood 40°)

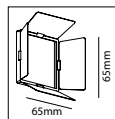
Adjustable Direct Emission
Silk-Screen Clear Glass

Not dimmable

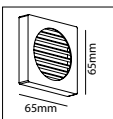
ACCESSORIES



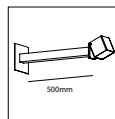
AC2106
Anti-glare visor in AISI430F steel,
polyester powder coated
Screws included



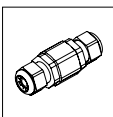
AR2106
Visor with adjustable fins in AISI430F
steel, polyester powder coated
Screws included



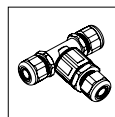
AF2106
Grid in AISI430F steel painted with
polyester powder
Screws included



AB2106
Arm for wall/ceiling extension (other
sizes on request) in AISI430F steel
polyester powder coated
Screws and connectors included

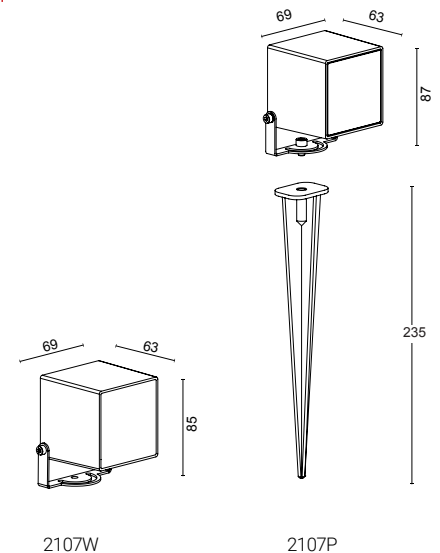


MOR683P/2V
IP68 2ways/3poles connector.
Maximum section 3x2.5mm



MOR683P/3V
IP68 3ways/3poles branch
connector. Maximum section
3x2.5mm

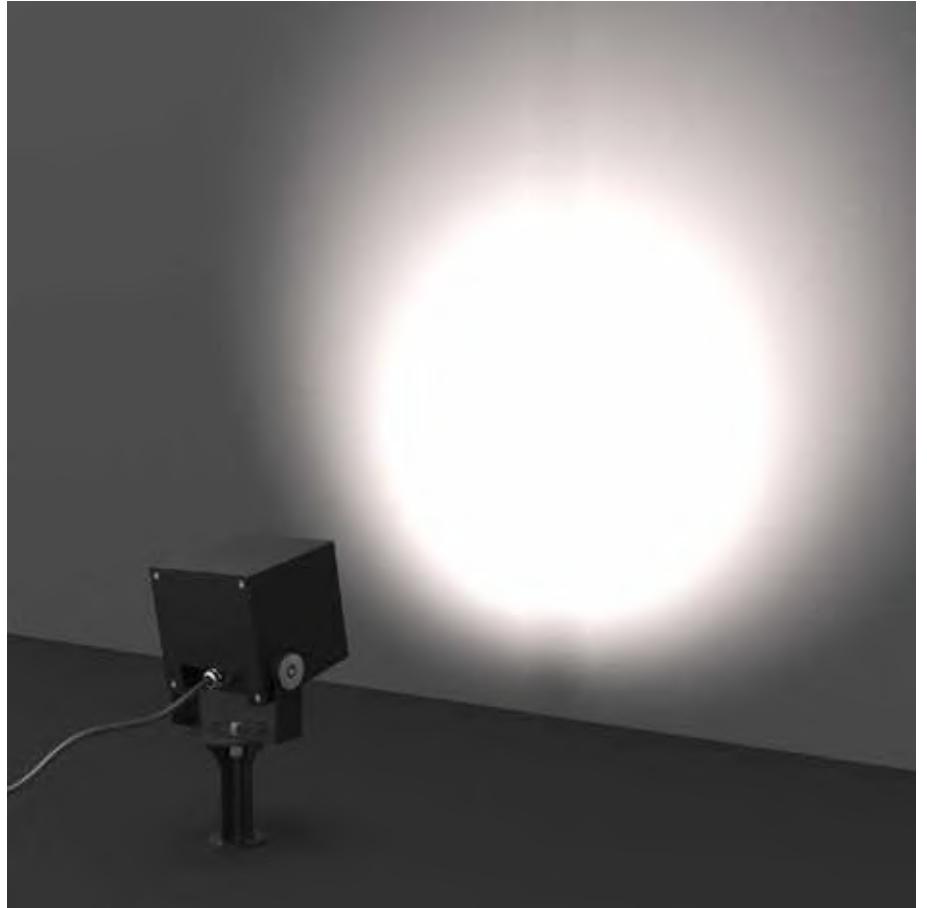
DIMENSIONS



STANDARD COLOURS



KUBO12-S



APPLICATION



Compact adjustable luminaire, suitable for wall, ceiling and ground installation, as a stand-alone or spike projector. Equipped with secondary optics for different light distributions and with a wide choice of accessories useful for controlling the luminous flux and visual comfort. The fixture includes the use of LED sources with built-in driver with fixed output or Dali dimmable on request with extra charge.

FLOODLIGHTS

KUB012-S

SPECIFICATIONS



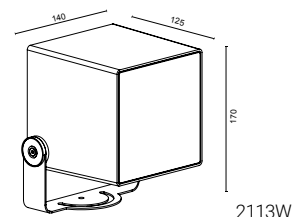
Art.2113W Installation:
Wall/Ceiling/Ground



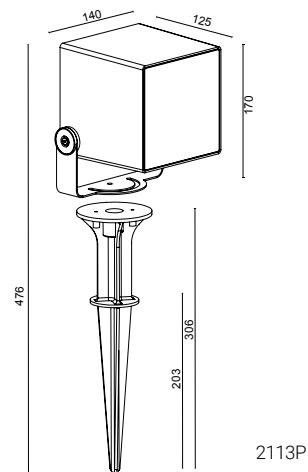
Art.2113P
Picket installation

- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- 2113P supplied with plastic stake PA6
- Supplied with 3x1mm² cable 300mm long
- **IP68 connector available on request**

DIMENSIONS



2113W



2113P



LED SYSTEM WITH BUILT-IN DRIVER

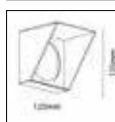
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
2113W/WC35XX	1900 lm	1382 lm	3000K	>80	14W - 220-240Vac 50/60Hz	I	1
2113W/NC35XX	1995 lm	1458 lm	4000K	>80	14W - 220-240Vac 50/60Hz	I	1
2113P/WC35XX	1900 lm	1382 lm	3000K	>80	14W - 220-240Vac 50/60Hz	I	1
2113P/NC35XX	1995 lm	1458 lm	4000K	>80	14W - 220-240Vac 50/60Hz	I	1

Beam
XX=NB (Spot 19°)
XX=MB (Flood 26°)
XX=WB (Wide Flood 49°)

Adjustable Direct Emission
Silk-Screen Clear Glass

Dali dimmable on request
with extra charge

ACCESSORIES



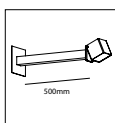
AC2112
Anti-glare visor in AISI430F steel,
polyester powder coated
Screws included



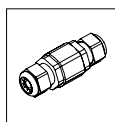
AR2112
Visor with adjustable fins in AISI430F
steel, polyester powder coated
Screws included



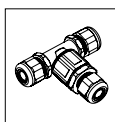
AF2112
Grid in AISI430F steel painted with
polyester powder
Screws included



AB2112
Arm for wall/ceiling extension (other
sizes on request) in AISI430F steel
polyester powder coated
Screws and connectors included

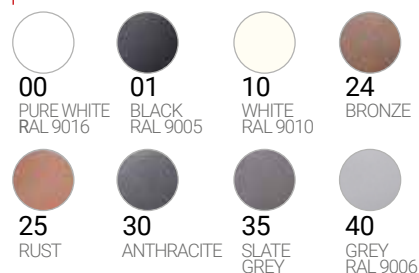


MOR683P/2V
IP68 2ways/3poles connector.
Maximum section 3x2.5mm



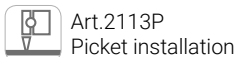
MOR683P/3V
IP68 3ways/3poles branch
connector. Maximum section
3x2.5mm

STANDARD COLOURS



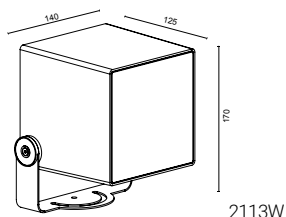
KUB012-S

SPECIFICATIONS

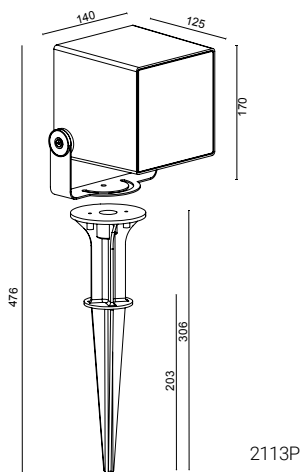


- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- 2113P supplied with plastic stake PA6
- Supplied with 3x1mm² cable 300mm long
- **IP68 connector available on request**

DIMENSIONS

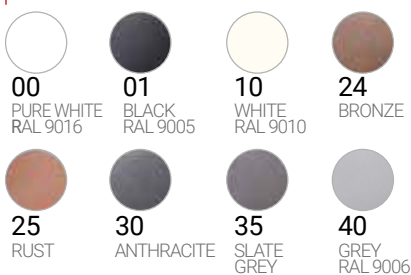


2113W



2113P

STANDARD COLOURS



LED ARRAY SYSTEM WITH BUILT-IN DRIVER

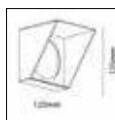
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
Z113W/WR50XX	1700 lm	1190 lm	3000K	>80	14W - 220-240Vac 50/60Hz	I	4
Z113W/NR50XX	1770 lm	1240 lm	4000K	>80	14W - 220-240Vac 50/60Hz	I	4
Z113P/WR50XX	1700 lm	1190 lm	3000K	>80	14W - 220-240Vac 50/60Hz	I	4
Z113P/NR50XX	1770 lm	1240 lm	4000K	>80	14W - 220-240Vac 50/60Hz	I	4

Beam
 XX=NB (Spot 20°)
 XX=MB (Flood 32°)
 XX=WB (Wide Flood 50°)

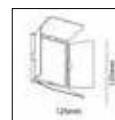
Adjustable Direct Emission
 Silk-Screen Clear Glass

Dali dimmable on request
 with extra charge

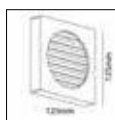
ACCESSORIES



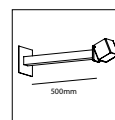
AC2112
 Anti-glare visor in AISI430F steel,
 polyester powder coated
 Screws included



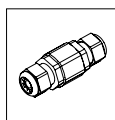
AR2112
 Visor with adjustable fins in AISI430F
 steel, polyester powder coated
 Screws included



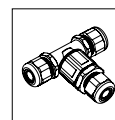
AF2112
 Grid in AISI430F steel painted with
 polyester powder
 Screws included



AB2112
 Arm for wall/ceiling extension (other
 sizes on request) in AISI430F steel
 polyester powder coated
 Screws and connectors included



MOR683P/2V
 IP68 2ways/3poles connector.
 Maximum section 3x2.5mm



MOR683P/3V
 IP68 3ways/3poles branch
 connector. Maximum section
 3x2.5mm

FLOODLIGHTS

KUBO12-S

SPECIFICATIONS



Remote Driver NOT INCLUDED

Art.2113W Installation: Wall/Ceiling/Ground

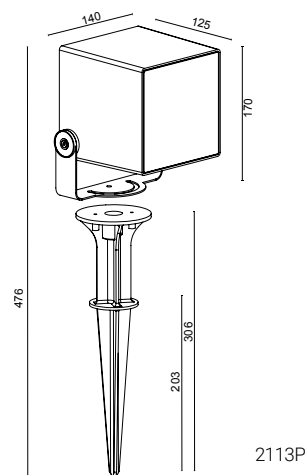
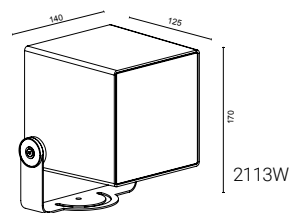
Art.2113P Picket installation

RGBW DEVICE

The data in the table refer to the configuration with all channels on (100%)

- The total power depends on the number and type of devices envisaged. Depending on the project, it may be necessary to use "n" single power supply devices.
- IN/OUT cable with 6-pole IP68 socket
- **Connecting cables with plugs are ordered separately and configured for the project**
- **Remote DMX controller/Accessories are to be ordered separately**
- **24V remote driver to be ordered separately**

DIMENSIONS



STANDARD COLOURS



RGBW LED SYSTEM WITH 24Vdc REMOTE DRIVER

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
2113W/RCRCXX	1768 lm	1516 lm	RGBW		18W - 24Vdc	III	4
2113P/RCRCXX	1768 lm	1516 lm	RGBW		18W - 24Vdc	III	4

A Beam
 XX=NB (Spot 12°)
 XX=MB (Flood 25°)
 XX=WB (Wide Flood 40°)

Adjustable Direct Emission
 Silk-Screen Clear Glass

RGBW ACCESSORIES

	AC2112 Anti-glare visor in AISI430F steel, polyester powder coated Screws included		AR2112 Visor with adjustable fins in AISI430F steel, polyester powder coated Screws included
	AF2112 Grid in AISI430F steel painted with polyester powder Screws included		AB2112 Arm for wall/ceiling extension (other sizes on request) in AISI430F steel polyester powder coated Screws and connectors included
	MOR686P/2V IP68 2ways/3poles connector. Maximum section 6x2.5mm		MOR686P/3V IP68 3ways/3poles branch connector. Maximum section 6x2.5mm
	E.CEN.001 Remote controller Dali/DMX BUS Remote 4ch 12/24Vdc on DIN rail		Remote Driver 24V E.TRA.570 120W 24Vdc IP20 E.TRA.569 240W 24Vdc IP20 E.TRA.568 480W 24Vdc IP20
	E.CNT.001 Remote control touch keyboard 4ch RGBW 100-240V		

KUB06-B



APPLICATION

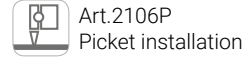


Compact adjustable luminaire, suitable for wall, ceiling and ground installation, as a stand-alone or spike projector. Equipped with secondary optics for different light distributions and with a wide choice of accessories useful for controlling the luminous flux and visual comfort. The fixture includes the use of LED sources with built-in driver with fixed output or Dali dimmable on request with extra charge.

FLOODLIGHTS

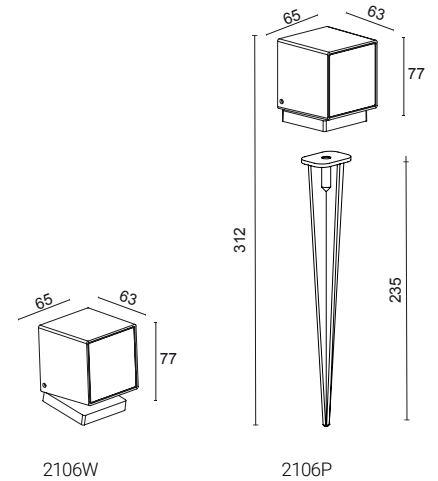
KUB06-B

SPECIFICATIONS



- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request only for version with remote driver
- The total power of the system depends on the number and type of devices envisaged. Depending on the project, it may be necessary to use "n" single power supply devices.
- 2106P supplied with plastic stake PA6
- The device is supplied with a 300mm long cable (3x1mm²)
- **IP68 connector available on request**
- **24V remote driver to be ordered separately**

DIMENSIONS



LED SYSTEM WITH REMOTE DRIVER 24Vdc

REVIEW

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
2106W/WCRC.XX	860 lm	720 lm	3000K	>80	8W - 24Vdc	III	1
2106W/NCRC.XX	890 lm	750 lm	4000K	>80	8W - 24Vdc	III	1
2106P/WCRCXX	860 lm	720 lm	3000K	>80	8W - 24Vdc	III	1
2106P/NCRCXX	890 lm	750 lm	4000K	>80	8W - 24Vdc	III	1

Beam
 XX=NB (Spot 10°)
 XX=MB (Flood 26°)
 XX=WB (Wide Flood 56°)

Adjustable Direct Emission
 Silk-Screen Clear Glass

Not dimmable



LED DIRECT AC SYSTEM

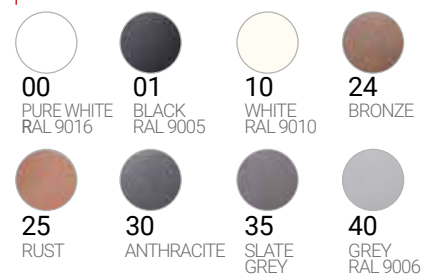
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
2106W/WCAC.XX	680 lm	476 lm	3000K	>80	7W - 220-240Vac 50/60Hz	I	1
2106W/NCAC.XX	700 lm	490 lm	4000K	>80	7W - 220-240Vac 50/60Hz	I	1
2106P/WCACXX	680 lm	476 lm	3000K	>80	7W - 220-240Vac 50/60Hz	I	1
2106P/NCACXX	700 lm	490 lm	4000K	>80	7W - 220-240Vac 50/60Hz	I	1

Beam
 XX=NB (Spot 20°)
 XX=WB (Wide Flood 40°)

Adjustable Direct Emission
 Silk-Screen Clear Glass

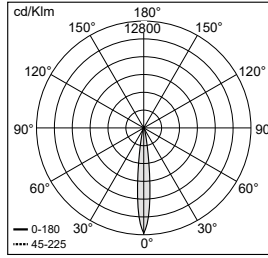
Not dimmable

STANDARD COLOURS



KUB06-B

PHOTOMETRICS DATA

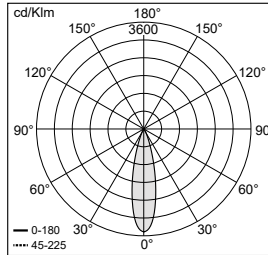


Dist. (m)	Em (Lux)	E _{max} (Lux)
1	5690	11377
2	1422	2844
3	632	1264
4	356	711
5	228	455

2106W/NCRCNB
Narrow Beam

CCT : 4000K
Power : 7W
System : 721 lm
Effic. : 103 lm/W

I_{max} : 12783 cd/Klm
LOR : 81 %
Ø_α : 1.1m Ø_β : 1.1m
α : 12.8° β : 12.8°

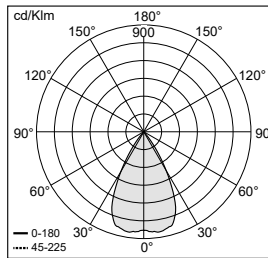


Dist. (m)	Em (Lux)	E _{max} (Lux)
1	1484	3176
2	371	794
3	165	353
4	93	198
5	59	127

2106W/NCRCMB
Medium Beam

CCT : 4000K
Power : 7W
System : 724 lm
Effic. : 103 lm/W

I_{max} : 3568 cd/Klm
LOR : 81.3 %
Ø_α : 2.3m Ø_β : 2.3m
α : 25.4° β : 25.4°



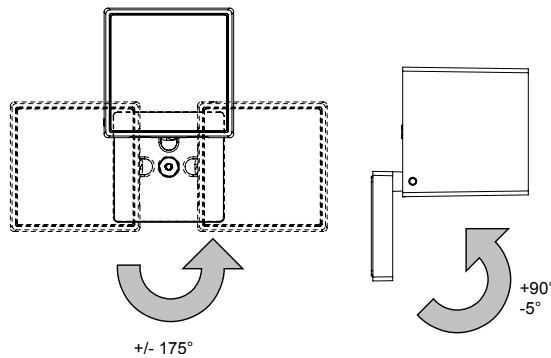
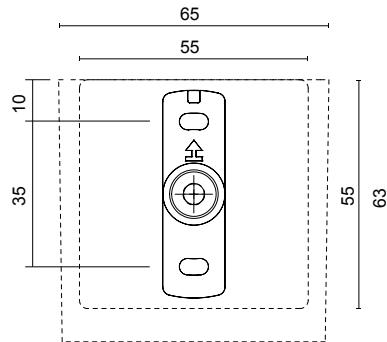
Dist. (m)	Em (Lux)	E _{max} (Lux)
1	253	729
2	63	182
3	28	81
4	16	46
5	10	29

2106W/NCRCWB
Wide Beam

CCT : 4000K
Power : 7W
System : 663 lm
Effic. : 94.7 lm/W

I_{max} : 856 cd/Klm
LOR : 74.5 %
Ø_α : 5.5m Ø_β : 5.5m
α : 58° β : 58°

ASSEMBLY



FLOODLIGHTS

KUBO6

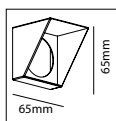
CHARACTERISTICS

- Adjustable luminaire on two vertical/horizontal planes with screw tightening.
- Supplied pre-wired with 50cm H05RN-F cable (bipolar or tripolar) and IP68 cable gland
- Optical/Driver section not accessible during installation.
- Remote power supply driver, to be ordered separately
- Version with COB LED in AC 230V.
- LED maintenance can be carried out by removing the optical compartment (2 screws).
- Fixed or Dali dimmable system for monochromatics LEDs.
- Luminaire Conforms to EN60598-1 Standard and special requirements

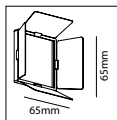
MATERIALS

- Body in die casting aluminium alloy.
- Extra Clear Tempered Glass 4mm with silk-screen printing. - trasmissione LT>90%.
- Seals in EDPM closed cell rubber, UV- resist. Tx -40/+150°C.
- Glass gasket in neutral cross-linking silicone glue - Tx-50/+250°C UV resist.
- Integrated passive heat sink made of aluminium alloy
- Internal and external screws in A2 Stainless Steel
- M16 IP68 brass cable gland
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

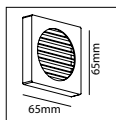
ACCESSORIES

**AC2106**

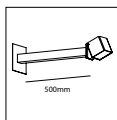
Anti-glare visor in AISI430F steel, polyester powder coated
Screws included

**AR2106**

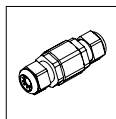
Visor with adjustable fins in AISI430F steel, polyester powder coated
Screws included

**AF2106**

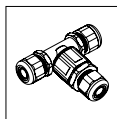
Grid in AISI430F steel painted with polyester powder
Screws included

**AB2106**

Arm for wall/ceiling extension (other sizes on request) in AISI430F steel polyester powder coated
Screws and connectors included

**MOR683P/2V**

IP68 2ways/3poles connector.
Maximum section 3x2.5mm

**MOR683P/3V**

IP68 3ways/3poles branch connector. Maximum section 3x2.5mm

KUBO12-B

KUBO12-B



APPLICATION

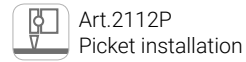


Compact adjustable luminaire, suitable for wall, ceiling and ground installation, as a stand-alone or spike projector. Equipped with secondary optics for different light distributions and with a wide choice of accessories useful for controlling the luminous flux and visual comfort. The fixture includes the use of LED sources with built-in driver with fixed output or Dali dimmable on request with extra charge.

FLOODLIGHTS

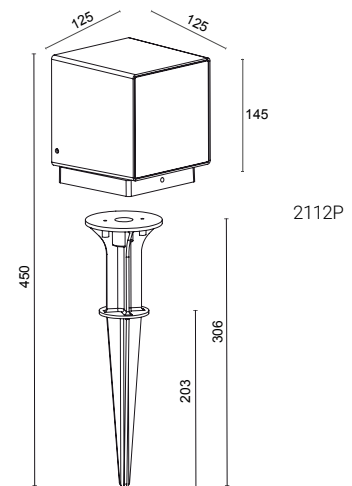
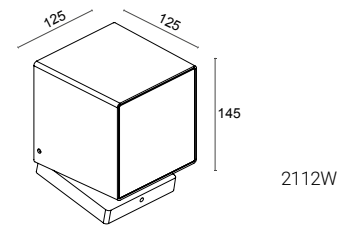
KUB012-B

SPECIFICATIONS



- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- 2112P supplied with plastic stake PA6
- Supplied with 3x1mm² cable 300mm long
- **IP68 connector available on request**

DIMENSIONS



STANDARD COLOURS



LED SYSTEM WITH BUILT-IN DRIVER

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
2112W/WC35.XX	1900 lm	1382 lm	3000 K	80	14W 220-240Vac 50/60Hz	I
2112W/NC35.XX	1995 lm	1458 lm	4000 K	80	14W 220-240Vac 50/60Hz	I
2112P/WC35XX	1900 lm	1382 lm	3000 K	80	14W 220-240Vac 50/60Hz	I
2112P/NC35XX	1995 lm	1458 lm	4000 K	80	14W 220-240Vac 50/60Hz	I

Beam
 XX=NB (Spot 19°)
 XX=MB (Flood 26°)
 XX=WB (Wide Flood 49°)

Adjustable Direct Emission
 Silk-Screen Clear Glass

Dali dimmable on request
 with extra charge



LED ARRAY SYSTEM WITH BUILT-IN DRIVER

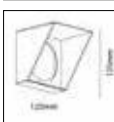
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
2112W/WR50.XX	1700 lm	1190 lm	3000 K	80	14W 220-240Vac 50/60Hz	I
2112W/NR50.XX	1770 lm	1240 lm	4000 K	80	14W 220-240Vac 50/60Hz	I
2112P/WR50XX	1700 lm	1190 lm	3000 K	80	14W 220-240Vac 50/60Hz	I
2112P/NR50XX	1770 lm	1240 lm	4000 K	80	14W 220-240Vac 50/60Hz	I

Beam
 XX=NB (Spot 20°)
 XX=MB (Flood 32°)
 XX=WB (Wide Flood 50°)

Adjustable Direct Emission
 Silk-Screen Clear Glass

Dali dimmable on request
 with extra charge

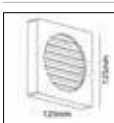
ACCESSORIES



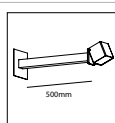
AC2112
 Anti-glare visor in AISI430F steel,
 polyester powder coated
 Screws included



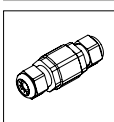
AR2112
 Visor with adjustable fins in AISI430F
 steel, polyester powder coated
 Screws included



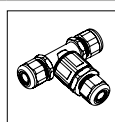
AF2112
 Grid in AISI430F steel painted with
 polyester powder
 Screws included



AB2112
 Arm for wall/ceiling extension (other
 sizes on request) in AISI430F steel
 polyester powder coated
 Screws and connectors included



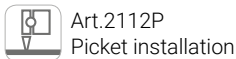
MOR683P/2V
 IP68 2ways/3poles connector.
 Maximum section 3x2.5mm



MOR683P/3V
 IP68 3ways/3poles branch
 connector. Maximum section
 3x2.5mm

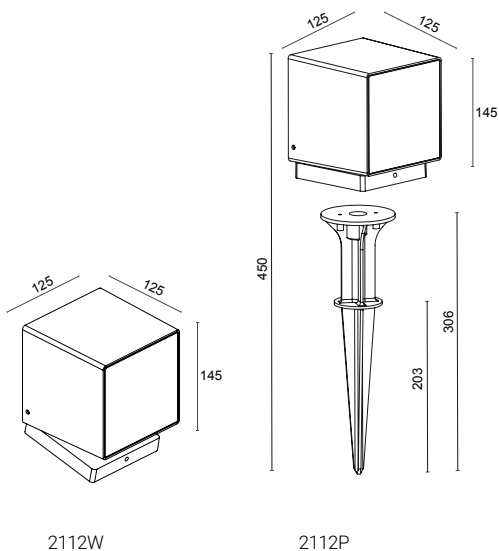
KUB012-B

SPECIFICATIONS



- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- The data in the table refer to the configuration with all channels on (100%)
- The total power of the system depends on the number and type of devices envisaged. Depending on the project, it may be necessary to use "n" single power supply devices.
- **IP68 component-holder box available only on request**
- **24V remote driver to be ordered separately**
- **Remote DMX controller/Accessories are to be ordered separately**
- **Connecting cables with plugs must be ordered separately and configured according to the project**

DIMENSIONS



STANDARD COLOURS



RGBW LED SYSTEM WITH 24Vdc REMOTE DRIVER

COD.	Source Flux	Fixture Flux	CCT-CRI	Power	CL
2112W/RCRC.XX	1768 lm	1516 lm	RGBW	18W 24Vdc 4ch RGBW	III
2112P/RCRCXX	1768 lm	1516 lm	RGBW	18W 24Vdc 4ch RGBW	III

Beam
 XX=NB (Spot 12°)
 XX=MB (Flood 25°)
 XX=WB (Wide Flood 40°)

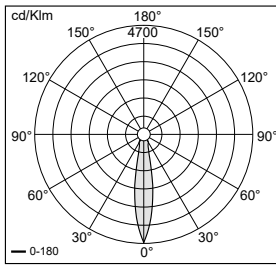
Adjustable Direct Emission
 Silk-Screen Clear Glass

RGBW ACCESSORIES

	AC2112 Anti-glare visor in AISI430F steel, polyester powder coated Screws included		AR2112 Visor with adjustable fins in AISI430F steel, polyester powder coated Screws included
	AF2112 Grid in AISI430F steel painted with polyester powder Screws included		AB2112 Arm for wall/ceiling extension (other sizes on request) in AISI430F steel polyester powder coated Screws and connectors included
	MOR686P/2V IP68 2ways/3poles connector. Maximum section 6x2.5mm		MOR686P/3V IP68 3ways/3poles branch connector. Maximum section 6x2.5mm
	E.CEN.001 Remote controller Dali/DMX BUS Remote 4ch 12/24Vdc on DIN rail		Remote Driver 24V E.TRA.570 120W 24Vdc IP20 E.TRA.569 240W 24Vdc IP20 E.TRA.568 480W 24Vdc IP20
	E.CNT.001 Remote control touch keyboard 4ch RGBW 100-240V		

KUBO12

PHOTOMETRICS DATA

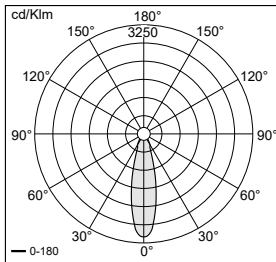


Dist. (m)	Em (Lux)	E _{max} (Lux)
1.0	3197	4680
2.0	799	1170
3.0	355	520
4.0	199	292
5.0	127	187

2112W/NC35NB
Spot

CCT : 4000K
Power : 14W
System : 1242 lm
Effic. : 88.7 lm/W

I_{max} : 4680 cd/Klm
LOR : 70.6 %
Ø_α : 1.8m Ø_β : 1.8m
α : 19.2° β : 19.2°

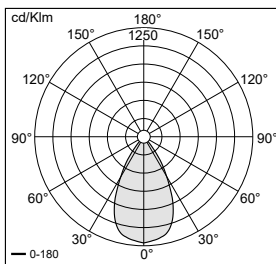
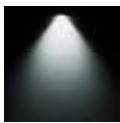


Dist. (m)	Em (Lux)	E _{max} (Lux)
1.0	2307	3202
2.0	576	801
3.0	256	356
4.0	144	200
5.0	92	128

2112W/NC35MB
Flood

CCT : 4000K
Power : 14W
System : 1214 lm
Effic. : 86.7 lm/W

I_{max} : 3202 cd/Klm
LOR : 69 %
Ø_α : 2.5m Ø_β : 2.5m
α : 26.2° β : 26.2°



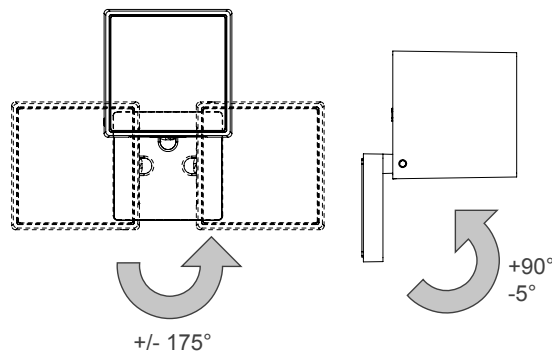
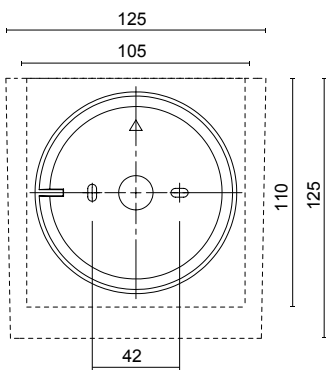
Dist. (m)	Em (Lux)	E _{max} (Lux)
1.0	896	1206
2.0	224	302
3.0	100	134
4.0	56	75
5.0	36	48

2112W/NC35WB
Wide Flood

CCT : 4000K
Power : 14W
System : 1232 lm
Effic. : 88 lm/W

I_{max} : 1206 cd/Klm
LOR : 60.3 %
Ø_α : 5.6m Ø_β : 5.6m
α : 49.6° β : 49.6°

ASSEMBLY



CHARACTERISTICS

- Adjustable luminaire on two vertical/horizontal planes with screw tightening.
- Supplied pre-wired with 50cm H05RN-F 3x1mmq cable and IP68 cable gland.
- Optical/Driver section not accessible during installation.
- LED maintenance can be carried out by disassembling the optical compartment and dissipator (2 screws).
- Fixed or Dali dimmable system for monochromatics LEDs.
- RGBW system for multichip LEDs.
- Luminaire Conforms to EN60598-1 Standard and special requirements

MATERIALS

- Body in die casting aluminium alloy.
- Extra Clear Tempered Glass 4mm with silk-screen printing. - trasmissione LT>90%.
- Seals in EDPM closed cell rubber, UV- resist. Tx -40/+150°C.
- Glass gasket in neutral cross-linking silicone glue - Tx-50/+250°C UV resist.
- Integrated passive heat sink made of aluminium alloy
- Internal and external screws in A2 Stainless Steel
- M16 IP68 brass cable gland
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

VEGA



VEGA



VEGA



APPLICATION



Adjustable luminaire suitable to be installed on the wall, ceiling or on the ground as a stand-alone projector or with spike support. Equipped with secondary optics for different light distributions, it is composed of an insulating base (or picket) in PC that allows you to install the fixture directly on the ground without oxidation phenomena. All versions integrate a quick rotation / adjustment system on the horizontal plane by means of a toothed ring nut, without using any tools. LED source with built-in driver. Available Dali dimmable on request with extra charge.

VEGA

SPECIFICATIONS



Art.2700W Installation: Wall/Ceiling/Ground

Art.2700P Picket installation

- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- 2700P supplied with plastic stake PA6
- Supplied with 3x1mm² cable 300mm long
- **IP68 connector available on request**



LED SYSTEM WITH BUILT-IN DRIVER

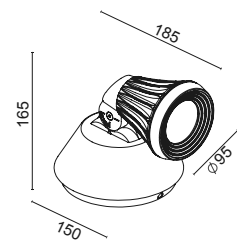
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
2700W/WC35.XX	1835 lm	1288 lm	3000 K	80	14W 220-240Vac 50/60Hz	I
2700W/NC35.XX	1925 lm	1351 lm	4000 K	80	14W 220-240Vac 50/60Hz	I
2700P/WC35.XX	1835 lm	1288 lm	3000 K	80	14W 220-240Vac 50/60Hz	I
2700P/NC35.XX	1925 lm	1351 lm	4000 K	80	14W 220-240Vac 50/60Hz	I

Beam
 XX=NB (Spot 18°)
 XX=MB (Flood 29°)
 XX=WB (Wide Flood 38°)

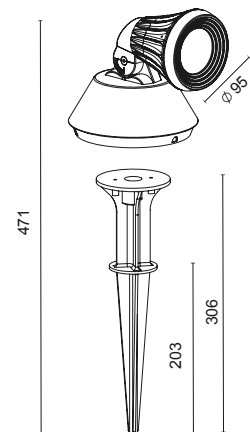
Adjustable Direct Emission
 Silk-Screen Clear Glass

Dali dimmable on request
 with extra charge

DIMENSIONS

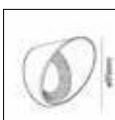


2700W



2700P

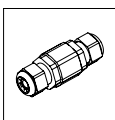
ACCESSORIES



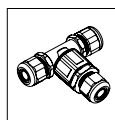
AC2700
 Anti-glare visor in AISI430F steel, polyester powder coated
 Screws included



AF2700
 Grid in AISI430F steel painted with polyester powder
 Screws included



MOR683P/2V
 IP68 2ways/3poles connector.
 Maximum section 3x2.5mm



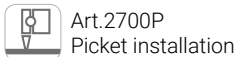
MOR683P/3V
 IP68 3ways/3poles branch connector. Maximum section 3x2.5mm

STANDARD COLOURS



VEGA

SPECIFICATIONS



- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- The data in the table refer to the configuration with all channels on (100%)
- The total power of the system depends on the number and type of devices envisaged. Depending on the project, it may be necessary to use "n" single power supply devices.
- **IP68 component-holder box available only on request**
- **24V remote driver to be ordered separately**
- **Remote DMX controller/Accessories are to be ordered separately**
- **Connecting cables with plugs must be ordered separately and configured according to the project**



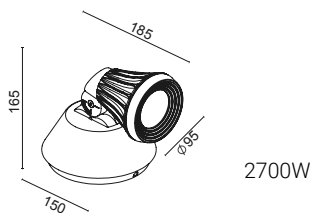
RGBW LED SYSTEM WITH 24Vdc REMOTE DRIVER

COD.	Source Flux	Fixture Flux	CCT-CRI	Power	CL
Z700W/RCRC.XX	280 lm	188 lm	RGBW	5W 24Vdc 4ch RGBW	III
Z700P/RCRC.XX	280 lm	188 lm	RGBW	5W 24Vdc 4ch RGBW	III

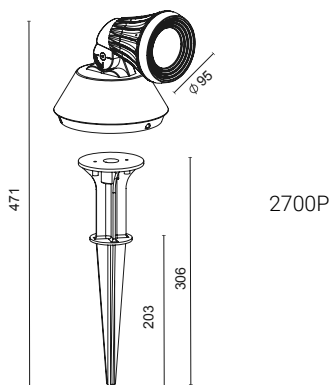
Beam
 XX=NB (Spot 10°)
 XX=MB (Flood 25°)
 XX=WB (Wide Flood 40°)

Adjustable Direct Emission
 Silk-Screen Clear Glass

DIMENSIONS



2700W

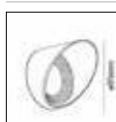


2700P

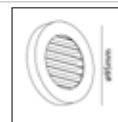
STANDARD COLOURS



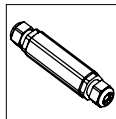
RGBW ACCESSORIES



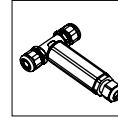
AC2700
 Anti-glare visor in AISI430F steel, polyester powder coated
 Screws included



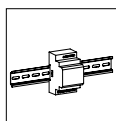
AF2700
 Grid in AISI430F steel painted with polyester powder
 Screws included



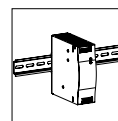
MOR686P/2V
 IP68 2ways/3poles connector.
 Maximum section 6x2.5mm



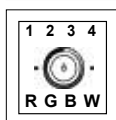
MOR686P/3V
 IP68 3ways/3poles branch connector. Maximum section 6x2.5mm



E.CEN.001
 Remote controller Dali/DMX BUS
 Remote 4ch 12/24Vdc on DIN rail



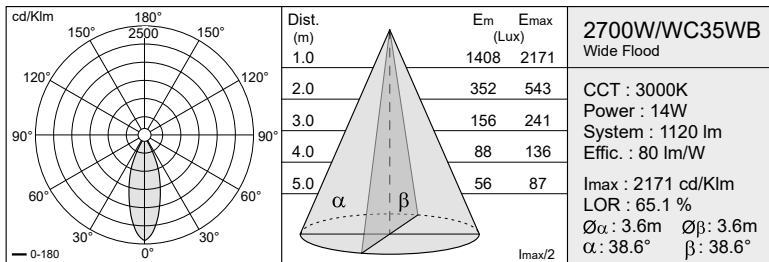
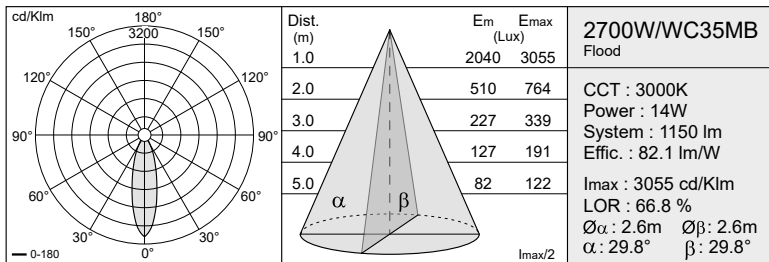
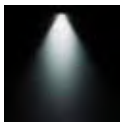
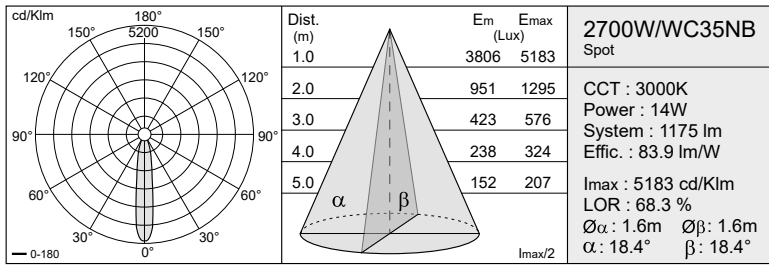
Remote Driver 24V
E.TRA.570 120W 24Vdc IP20
E.TRA.569 240W 24Vdc IP20
E.TRA.568 480W 24Vdc IP20



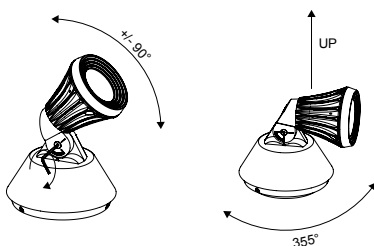
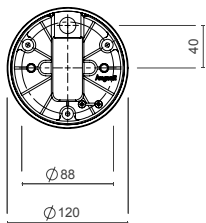
E.CNT.001
 Remote control touch keyboard
 4ch RGBW 100-240V

VEGA

PHOTOMETRICS DATA



ASSEMBLY



CHARACTERISTICS

- Adjustable luminaire on two vertical/horizontal planes with screw tightening.
- Optical/Driver section not accessible during installation.
- Separate driver compartment accessible through the base with IP68 cable gland.
- Connection to the power supply network M16 cable gland for cables with a maximum diameter of 10mm, type H07RN-F 3x1.5 or similar.
- Connection terminal block inside the driver compartment.
- Version with COB LED with direct power supply in AC 230V.
- LED maintenance can be carried out by removing the optical compartment (3 screws).
- Driver maintenance by disassembling the base.
- Fixed or Dali dimmable system for monochromatics LEDs.
- RGBW system for multichip LEDs with remote control.
- Luminaire Conforms to EN60598-1 Standard and special requirements

MATERIALS

- Body in die casting aluminium alloy.
- Base in molded Polycarbonate (PC)UV resit. GWT960°C
- Extra Clear Tempered Glass 4mm with silk-screen printing. - trasmissione LT>90%.
- Seals in EDPM closed cell rubber, UV- resist. Tx -40/+150°C.
- Integrated passive heat sink made of aluminium alloy
- Internal and external screws in A2 Stainless Steel
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

ABILIS

ABILIS



ABILIS





ABILIS



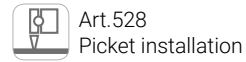
APPLICATION



Abilis is a product made with high quality materials that make it excellent and reliable for outdoor use. Thanks to the possibility of wall or floor installation and the two color variants of the shell, Abilis is an extremely versatile product that can be adapted to any setting requirement. Its particular structure allows it to be oriented in such a way as to recreate atmospheres of great effect. The modern but elegant shapes make Abilis a product of sure impact, able to cover your outdoor spaces with style and refinement. Abilis is the result of a detailed design and technology study.

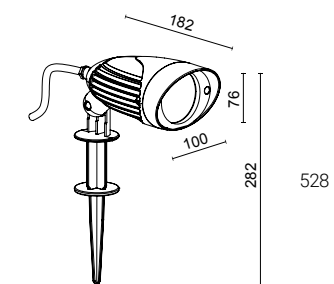
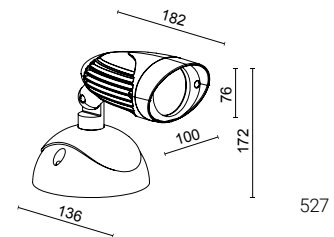
ABILIS

SPECIFICATIONS



- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- 528 supplied with plastic stake PA6
- 528 Supplied with 3x1mm² cable 300mm long
- **IP68 connector available on request**

DIMENSIONS



STANDARD COLOURS



LED SYSTEM WITH BUILT-IN DRIVER

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
527-...LDX3	1140 lm	780 lm	3000 K	80	9W 220-240Vac 50/60Hz	I
527-...LDX4	1200 lm	520 lm	4000 K	80	9W 220-240Vac 50/60Hz	I

Beam
X=NB (Spot 20°)
X=MB (Flood 35°)
X=WB (Wide Flood 55°)

Adjustable Direct Emission
Silk-Screen Clear Glass

Dali dimmable on request
with extra charge



LED DIRECT AC SYSTEM

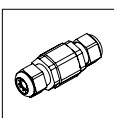
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
528-...LDX3	680 lm	476 lm	3000 K	80	7W 220-240Vac 50/60Hz	I
528-...LDX4	700 lm	490 lm	4000 K	80	7W 220-240Vac 50/60Hz	I

Beam
X=NB (Spot 19°)
X=MB (Flood 28°)
X=WB (Wide Flood 44°)

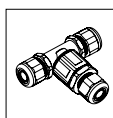
Adjustable Direct Emission
Silk-Screen Clear Glass

Not dimmable

ACCESSORIES



MOR683P/2V
IP68 2ways/3poles connector.
Maximum section 3x2.5mm



MOR683P/3V
IP68 3ways/3poles branch
connector. Maximum section
3x2.5mm

LUNOS

LUNOS MINI



LUNOS



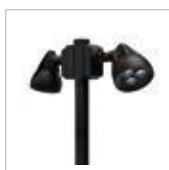
LUNOS MAXI



LINKED PRODUCTS



LUNOS SMALL POLE
Pag. 376



LUNOS URBAN
Pag. 474



LUNOS MINI



APPLICATION

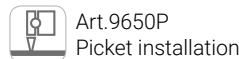


Adjustable fixture, suitable for wall, ceiling or floor installation as a stand-alone projector or with spike support. Equipped with secondary optics for different light distributions, and a wide choice of ACCESSORIES useful for controlling the flow and visual comfort. Available with monochromatic LED version in fixed output. Versions on request with extra charge: dimmable Dali, RGBW for DMX-RDM.

FLOODLIGHTS

LUNOS MINI

SPECIFICATIONS



- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- 9650P supplied with plastic stake PA6
- 9650P Supplied with 3x1mm² cable 300mm long
- **IP68 connector available on request**



LED SYSTEM WITH BUILT-IN DRIVER

REVIEW

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
9650W/WC0.XX	1590 lm	1110 lm	3000 K	80	15W 220-240Vac 50/60Hz	I
9650W/NC0.XX	1650 lm	1170 lm	4000 K	80	15W 220-240Vac 50/60Hz	I
9650P/WC0.XX	1590 lm	1110 lm	3000 K	80	15W 220-240Vac 50/60Hz	I
9650P/NC0.XX	1650 lm	1170 lm	4000 K	80	15W 220-240Vac 50/60Hz	I

Beam
 XX=NB (Spot 10°)
 XX=MB (Flood 26°)
 XX=WB (Wide Flood 56°)

Adjustable Direct Emission
 Silk-Screen Clear Glass

Dali dimmable on request
 with extra charge



LED DIRECT AC SYSTEM

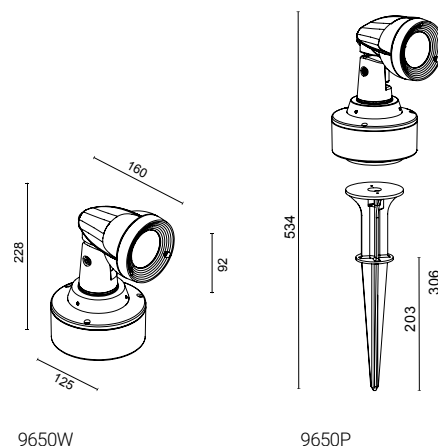
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
9650W/WCA.XX	680 lm	476 lm	3000 K	80	7W 220-240Vac 50/60Hz	I
9650W/NCA.XX	700 lm	490 lm	4000 K	80	7W 220-240Vac 50/60Hz	I
9650P/WCA.XX	680 lm	476 lm	3000 K	80	7W 220-240Vac 50/60Hz	I
9650P/NCA.XX	700 lm	490 lm	4000 K	80	7W 220-240Vac 50/60Hz	I

Beam
 XX=NB (Spot 20°)
 XX=WB (Wide Flood 40°)

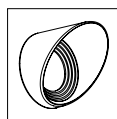
Adjustable Direct Emission
 Silk-Screen Clear Glass

Not dimmable

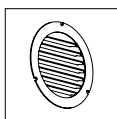
DIMENSIONS



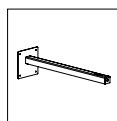
ACCESSORIES



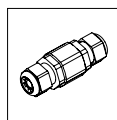
AC9650
 Anti-glare visor in AISI430F steel, polyester powder coated
 Screws included



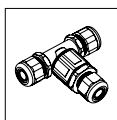
AF9650
 Grid in AISI430F steel painted with polyester powder
 Screws included



AB9650
 Arm for wall/ceiling extension (other sizes on request) in AISI430F steel
 polyester powder coated
 Screws and connectors included



MOR683P/2V
 IP68 2ways/3poles connector.
 Maximum section 3x2.5mm



MOR683P/3V
 IP68 3ways/3poles branch connector. Maximum section 3x2.5mm

STANDARD COLOURS



LUNOS MINI

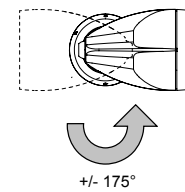
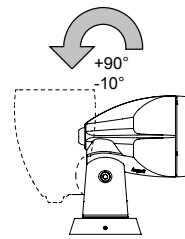
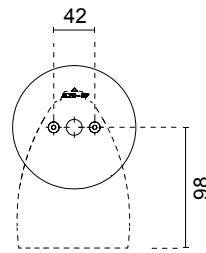
CHARACTERISTICS

- Adjustable luminaire on two vertical/horizontal planes with screw tightening and graduated ring nut.
- Optical/Driver section not accessible during installation.
- LED maintenance can be carried out by removing the optical compartment (3 screws).
- Driver maintenance from the special compartment separate from the optical unit.
- Fixed or Dali dimmable system for monochromatics LEDs.
- RGBW system for multichip LEDs with remote driver.
- Version with COB LED with direct power supply in AC 230V.
- Luminaire Conforms to EN60598-1 Standard and special requirements

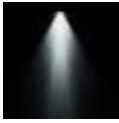
MATERIALS

- Body in die casting aluminium alloy.
- Extra Clear Tempered Glass 4mm with silk-screen printing. - trasmissione LT>90%.
- Seals in EDPM closed cell rubber, UV- resist. Tx -40/+150°C.
- Integrated passive heatsink in extrusion aluminium alloy.
- Internal and external screws in A2 Stainless Steel
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

ASSEMBLY



PHOTOMETRICS DATA



	<table border="1"> <thead> <tr> <th>Dist. (m)</th> <th>Em (Lux)</th> <th>E_{max} (Lux)</th> </tr> </thead> <tbody> <tr><td>1</td><td>1484</td><td>3176</td></tr> <tr><td>2</td><td>371</td><td>794</td></tr> <tr><td>3</td><td>165</td><td>353</td></tr> <tr><td>4</td><td>93</td><td>198</td></tr> <tr><td>5</td><td>59</td><td>127</td></tr> </tbody> </table>	Dist. (m)	Em (Lux)	E _{max} (Lux)	1	1484	3176	2	371	794	3	165	353	4	93	198	5	59	127	<p>9650W/NC0.MB Medium Beam</p> <p>CCT : 4000K Power : 7W System : 724 lm Effic. : 103 lm/W</p> <p>I_{max} : 3568 cd/Klm LOR : 81.3 % Ø_α : 2.3m Ø_β : 2.3m α : 25.4° β : 25.4°</p>
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		Dist. (m)	Em (Lux)	E _{max} (Lux)																
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LUNOS



APPLICATION



Adjustable fixture, suitable for wall, ceiling or floor installation as a stand-alone projector or with spike support. Equipped with secondary optics for different light distributions, and a wide choice of ACCESSORIES useful for controlling the flow and visual comfort. Available with monochromatic LED version in fixed output. Versions on request with extra charge: dimmable Dali, RGBW for DMX-RDM.



LED SYSTEM WITH BUILT-IN DRIVER

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
9600W/WC3.XX	3190 lm	2650 lm	3000 K	80	27W 220-240Vac 50/60Hz	I
9600W/NC3.XX	3340 lm	2780 lm	4000 K	80	27W 220-240Vac 50/60Hz	I
9600P/WC3.XX	3190 lm	2650 lm	3000 K	80	27W 220-240Vac 50/60Hz	I
9600P/NC3.XX	3340 lm	2780 lm	4000 K	80	27W 220-240Vac 50/60Hz	I

Beam
 XX=NB (Spot 14°)
 XX=MB (Flood 24°)
 XX=WB (Wide Flood 45°)

Adjustable Direct Emission
 Silk-Screen Clear Glass

Dali dimmable on request
 with extra charge



LED ARRAY SYSTEM WITH BUILT-IN DRIVER

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
9600W/WP4.XX	2130 lm	1527 lm	3000 K	80	18W 220-240Vac 50/60Hz	I
9600W/NP4.XX	2270 lm	1632 lm	4000 K	80	18W 220-240Vac 50/60Hz	I
9600P/WP4.XX	2130 lm	1527 lm	3000 K	80	18W 220-240Vac 50/60Hz	I
9600P/NP4.XX	2270 lm	1632 lm	4000 K	80	18W 220-240Vac 50/60Hz	I

Beam
 XX=NB (Spot 20°)
 XX=MB (Flood 32°)
 XX=WB (Wide Flood 50°)

Adjustable Direct Emission
 Silk-Screen Clear Glass

Dali dimmable on request
 with extra charge

FLOODLIGHTS

LUNOS

SPECIFICATIONS

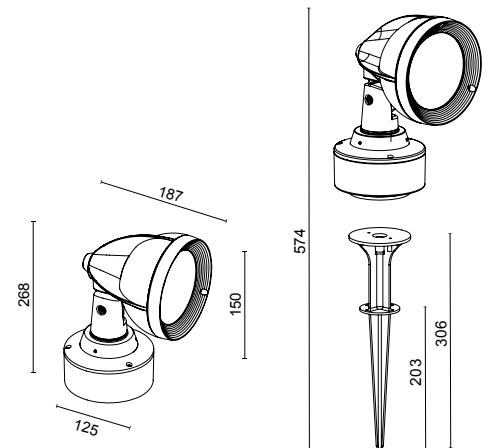


Art.9600W Installation:
 Wall/Ceiling/Ground

Art.9600P
 Picket installation

- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- 9600P supplied with plastic stake PA6
- 9600P Supplied with 3x1mm² cable 300mm long
- **IP68 connector available on request**

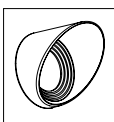
DIMENSIONS



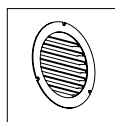
9600W

9600P

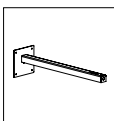
ACCESSORIES



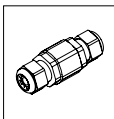
AC9600
 Anti-glare visor in AISI430F steel,
 polyester powder coated
 Screws included



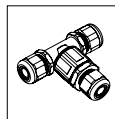
AF9600
 Grid in AISI430F steel painted with
 polyester powder
 Screws included



AB9600
 Arm for wall/ceiling extension (other
 sizes on request) in AISI430F steel
 polyester powder coated
 Screws and connectors included



MOR683P/2V
 IP68 2ways/3poles connector.
 Maximum section 3x2.5mm



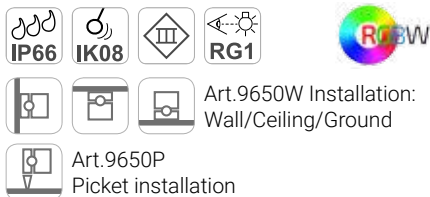
MOR683P/3V
 IP68 3ways/3poles branch
 connector. Maximum section
 3x2.5mm

STANDARD COLOURS



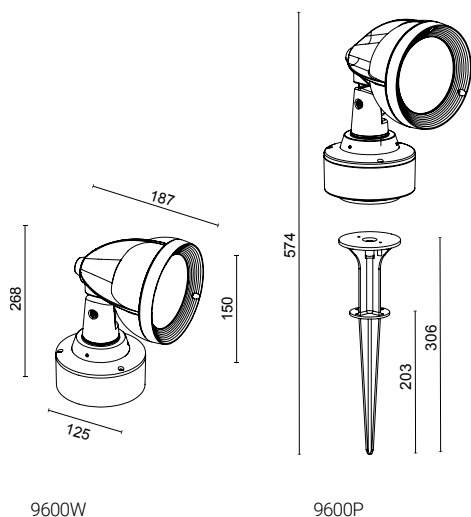
LUNOS

SPECIFICATIONS



- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- The data in the table refer to the configuration with all channels on (100%)
- The total power of the system depends on the number and type of devices envisaged. Depending on the project, it may be necessary to use "n" single power supply devices.
- **IP68 component-holder box available only on request**
- **24V remote driver to be ordered separately**
- **Remote DMX controller/Accessories are to be ordered separately**
- **Connecting cables with plugs must be ordered separately and configured according to the project**

DIMENSIONS



9600W

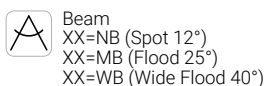
9600P

STANDARD COLOURS



RGBW LED SYSTEM WITH 24Vdc REMOTE DRIVER

COD.	Source Flux	Fixture Flux	CCT-CRI	Power	CL	
9600W/RGB.XX	1768 lm	1516 lm	RGBW	18W 24Vdc 4ch RGBW	III	--
9600P/RGB.XX	1768 lm	1516 lm	RGBW	18W 24Vdc 4ch RGBW	III	--

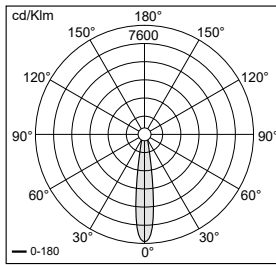


RGBW ACCESSORIES

	AC9600 Anti-glare visor in AISI430F steel, polyester powder coated Screws included		AF9600 Grid in AISI430F steel painted with polyester powder Screws included
	MOR686P/2V IP68 2ways/3poles connector. Maximum section 6x2.5mm		MOR686P/3V IP68 3ways/3poles branch connector. Maximum section 6x2.5mm
	E.CEN.001 Remote controller Dali/DMX BUS Remote 4ch 12/24Vdc on DIN rail		Remote Driver 24V E.TRA.570 120W 24Vdc IP20 E.TRA.569 240W 24Vdc IP20 E.TRA.568 480W 24Vdc IP20
	E.CNT.001 Remote control touch keyboard 4ch RGBW 100-240V		AB9600 Arm for wall/ceiling extension (other sizes on request) in AISI430F steel polyester powder coated Screws and connectors included

LUNOS

PHOTOMETRICS DATA

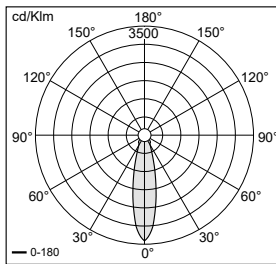
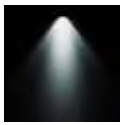


Dist. (m)	Em (Lux)	E _{max} (Lux)
1.0	5654	7557
2.0	1413	1889
3.0	628	840
4.0	353	472
5.0	226	302

9600W/WC3.NB
Spot

CCT : 3000K
Power : 27W
System : 2740 lm
Effic. : 101.1 lm/W

I_{max} : 7557 cd/Klm
LOR : 73 %
Ø_α : 1.4m Ø_β : 1.4m
α : 15.3° β : 15.3°

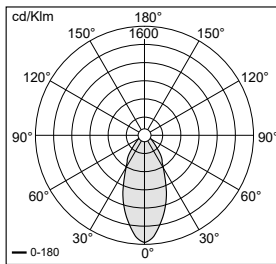


Dist. (m)	Em (Lux)	E _{max} (Lux)
1.0	2346	3442
2.0	586	860
3.0	261	382
4.0	147	215
5.0	94	138

9600W/WC3.MB
Flood

CCT : 3000K
Power : 27W
System : 2660 lm
Effic. : 98.2 lm/W

I_{max} : 3442 cd/Klm
LOR : 70.9 %
Ø_α : 2.2m Ø_β : 2.2m
α : 24.3° β : 24.3°



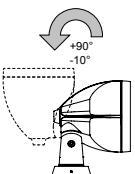
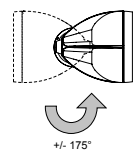
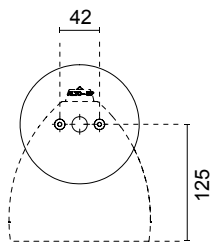
Dist. (m)	Em (Lux)	E _{max} (Lux)
1.0	957	1519
2.0	239	380
3.0	106	169
4.0	60	95
5.0	38	61

9600W/WC3.WB
Wide Flood

CCT : 3000K
Power : 27W
System : 2650 lm
Effic. : 98.1 lm/W

I_{max} : 1519 cd/Klm
LOR : 70.7 %
Ø_α : 4.2m Ø_β : 4.2m
α : 45.8° β : 45.8°

ASSEMBLY



CHARACTERISTICS

- Adjustable luminaire on two vertical/horizontal planes with screw tightening and graduated ring nut.
- Optical/Driver section not accessible during installation.
- LED maintenance can be carried out by removing the optical compartment (3 screws).
- Driver maintenance from the special compartment separate from the optical unit.
- Fixed or Dali dimmable system for monochromatic LEDs.
- RGBW system for multichip LEDs with remote driver.
- Luminaire Conforms to EN60598-1 Standard and special requirements

MATERIALS

- Body in die casting aluminium alloy.
- Extra Clear Tempered Glass 4mm with silk-screen printing. - trasmissione LT>90%.
- Seals in EDPM closed cell rubber, UV- resist. Tx -40/+150°C.
- Integrated passive heat sink made of aluminium alloy
- Internal and external screws in A2 Stainless Steel
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

LUNOS MAXI



APPLICATION



Adjustable fixture, suitable for wall, ceiling or floor installation as a stand-alone projector or with spike support. Equipped with secondary optics for different light distributions, and a wide choice of ACCESSORIES useful for controlling the flow and visual comfort. Available with monochromatic LED version in fixed output. Versions on request with extra charge: dimmable Dali, RGBW for DMX-RDM.

FLOODLIGHTS

LUNOS MAXI

SPECIFICATIONS



Installation:
Wall/Ceiling/Ground

- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver



LED SYSTEM WITH BUILT-IN DRIVER

REVIEW

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
9710W/WC50XX	5500 lm	4230 lm	3000 K	80	58W 220-240Vac 50/60Hz	I
9710W/NC50XX	5700 lm	4400 lm	4000 K	80	58W 220-240Vac 50/60Hz	I

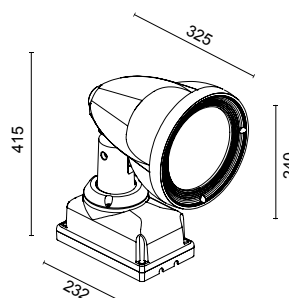
Beam
XX=NB (Spot 10°)
XX=MB (Flood 38°)
XX=WB (Wide Flood 56°)

Adjustable Direct Emission
Silk-Screen Clear Glass

Dali dimmable on request
with extra charge



DIMENSIONS



LED ARRAY SYSTEM WITH BUILT-IN DRIVER

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
9700W/WP4.XX	4720 lm	3400 lm	3000 K	80	36W 220-240Vac 50/60Hz	I
9700W/NP4.XX	4890 lm	3520 lm	4000 K	80	36W 220-240Vac 50/60Hz	I

Beam
XX=NB (Spot 20°)
XX=MB (Flood 32°)
XX=WB (Wide Flood 50°)

Adjustable Direct Emission
Silk-Screen Clear Glass

Dali dimmable on request
with extra charge

STANDARD COLOURS



LUNOS MAXI

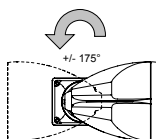
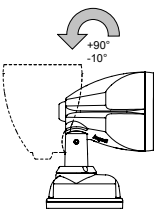
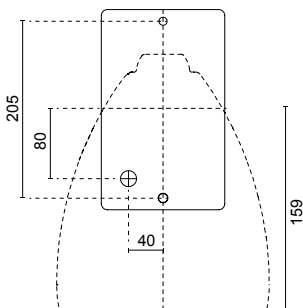
CHARACTERISTICS

- Adjustable luminaire on two vertical/horizontal planes with screw tightening and graduated ring nut.
- Optical/Driver section not accessible during installation.
- LED maintenance can be carried out by removing the optical compartment (3 screws).
- Driver maintenance from the special compartment separate from the optical unit.
- Fixed or Dali dimmable system for monochromatic LEDs.
- Luminaire Conforms to EN60598-1 Standard and special requirements

MATERIALS

- Body in die casting aluminium alloy.
- Float Glass extra-clear s=6mm with serigraphy - trasmissione LT>90%.
- Seals in EDPM closed cell rubber, UV- resist. Tx -40/+150°C.
- Integrated passive heatsink in extrusion aluminium alloy.
- Internal and external screws in A2 Stainless Steel
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

ASSEMBLY







—

WALL RECESSED

—

ANTARES-R ROUND



ANTARES-R SQUARE



ANTARES RECESSED

LINKED PRODUCTS



ANTARES WALL
Pag. 96



ANTARES-R



APPLICATION



Round wall recessed luminaire, characterized by an Asymmetric Emission which makes it ideal for illuminating walkways, pedestrian paths and all those applications where it mainly needs an adequate level of visibility on the horizontal plane. Dali dimmable on request with extra charge.

WALL RECESSED

ANTARES-R

SPECIFICATIONS



Installation:
Wall recessed

- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- Supplied with flush-mounted box in AISI430F stainless steel
- **IP68 terminal block to be ordered separately**



LED SYSTEM WITH BUILT-IN DRIVER

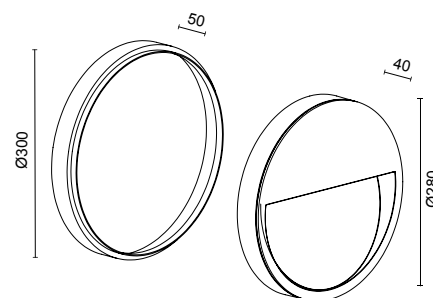
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
8420R/WR50VT	1800 lm	630 lm	3000K	>80	13W - 220-240Vac 50/60Hz	I	1
8420R/NR50VT	1890 lm	665 lm	4000K	>80	13W - 220-240Vac 50/60Hz	I	1

Beam >35°

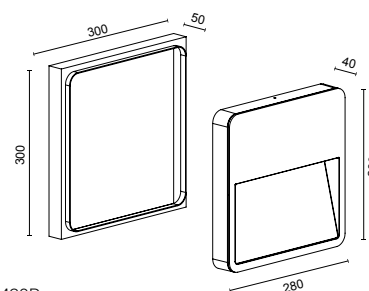
Asymmetric Emission
Silk-Screen Clear Glass

Dali dimmable on request
with extra charge

DIMENSIONS



8420R



8430R



LED SYSTEM WITH BUILT-IN DRIVER

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
8430R/WR50VT	1800 lm	630 lm	3000K	>80	13W - 220-240Vac 50/60Hz	I	1
8430R/NR50VT	1890 lm	665 lm	4000K	>80	13W - 220-240Vac 50/60Hz	I	1

Beam >35°

Asymmetric Emission
Silk-Screen Clear Glass

Dali dimmable on request
with extra charge

STANDARD COLOURS

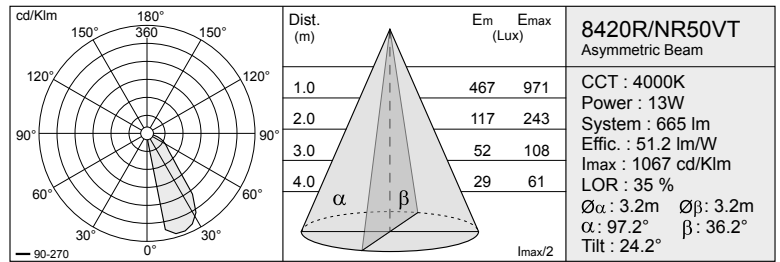


ANTARES-R

CHARACTERISTICS

- Independent optical compartment not accessible during installation
- LED maintenance by opening the optical compartment - Augenti proprietary module not compatible with Zhaga.
- Driver maintenance by opening the optical compartment.
- Luminaire supplied with power cable type H05RN-F 3x1mmq Length 300mm
- Connection to the power supply through crimp connectors and insulation with heat shrinkable sheaths (standard equipment)
- Available with separate built-in driver, with the possibility of Dali dimming
- Supplied with flush-mounted box and body connection springs.
- Appliance Complies with EN60598-1 Standard and special requirements

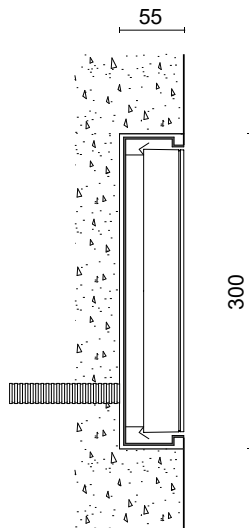
PHOTOMETRICS DATA



MATERIALS

- Extra-clear Float glass s = 4mm with silk-screen printing
- Die-cast aluminum body
- Heatsink integrated into the die-cast aluminum fixture
- EPDM rubber gaskets T_{max} 120 ° C resistant to UV rays
- Flush-mounting box in AISI430F stainless steel
- Brackets (internal / external) in AISI430F stainless steel
- A2 stainless steel screws
- Corrosion and salt spray resistant polyester powder coating (ISO7523)

ASSEMBLY



Art.8420R
(ØxH) 300x55mm

Art.8430R
(LxWxH) 300x300x55mm



GEMINI

GEMINI





WALL RECESSED

GEMINI



APPLICATION



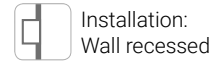
Gemini is a product made with high quality materials that guarantee maximum efficiency in outdoor use. Elegant in shape, Gemini is a wall-mountable product suitable for any type of setting that guarantees optimal light propagation and maximum yield over time. Gemini is synonymous with style and technological innovation. Dali dimmable on request with extra charge.



WALL RECESSED

GEMINI

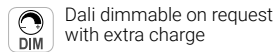
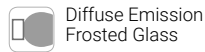
SPECIFICATIONS



- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- Supplied with Polypropylene PP recessed box GW750

LED SYSTEM WITH BUILT-IN DRIVER

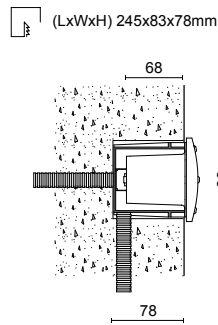
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
9300R/WC3.V5	1020 lm	400 lm	3000K	80	7.5W - 220-240Vac 50/60Hz	I
9300R/NC3.V5	1070 lm	418 lm	4000K	80	7.5W - 220-240Vac 50/60Hz	I



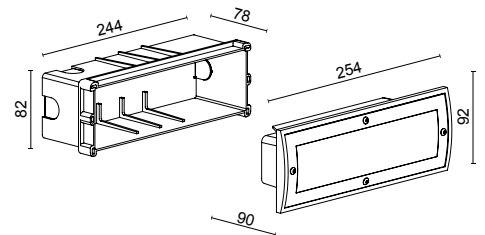
CHARACTERISTICS

- Wall recessed luminaire with cat.V2 polymer outer casing
- Optical system housing accessible during installation.
- Body / outer casing coupling system obtained by self-tapping screws.
- Power cable entry with internal 3-way terminal block for non-pass-through wiring.
- Power cable allowed up to 1.5mm² three-pole with external sheath max. 11mm.
- Built-in LED Driver system
- LED maintenance can be carried out by removing the screws of the optical compartment.
- Luminaire Conforms to EN60598-1 Standard and special requirements

ASSEMBLY



DIMENSIONS



MATERIALS

- Fixture/Base in die-cast aluminum alloy.
- Closing ring pressed in polished AISI316L steel.
- Recessed box in Polypropylene (PP) filled with 30% UV stabil. GWT750
- Borosilicate glass with internal acid-etched finish with transmission LT>60%.
- Molded gaskets in UV resist. Tx -40/+180°C.
- Integrated passive heatsink in Alloy Aluminum sheet.
- Internal and external screws in A2 Stainless Steel
- IP65 Megol resin cable gland UV-Resist. GWT850°C
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

STANDARD COLOURS



RECTA



RECTA MAXI



RECTA



RECTA MAXI

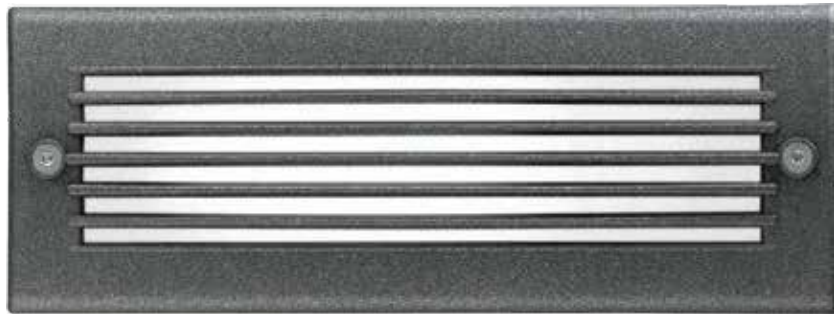


RECTA



WALL RECESSED

RECTA



APPLICATION

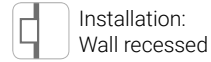


Recta is a product made with the highest quality materials that guarantee maximum outdoor performance. Wall-mounted, Recta is designed to last over time and ensure optimal light propagation. Elegant and refined, it will dress your outdoor spaces with style. Dali dimmable on request with extra charge.

WALL RECESSED

RECTA

SPECIFICATIONS

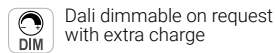


- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Supplied with Polypropylene PP recessed box GW750

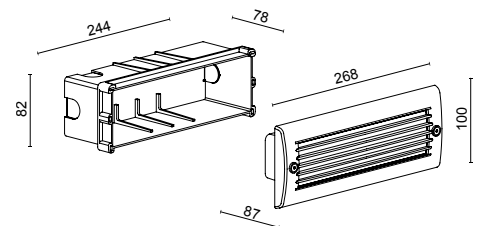


LED SYSTEM WITH BUILT-IN DRIVER

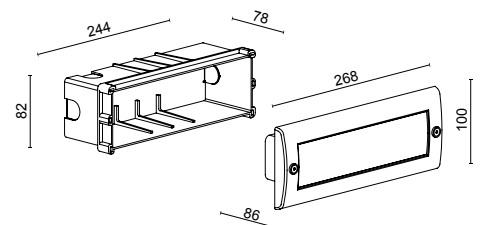
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
9450R/WC3.VS	1020 lm	265 lm	3000 K	80	9W - 220-240Vac 50/60Hz	I
9450R/NC3.VS	1070 lm	280 lm	4000 K	80	9W - 220-240Vac 50/60Hz	I



DIMENSIONS



9450R

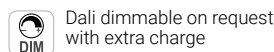
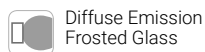


9550R

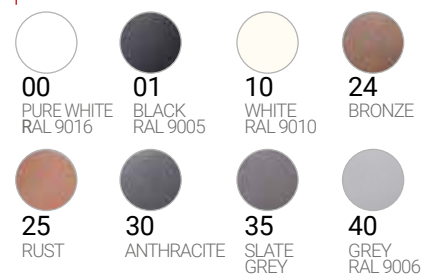


LED SYSTEM WITH BUILT-IN DRIVER

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
9550R/WC3.VS	1020 lm	345 lm	3000 K	80	9W - 220-240Vac 50/60Hz	I
9550R/NC3.VS	1070 lm	360 lm	4000 K	80	9W - 220-240Vac 50/60Hz	I



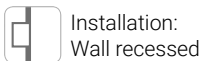
STANDARD COLOURS



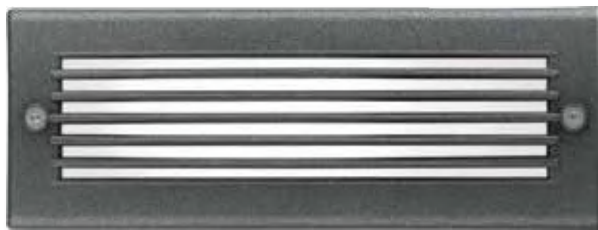
WALL RECESSED

RECTA MAXI

SPECIFICATIONS

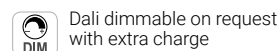
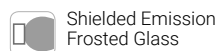


- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- Supplied with Polypropylene PP recessed box GW750

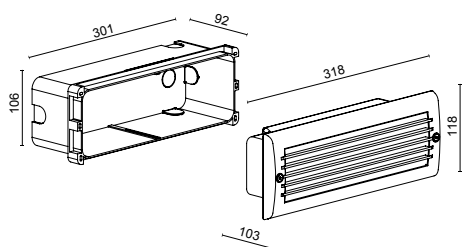


LED SYSTEM WITH BUILT-IN DRIVER

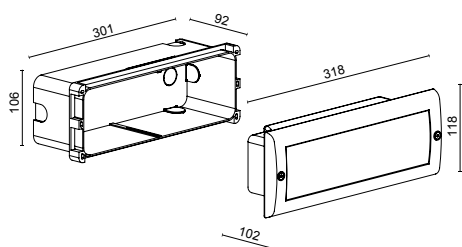
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
9400R/WC3.VS	1400 lm	320 lm	3000 K	80	11W - 220-240Vac 50/60Hz	I
9400R/NC3.VS	1470 lm	340 lm	4000 K	80	11W - 220-240Vac 50/60Hz	I



DIMENSIONS



9400R

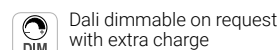


9500R

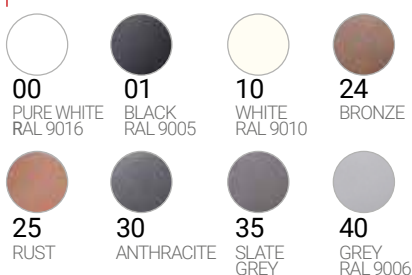


LED SYSTEM WITH BUILT-IN DRIVER

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
9500R/WC3.VS	1400 lm	670 lm	3000 K	80	11W - 220-240Vac 50/60Hz	I
9500R/NC3.VS	1470 lm	700 lm	4000 K	80	11W - 220-240Vac 50/60Hz	I



STANDARD COLOURS



RECTA

CHARACTERISTICS

- Wall recessed luminaire with cat.V2 polymer outer casing
- Optical system housing accessible during installation.
- Body / outer casing coupling system obtained by self-tapping screws.
- Power cable entry with internal 3-way terminal block for non-pass-through wiring.
- Power cable allowed up to 1.5mm² three-pole with external sheath max. 11mm.
- LED maintenance can be carried out by removing the screws of the optical compartment.
- Luminaire Conforms to EN60598-1 Standard and special requirements

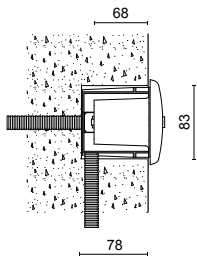
MATERIALS

- Fixture/Base in die-cast aluminum alloy.
- Closing ring in aluminum alloy for die casting.
- Recessed box in Polypropylene (PP) filled with 30% UV stabil. GWT750
- Borosilicate glass with internal acid-etched finish with transmission LT>60%.
- Molded gaskets in UV resist. Tx -40/+180°C.
- Integrated passive heatsink in Alloy Aluminum sheet.
- Internal and external screws in A2 Stainless Steel
- IP65 Megol resin cable gland UV-Resist. GWT850°C
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.



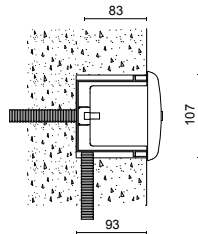
ASSEMBLY

(LxWxH) 245x83x78mm



9450 - 9550

(LxWxH) 302x107x93mm



9400 - 9500

SQUARE



SQUARE



SQUARE

LINKED PRODUCTS



SQUARE SMALL POLE
Pag. 386



WALL RECESSED

SQUARE



APPLICATION

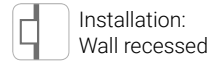


Square is an extremely massive and resistant product designed and created to ensure lighting solutions for the outdoor environment, especially in residential areas characterized by green areas and gardens. Mechanically built in such a way that the light is directed in a specific way, Square presents itself as a versatile and complete product that can be adapted at will. Finally, the LED source guarantees luminous efficiency and minimum energy consumption. Dali dimmable on request with extra charge.

WALL RECESSED

SQUARE

SPECIFICATIONS

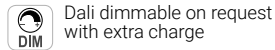
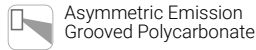


- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- Supplied with Polypropylene PP recessed box GW750

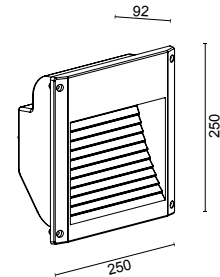


LED SYSTEM WITH BUILT-IN DRIVER

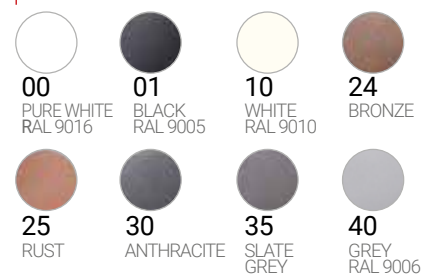
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
2900R/WR3.PR	1920 lm	510 lm	3000 K	80	15W - 220-240Vac 50/60Hz	I
2900R/NR3.PR	2020 lm	535 lm	4000 K	80	15W - 220-240Vac 50/60Hz	I



DIMENSIONS



STANDARD COLOURS



WALL RECESSED

SQUARE

SPECIFICATIONS

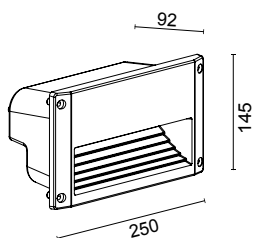


Installation:
Wall recessed

- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Supplied with Polypropylene PP recessed box GW750

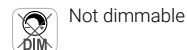


DIMENSIONS

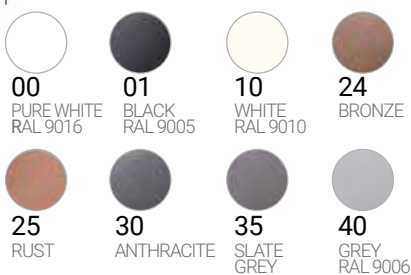


LED SYSTEM WITH BUILT-IN DRIVER

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
2950R/WR3.PR	1920 lm	510 lm	3000 K	80	15W - 220-240Vac 50/60Hz	I
2950R/NR3.PR	2020 lm	535 lm	4000 K	80	15W - 220-240Vac 50/60Hz	I

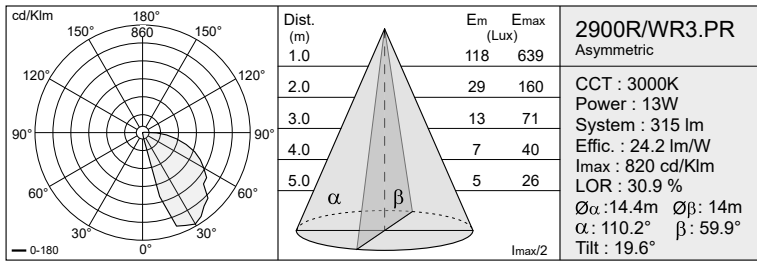


STANDARD COLOURS



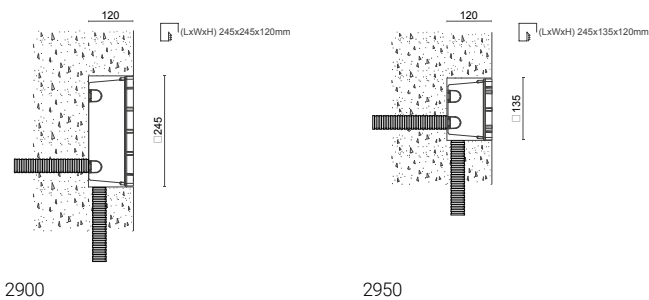
SQUARE

PHOTOMETRICS DATA



- Wall recessed luminaire with cat.V2 polymer outer casing
- Optical system housing accessible during installation.
- Body / outer casing coupling system obtained by self-tapping screws.
- Power cable entry with internal 3-way terminal block for non-pass-through wiring.
- Power cable allowed up to 1.5mm² three-pole with external sheath max. 11mm.
- LED maintenance can be carried out by removing the screws of the optical compartment.
- Luminaire Conforms to EN60598-1 Standard and special requirements

ASSEMBLY



MATERIALS

- Fixture/Base in die-cast aluminum alloy.
- Recessed box in Polypropylene (PP) filled with 30% UV stabil. GWT750
- Diffuser in Polycarbonate (PC) Prismatic transparent UV stab.GWT850
- Molded gaskets in UV resist. Tx -40/+180°C.
- Integrated passive heatsink in Alloy Aluminum sheet.
- Internal and external screws in A2 Stainless Steel
- IP65 Megol resin cable gland UV-Resist. GWT850°C
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.





QUADRA

LINKED PRODUCTS

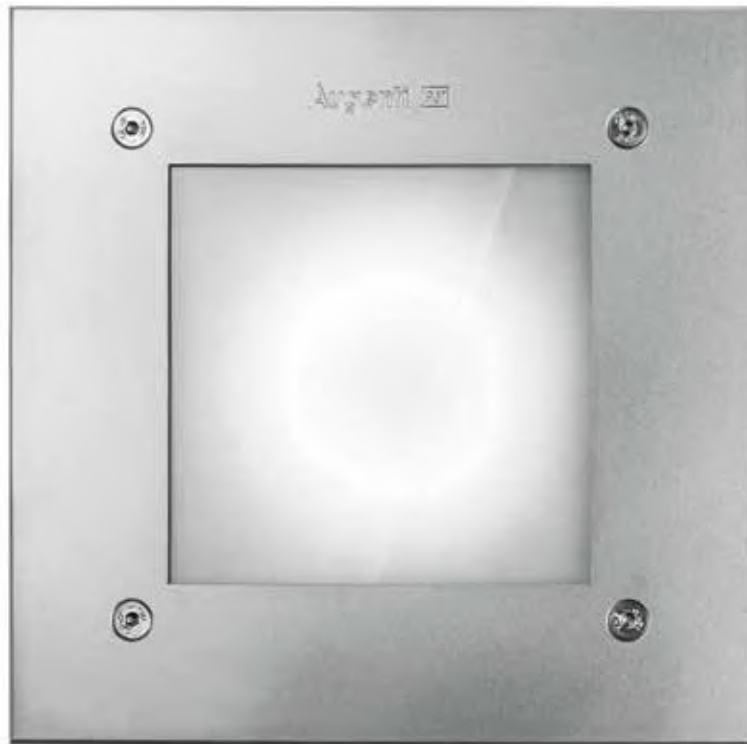


QUADRA WALL
Pag. 68



WALL RECESSED

QUADRA



APPLICATION



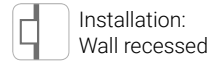
Series of outdoor luminaires applicable to wall and ceiling both as recessed and as ceiling mounted, a feature that makes them suitable for finding space in infinite types of applications, from the lighting of avenues to floor washers or for the diffused lighting of porches, also thanks to the provision of numerous LED sources and a high degree of protection IP65.

The series comes with two different emissions, one diffusing with the use of frosted shielding that avoids annoying glare, and an asymmetrical one for the illumination of horizontal surfaces. All this is accompanied by the supply of the polypropylene case for wall recessed applications.

WALL RECESSED

QUADRA

SPECIFICATIONS

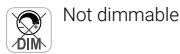
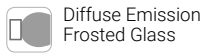


- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Supplied with Polypropylene PP recessed box GW750

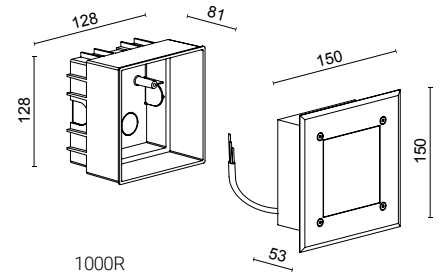


LED DIRECT AC SYSTEM

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
1000R/WR1.VS.99	450 lm	260 lm	3000 K	80	5W - 220-240Vac 50/60Hz	I
1000R/NR1.VS.99	475 lm	275 lm	4000 K	80	5W - 220-240Vac 50/60Hz	I



DIMENSIONS

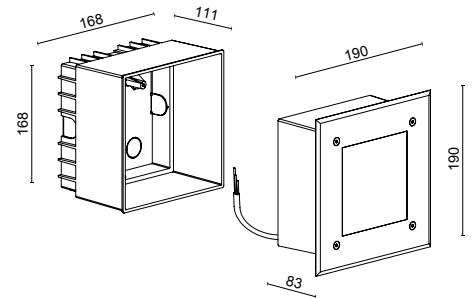
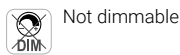


1000R



LED DIRECT AC SYSTEM

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
1002R/WR2.VS.99	1190 lm	597 lm	3000 K	80	13W - 220-240Vac 50/60Hz	I
1002R/NR2.VS.99	1210 lm	607 lm	4000 K	80	13W - 220-240Vac 50/60Hz	I



1002R

FRAME



99
STAINLESS STEEL AISI316L

WALL RECESSED

QUADRA

SPECIFICATIONS

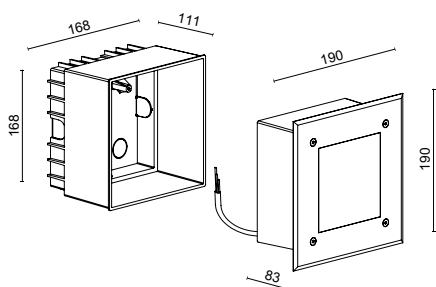


Installation:
Wall recessed

- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Supplied with Polypropylene PP recessed box GW750



DIMENSIONS



LED DIRECT AC SYSTEM

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
1004R/WR2.VT.99	1190 lm	382 lm	3000 K	80	13W - 220-240Vac 50/60Hz	I
1004R/NR2.VT.99	1210 lm	394 lm	4000 K	80	13W - 220-240Vac 50/60Hz	I



Beam
>100°



Asymmetric Diffuse Emission
Frosted Glass



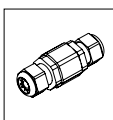
Not dimmable

FRAME

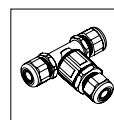


99
STAINLESS STEEL AISI316L

ACCESSORIES



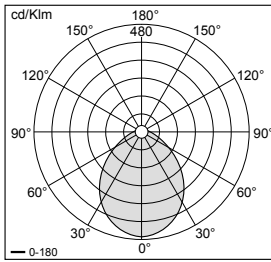
MOR683P/2V
IP68 2ways/3poles connector.
Maximum section 3x2.5mm



MOR683P/3V
IP68 3ways/3poles branch
connector. Maximum section
3x2.5mm

QUADRA

PHOTOMETRICS DATA

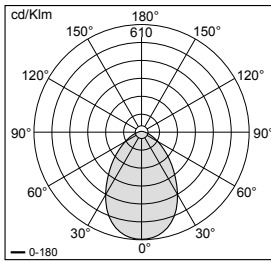


Dist. (m)	Em (Lux)	E _{max} (Lux)
1.0	202	477
2.0	51	119
3.0	23	53
4.0	13	30

1000R/NR1.VS
Diffuse Beam

CCT : 4000K
Power : 5W
System : 275 lm
Effic. : 49.1 lm/W

I_{max} : 477 cd/Klm
LOR : 57.9 %
Ø_α : 8.2m Ø_β : 8.2m
α : 91.8° β : 91.8°



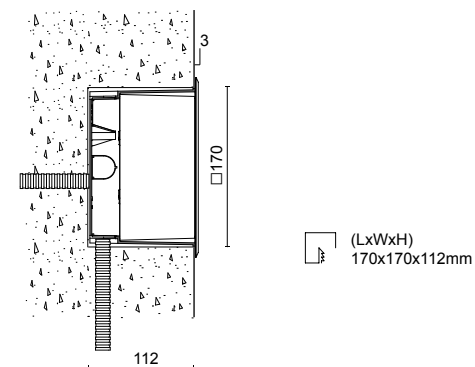
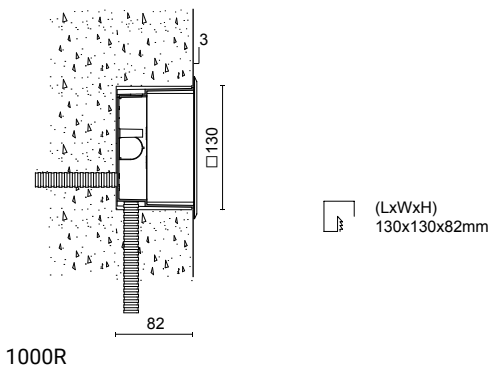
Dist. (m)	Em (Lux)	E _{max} (Lux)
1.0	119	426
2.0	30	106
3.0	13	47
4.0	7	26

1002R/NR2.VS
Diffuse Beam

CCT : 4000K
Power : 13W
System : 607 lm
Effic. : 46.7 lm/W

I_{max} : 340 cd/Klm
LOR : 56.3 %
Ø_α : 6.4m Ø_β : 6.4m
α : 77.4° β : 77.4°

ASSEMBLY



CHARACTERISTICS

- Wall recessed luminaire with cat.V2 polymer outer casing
- Optical system housing accessible during installation.
- Body / outer casing coupling system obtained by self-tapping screws.
- Power cable entry with internal 3-way terminal block for non-pass-through wiring.
- Power cable allowed up to 1.5mm² three-pole with external sheath max. 11mm.
- LED system with direct power supply 230Vac
- LED maintenance can be carried out by removing the screws of the optical compartment.
- Luminaire Conforms to EN60598-1 Standard and special requirements

MATERIALS

- Fixture/Base in die-cast aluminum alloy.
- Closing ring: AISI316L steel plate
- Recessed box in Polypropylene (PP) filled with 30% UV stabil. GWT750
- Glass in extra-clear transparent/etched internally with LTF transmission>60/90%.
- Molded gaskets in UV resist. Tx -40/+180°C.
- Integrated passive heatsink in Alloy Aluminum sheet.
- Internal and external screws in A2 Stainless Steel
- IP65 Megol resin cable gland UV-Resist. GWT850°C
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

MICRON

MICRON



MICRON



MICRON





WALL RECESSED

MICRON



APPLICATION




Micron is a product made with high quality materials that guarantee excellent outdoor performance. Extremely versatile and adaptable to any need, thanks to the possibility of wall and ceiling installation, Micron guarantees maximum yield and optimal propagation of light, covering your outdoor spaces with style and innovation.


WALL RECESSED

MICRON

SPECIFICATIONS

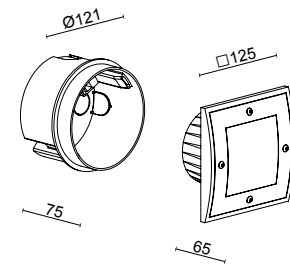


 Art. 9210R Installation:
Wall recessed

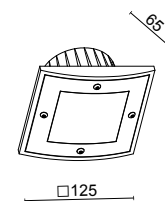
 Art. 9210C Installation:
Ceiling recessed

- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Supplied with Polypropylene PP recessed box GW750
- **9210C supplied with springs for false ceiling fixing**

DIMENSIONS



9210R



9210C

FRAME



99
STAINLESS STEEL AISI316L




LED DIRECT AC SYSTEM

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
9210R/WR1.VS.99	450 lm	260 lm	3000 K	80	5W - 220-240Vac 50/60Hz	I
9210R/NR1.VS.99	475 lm	275 lm	4000 K	80	5W - 220-240Vac 50/60Hz	I
9210C/WR1.VS.99	450 lm	260 lm	3000 K	80	5W - 220-240Vac 50/60Hz	I
9210C/NR1.VS.99	475 lm	275 lm	4000 K	80	5W - 220-240Vac 50/60Hz	I

 Beam
>100°

 Diffuse Emission
Frosted Glass

 Not dimmable

WALL RECESSED

MICRON

SPECIFICATIONS



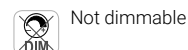
Installation:
Wall recessed

- The rated flux values refer to source LED at Ts65°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Supplied with Polypropylene PP recessed box GW750

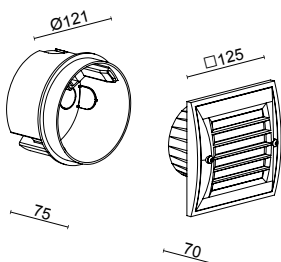


LED DIRECT AC SYSTEM

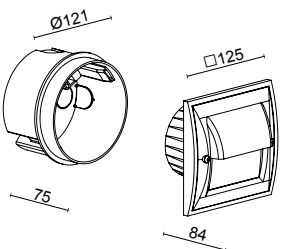
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
9220R/WR1.VS	450 lm	92 lm	3000 K	80	5W - 220-240Vac 50/60Hz	I
9220R/NR1.VS	475 lm	98 lm	4000 K	80	5W - 220-240Vac 50/60Hz	I



DIMENSIONS



9220

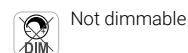


9230



LED DIRECT AC SYSTEM

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
9230R/WR1.VS	450 lm	90 lm	3000 K	80	5W - 220-240Vac 50/60Hz	I
9230R/NR1.VS	475 lm	95 lm	4000 K	80	5W - 220-240Vac 50/60Hz	I



STANDARD COLOURS




MICRON

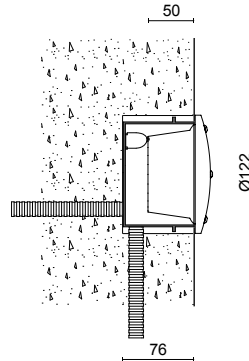
ASSEMBLY

WALL ASSEMBLY

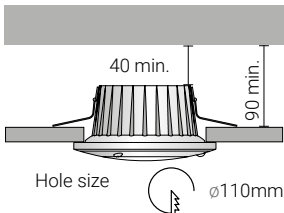


Box supplied to be installed flush with the wall. Double entry for flexible cables in double sheath.

 (ØxH) 122x76mm



CEILING ASSEMBLY



CHARACTERISTICS

- Wall recessed luminaire with cat.V2 polymer outer casing
- Optical system housing accessible during installation.
- Body / outer casing coupling system obtained by self-tapping screws.
- Power cable entry with internal 3-way terminal block for non-pass-through wiring.
- Power cable allowed up to 1.5mmq tripolar with external sheath \varnothing max 10mm.
- LED system with direct power supply 230Vac
- LED maintenance can be carried out by removing the screws of the optical compartment.
- Luminaire Conforms to EN60598-1 Standard and special requirements

MATERIALS

- Fixture/Base in die-cast aluminum alloy.
- Closing ring pressed in polished AISI316L steel.
- Closing ring (art.9220-9230) in aluminum alloy for die casting.
- Recessed box in Polypropylene (PP) filled with 30% UV stabil. GWT750
- Borosilicate glass with internal acid-etched finish with transmission LT>60%.
- Molded gaskets in UV resist. Tx -40/+180°C.
- Integrated passive heatsink in Alloy Aluminum sheet.
- Internal and external screws in A2 Stainless Steel
- IP65 Megol resin cable gland UV-Resist. GWT850°C
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

OMEGA

OMEGA



OMEGA



OMEGA





WALL RECESSED

OMEGA



APPLICATION



Omega is a product made with high quality materials that guarantee excellent outdoor performance. Extremely versatile and adaptable to any need, thanks to the possibility of wall and ceiling installation, Omega guarantees maximum yield and optimal light propagation, covering your outdoor spaces with style and innovation.

WALL RECESSED

OMEGA

SPECIFICATIONS



Art. 9110R Installation:
Wall recessed

Art. 9110C Installation:
Ceiling recessed

- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Supplied with Polypropylene PP recessed box GW750
- **9110C supplied with springs for false ceiling fixing**



LED DIRECT AC SYSTEM

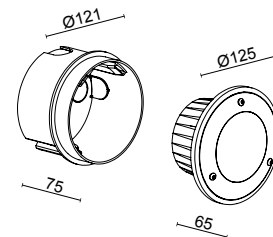
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
9110R/WR1.VS.99	450 lm	260 lm	3000 K	80	5W - 220-240Vac 50/60Hz	I
9110R/NR1.VS.99	475 lm	275 lm	4000 K	80	5W - 220-240Vac 50/60Hz	I
9110C/WR1.VS.99	450 lm	260 lm	3000 K	80	5W - 220-240Vac 50/60Hz	I
9110C/NR1.VS.99	475 lm	275 lm	4000 K	80	5W - 220-240Vac 50/60Hz	I

Beam >100°

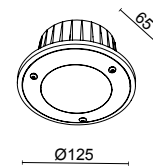
Diffuse Emission
Frosted Glass

Not dimmable

DIMENSIONS



9110R



9110C

FRAME



99
STAINLESS STEEL AISI316L

WALL RECESSED

OMEGA

SPECIFICATIONS



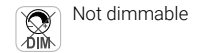
Installation:
Wall recessed

- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Supplied with Polypropylene PP recessed box GW750

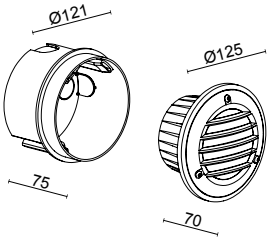


LED DIRECT AC SYSTEM

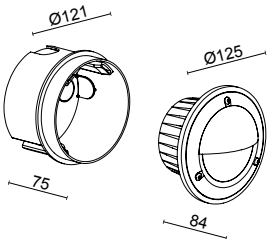
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
9120R/WR1.VS	450 lm	92 lm	3000 K	80	5W - 220-240Vac 50/60Hz	I
9120R/NR1.VS	475 lm	98 lm	4000 K	80	5W - 220-240Vac 50/60Hz	I



DIMENSIONS



9120R

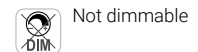


9130R

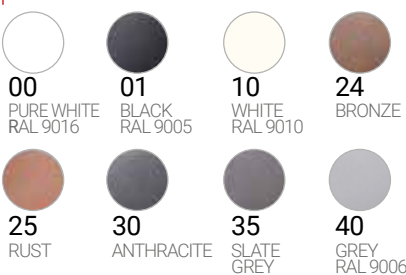


LED DIRECT AC SYSTEM

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
9130R/WR1.VS	450 lm	90 lm	3000 K	80	5W - 220-240Vac 50/60Hz	I
9130R/NR1.VS	475 lm	95 lm	4000 K	80	5W - 220-240Vac 50/60Hz	I



STANDARD COLOURS



OMEGA

CHARACTERISTICS

- Wall recessed luminaire with cat.V2 polymer outer casing
- Optical system housing accessible during installation.
- Body / outer casing coupling system obtained by self-tapping screws.
- Power cable entry with internal 3-way terminal block for non-pass-through wiring.
- Power cable allowed up to 1.5mmq tripolar with external sheath \varnothing max 10mm.
- LED system with direct power supply 230Vac
- LED maintenance can be carried out by removing the screws of the optical compartment.
- Luminaire Conforms to EN60598-1 Standard and special requirements

MATERIALS


- Fixture/Base in die-cast aluminum alloy.
- Closing ring pressed in polished AISI316L steel.
- Closing ring (art.9120-9130) in aluminum alloy for die casting.
- Recessed box in Polypropylene (PP) filled with 30% UV stabil. GWT750
- Borosilicate glass with internal acid-etched finish with transmission $LT > 60\%$.
- Molded gaskets in UV resist. Tx $-40/+180^{\circ}\text{C}$.
- Integrated passive heatsink in Alloy Aluminum sheet.
- Internal and external screws in A2 Stainless Steel
- IP65 Megol resin cable gland UV-Resist. GWT850°C
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

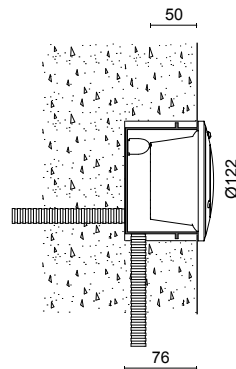
ASSEMBLY

WALL ASSEMBLY

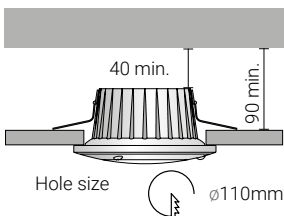


Box supplied to be installed flush with the wall. Double entry for flexible cables in double sheath.

 (ØxH) 122x76mm



CEILING ASSEMBLY



LUCY



LUCY



LUCY

LINKED PRODUCTS



LUCY WALL
Pag. 132



LUCY GROUND RECESSED
Pag. 310



WALL RECESSED

LUCY



APPLICATION



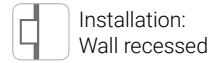
Versatile luminaire available in recessed wall, floor recessed and wall mounted versions. The wall and floor recesses have reduced depth and an AISI316L stainless steel ring which guarantees a very high resistance to oxidation. Also available with an octagonal-shaped ring that allows interesting architectural combinations.

The Lucy model wall lamp is available in nylon, painted aluminum or AISI316L stainless steel.

WALL RECESSED

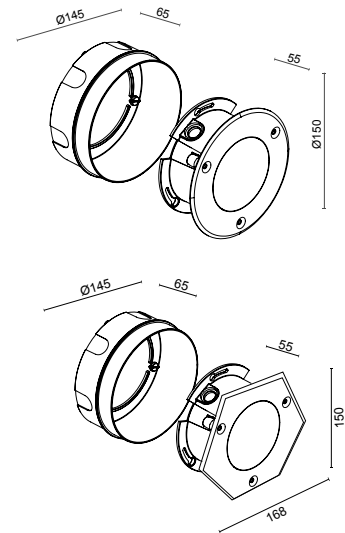
LUCY

SPECIFICATIONS

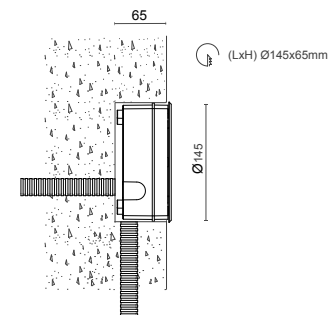


- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Supplied with Polypropylene PP recessed box GW750

DIMENSIONS



ASSEMBLY

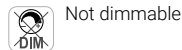


FRAME



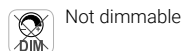
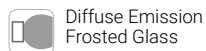
LED DIRECT AC SYSTEM

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
1060R/WR1.VS.99	450 lm	260 lm	3000 K	80	5W - 220-240Vac 50/60Hz	II
1060R/NR1.VS.99	475 lm	275 lm	4000 K	80	5W - 220-240Vac 50/60Hz	II



LED DIRECT AC SYSTEM

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
1062R/WR1.VS.99	450 lm	260 lm	3000 K	80	5W - 220-240Vac 50/60Hz	II
1062R/NR1.VS.99	475 lm	275 lm	4000 K	80	5W - 220-240Vac 50/60Hz	II



CHARACTERISTICS

- Optical system housing accessible during installation.
- Wall connection system with plastic anchoring plate
- Connection to the power supply network through cable gland for cables with a maximum diameter of 11mm type H07RN-F 3x1.5 or similar.
- LED maintenance by opening the optical compartment.
- Fixed output system with SMD LEDs with direct 230Vac power supply.
- Luminaire Conforms to EN60598-1 Standard and special requirements

MATERIALS

- Ring in AISI316L steel plate
- Wall recess in Polyamide(PA6) loaded 30% GWT960 UV Resist.
- Diffuser in extra-clear acid-etched glass internally LTF> 60%.
- Seals in EDPM closed cell rubber, UV-resist. Tx -40/+150°C.
- Passive heatsink in aluminum alloy for extrusion.
- Internal and external screws in A2 Stainless Steel
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

CLIO



CLIO

LINKED PRODUCTS



CLIO WALL
Pag. 138



CLIO GROUND RECESSED
Pag. 314



WALL RECESSED

CLIO



APPLICATION

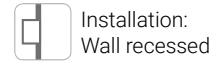


Elegant in shape, eclectic in the materials used, Clio is available with a nylon cover for wall application and in AISI316L steel for wall and floor recessing. Clio is a versatile object that is easy to insert in any context. The materials used in its construction guarantee its use even in environments with high salinity.

WALL RECESSED

CLIO

SPECIFICATIONS

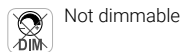
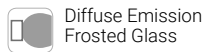


- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Supplied with Polypropylene PP recessed box GW750

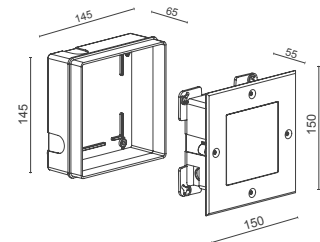


LED DIRECT AC SYSTEM

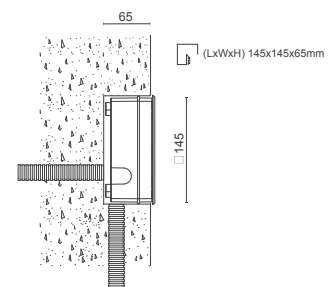
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
1080R/WR1.VS.99	450 lm	260 lm	3000 K	80	5W - 220-240Vac 50/60Hz	II
1080R/NR1.VS.99	475 lm	275 lm	4000 K	80	5W - 220-240Vac 50/60Hz	II



DIMENSIONS



ASSEMBLY



CHARACTERISTICS

- Optical system housing accessible during installation.
- Wall connection system with plastic anchoring plate
- Connection to the power supply network through cable gland for cables with a maximum diameter of 11mm type H07RN-F 3x1.5 or similar.
- LED maintenance by opening the optical compartment.
- Fixed output system with SMD LEDs with direct 230Vac power supply.
- Luminaire Conforms to EN60598-1 Standard and special requirements

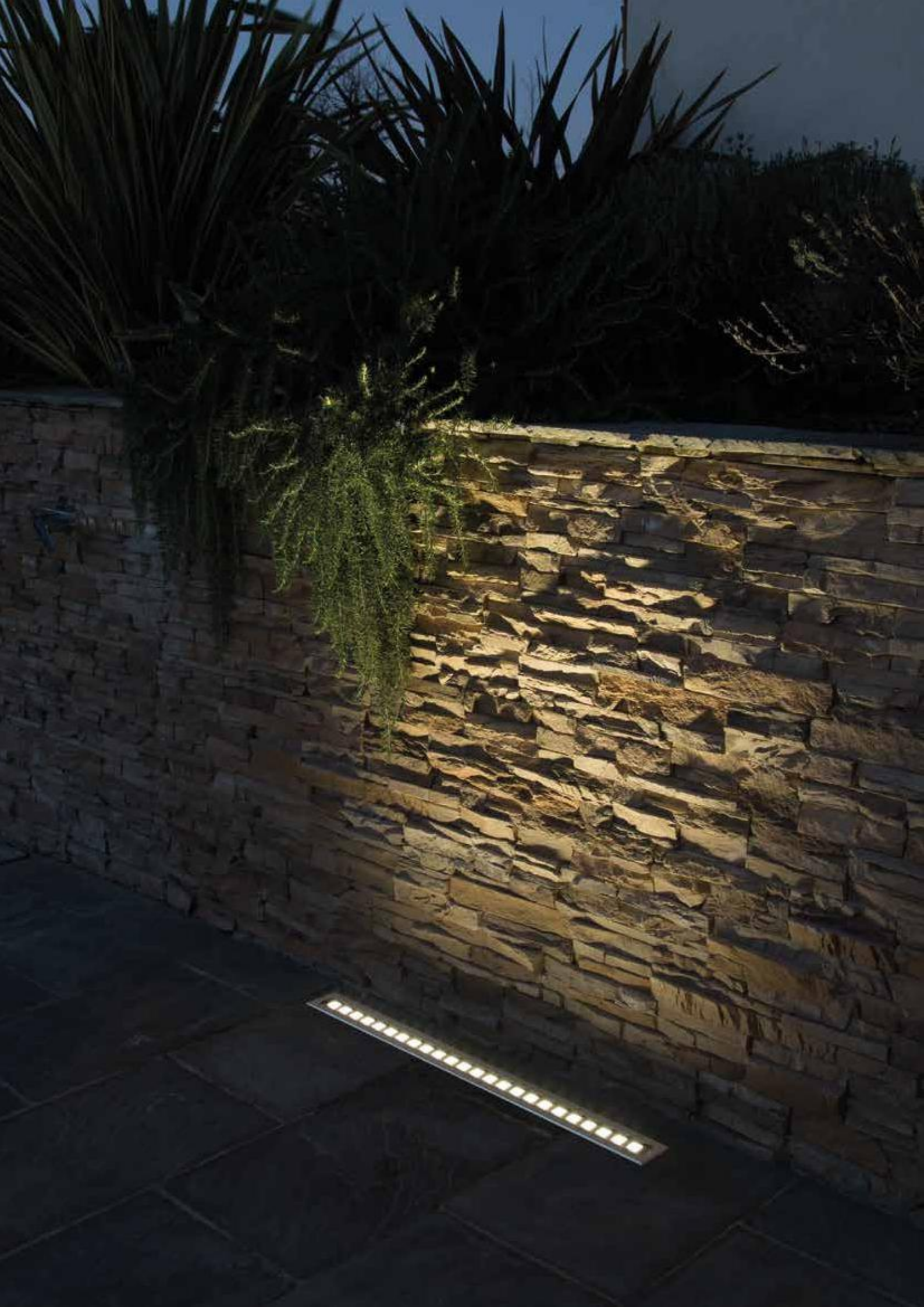
MATERIALS

- Ring in AISI316L steel plate
- Wall recess in Polyamide(PA6) loaded 30% GWT960 UV Resist.
- Diffuser in extra-clear acid-etched glass internally LTF> 60%.
- Seals in EDPM closed cell rubber, UV-resist. Tx -40/+150°C.
- Passive heatsink in aluminum alloy for extrusion.
- Internal and external screws in A2 Stainless Steel
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

FRAME



99
STAINLESS STEEL AISI316L



—

GROUND RECESSED

—



MATRIX 2811R



MATRIX 2812R



MATRIX 2813R

MATRIX MINI

LINKED PRODUCTS



MATRIX MINI FLOODLIGHT
Pag. 176



MATRIX MINI



APPLICATION



Linear adjustable fixture, suitable for installation as a stand-alone projector. Equipped with secondary optics for different light distributions, this version of Matrix is particularly suitable for grazing lighting on building facades, to enhance their material consistency, or to accentuate the architectural details of a historic building. Lamp with passive circuit, remote driver 24 V DC, therefore dimmable with all systems.

GROUND RECESSED

MATRIX MINI

SPECIFICATIONS



Installation:

Ground recessed

- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Dimmable version available on request only with remote driver
- Supplied with 2x0.75mm² cable 300mm long
- **Walkable for pedestrian paths. Max load 500Kg**
- **IP68 connector available on request**
- **24V remote driver to be ordered separately**

LED SYSTEM WITH REMOTE DRIVER 24Vdc

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
2811R/WPRCXX	900 lm	785 lm	3000K	>80	8W - 24Vdc	III	18
2811R/NPRCXX	970 lm	840 lm	4000K	>80	8W - 24Vdc	III	18
2812R/WPRCXX	1350 lm	1180 lm	3000K	>80	12W - 24Vdc	III	27
2812R/NPRCXX	1450 lm	1260 lm	4000K	>80	12W - 24Vdc	III	27
2813R/WPRCXX	1800 lm	1574 lm	3000K	>80	16W - 24Vdc	III	36
2813R/NPRCXX	1940 lm	1678 lm	4000K	>80	16W - 24Vdc	III	36

Beam
XX=NB (Spot 20°)
XX=WB (Wide Flood 45°)
XX=OB (Oval 20°x40°)

Direct Emission Uplight
Silk-Screen Clear Glass

Dimmable
DIM

LED SYSTEM WITH REMOTE DRIVER 24Vdc

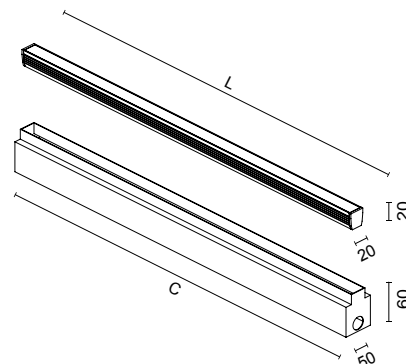
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
2811R/WRRCVS	1130 lm	280 lm	3000 K	80	8W - 24Vdc	III	
2811R/NRRCVS	1220 lm	300 lm	4000 K	80	8W - 24Vdc	III	
2812R/WRRCVS	1700 lm	420 lm	3000 K	80	12W - 24Vdc	III	
2812R/NRRCVS	1830 lm	450 lm	4000 K	80	12W - 24Vdc	III	
2813R/WRRCVS	2260 lm	560 lm	3000 K	80	16W - 24Vdc	III	
2813R/NRRCVS	2440 lm	600 lm	4000 K	80	16W - 24Vdc	III	

Beam
>100°

Diffuse Emission
Uplight
Opal Glass

Dimmable
DIM

DIMENSIONS



CODE	L	C
2811R	530mm	535mm
2812R	780mm	785mm
2813R	1030mm	1035mm

CHARACTERISTICS

- Recessed luminaire with outer casing to be buried on a draining gravel bed
- Corrugated inlet up to Ø25mm Supplied pre-wired with 50cm cable type 05RN-F 2x0,75
- Independent optical compartment not accessible during installation.
- LED maintenance can be carried out by disassembling the head (4 screws) and the support bracket.
- Driver maintenance can be carried out by replacing the resin box.
- Appliance Complies with EN60598-1 Standard and special requirements

MATERIALS

- Body in aluminum alloy for extrusion
- Heads / Arm in aluminum alloy for die casting.
- Extra-clear Float glass s = 4mm with silk-screen printing - LT transmission > 90%.
- UV resist closed cell rubber gaskets. Tx -40 / + 150 ° C
- Glass / Driver gasket in neutral cross-linking silicone glue - Tx -50 / + 250 ° C UV resist.
- Passive heatsink in aluminum alloy.
- Internal and external screws in A2 stainless steel
- M16 brass cable gland
- UV ray stabilized polyester powder coating with anti-corrosion treatment

STANDARD COLOURS



40
GREY RAL 9006

MATRIX 2800R



MATRIX 2801R



MATRIX 2802R



MATRIX 2803R



MATRIX

LINKED PRODUCTS



MATRIX FLOODLIGHT
Pag. 180



GROUND RECESSED

MATRIX

HIGH-POWER LED



LED SMD



APPLICATION



Linear recessed ground luminaire, walkable up to 500Kg. It is equipped with secondary optics for different light distributions, useful for grazing illumination of facades and architectural elements, or with etched glass for diffused distribution combined with glare control which makes it suitable for pedestrian walkways. RGBW also available. Dali dimmable on request with extra charge.

GROUND RECESSED

MATRIX

SPECIFICATIONS



- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- Supplied with 3x1mm² cable 300mm long
- Supplied with AISI430 stainless steel built-in box
- **Walkable for pedestrian paths. Max load 500Kg**
- **IP68 connector available on request**



LED ARRAY SYSTEM WITH BUILT-IN DRIVER

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
2800R/WP50.XX.99	1452 lm	1220 lm	3000 K	80	14W 220-240Vac 50/60Hz	I	8
2800R/NP50.XX.99	1525 lm	1281 lm	4000 K	80	14W 220-240Vac 50/60Hz	I	8
2801R/WP50.XX.99	2905 lm	2440 lm	3000 K	80	26W 220-240Vac 50/60Hz	I	16
2801R/NP50.XX.99	3050 lm	2562 lm	4000 K	80	26W 220-240Vac 50/60Hz	I	16
2802R/WP50.XX.99	4357 lm	3660 lm	3000 K	80	42W 220-240Vac 50/60Hz	I	24
2802R/NP50.XX.99	4575 lm	3843 lm	4000 K	80	42W 220-240Vac 50/60Hz	I	24
2803R/WP50.XX.99	5810 lm	4880 lm	3000 K	80	54W 220-240Vac 50/60Hz	I	32
2803R/NP50.XX.99	6100 lm	5124 lm	4000 K	80	54W 220-240Vac 50/60Hz	I	32

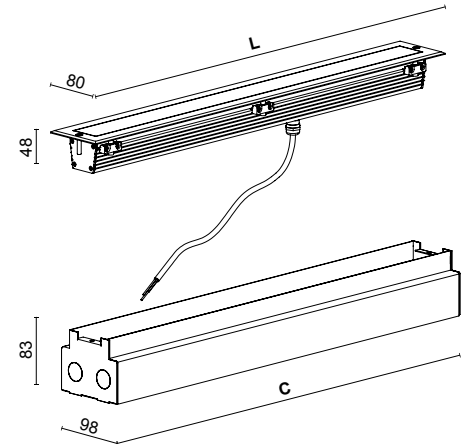
Beam
 XX=NB (Spot 12°)
 XX=MB (Flood 28°)
 XX=WB (Wide Flood 50°)
 XX=OB (Oval 42°+12°)
 XX=AB (Asymmetric)

Direct Emission Uplight
 Silk-Screen Clear Glass

Dali dimmable on request
 with extra charge



DIMENSIONS



CODE	L	C	FORO (LxWxH)
2800R	340mm	328mm	330x100x85mm
2801R	620mm	608mm	610x100x85mm
2802R	900mm	888mm	890x100x85mm
2803R	1180mm	1168mm	1170x100x85mm

LED SYSTEM WITH BUILT-IN DRIVER

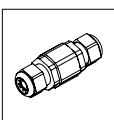
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
2800R/WR50VS.99	870 lm	339 lm	3000	80	8W - 220-240Vac 50/60Hz	I
2800R/NR50VS.99	920 lm	357 lm	4000	80	8W - 220-240Vac 50/60Hz	I
2801R/WR50VS.99	1740 lm	678 lm	3000	80	13W - 220-240Vac 50/60Hz	I
2801R/NR50VS.99	1840 lm	718 lm	4000	80	13W - 220-240Vac 50/60Hz	I
2802R/WR50VS.99	2610 lm	1020 lm	3000	80	19W - 220-240Vac 50/60Hz	I
2802R/NR50VS.99	2760 lm	1076 lm	4000	80	19W - 220-240Vac 50/60Hz	I
2803R/WR50VS.99	3480 lm	1355 lm	3000	80	26W - 220-240Vac 50/60Hz	I
2803R/NR50VS.99	3680 lm	1435 lm	4000	80	26W - 220-240Vac 50/60Hz	I

Beam
 >100°

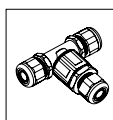
Diffuse Emission Uplight
 Opal Glass

Dali dimmable on request
 with extra charge

ACCESSORIES



MOR683P/2V
 IP68 2ways/3poles connector.
 Maximum section 3x2.5mm



MOR683P/3V
 IP68 3ways/3poles branch
 connector. Maximum section
 3x2.5mm

FRAME



99
 STAINLESS STEEL AISI316L

GROUND RECESSED

MATRIX

SPECIFICATIONS



- The rated flux values refer to source LED at Ts85°C / ta25°C
- The data in the table refer to the configuration with all channels on (100%)
- The total power of the system depends on the number and type of devices envisaged. Depending on the project, it may be necessary to use "n" single power supply devices.
- Supplied with AISI430 stainless steel built-in box
- **Walkable for pedestrian paths. Max load 500Kg**
- **IP68 component-holder box available only on request**
- **24V remote driver to be ordered separately**
- **DMX Remote controller included**
- **Connecting cables with plugs must be ordered separately and configured according to the project**



RGBW LED SYSTEM WITH 24Vdc REMOTE DRIVER

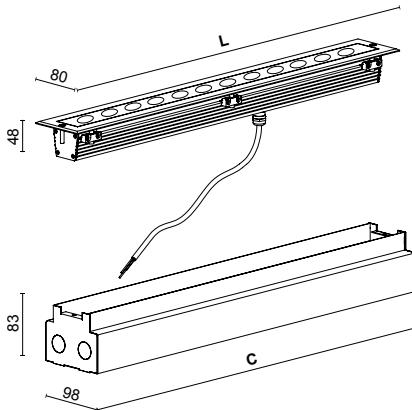
REVIEW

COD.	Source Flux	Fixture Flux	CCT-CRI	Power	CL	LED
2800R/RCRC.XX.99	1650 lm	1420 lm	RGBW	12W 24Vdc	III	4
2801R/RCRC.XX.99	3300 lm	2840 lm	RGBW	24W 24Vdc	III	8
2802R/RCRC.XX.99	4950 lm	4260 lm	RGBW	36W 24Vdc	III	12
2803R/RCRC.XX.99	6600 lm	5680 lm	RGBW	48W 24Vdc	III	16

Beam
 XX=MB (Flood 24°)
 XX=WB (Wide Flood 35°)
 XX=SW (Super Wide 54°)
 XX=O4 (Oval 40°x20°)

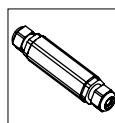
Direct Emission Uplight
 Silk-Screen Clear Glass

DIMENSIONS

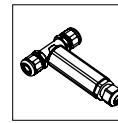


CODE	L	C	FORO (LxWxH)
2800R	340mm	328mm	330x100x85mm
2801R	620mm	608mm	610x100x85mm
2802R	900mm	888mm	890x100x85mm
2803R	1180mm	1168mm	1170x100x85mm

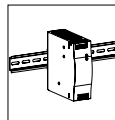
RGBW ACCESSORIES



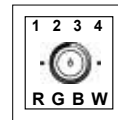
MOR686P/2V
 IP68 2ways/3poles connector.
 Maximum section 6x2.5mm



MOR686P/3V
 IP68 3ways/3poles branch connector. Maximum section 6x2.5mm

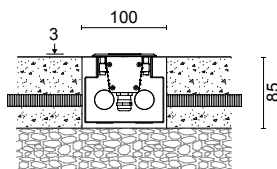


Remote Driver 24V
E.TRA.570 120W 24Vdc IP20
E.TRA.569 240W 24Vdc IP20
E.TRA.568 480W 24Vdc IP20



E.CNT.001
 Remote control touch keyboard
 4ch RGBW 100-240V

ASSEMBLY

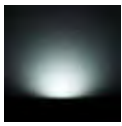


FRAME

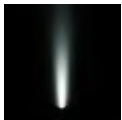


MATRIX

PHOTOMETRICS DATA



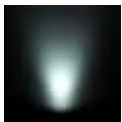
Dist. (m)	Em (Lux)	Emax (Lux)	Imax/2	2801R/NR50VS Diffuse Beam CCT : 4000K Power : 13W System : 718 lm Effic. : 55.2 lm/W Imax : 318 cd/Klm LOR : 39.1 % Øα : 18m Øβ : 17m α : 122.8° β : 121.2°
1.0	79	318		
2.0	20	79		
3.0	9	35		
4.0	5	20		
5.0	3	13		



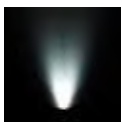
Dist. (m)	Em (Lux)	Emax (Lux)	Imax/2	2801R/NP50NB Spot CCT : 4000K Power : 24W System : 2335 lm Effic. : 97.4 lm/W Imax : 10855 cd/Klm LOR : 83.5 % Øα : 1.7m Øβ : 1.2m α : 12.4° β : 12.4°
1.0	7674	10855		
2.0	1918	2713		
3.0	853	1205		
4.0	478	677		
5.0	305	433		



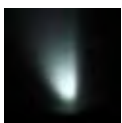
Dist. (m)	Em (Lux)	Emax (Lux)	Imax/2	2801R/NP50MB Flood CCT : 4000K Power : 24W System : 2310 lm Effic. : 96.3 lm/W Imax : 2105 cd/Klm LOR : 82.5 % Øα : 3.3m Øβ : 2.8m α : 30.6° β : 30.6°
1.0	1449	2105		
2.0	362	526		
3.0	161	234		
4.0	90	132		
5.0	57	84		



Dist. (m)	Em (Lux)	Emax (Lux)	Imax/2	2801R/NP50WB Wide Flood CCT : 4000K Power : 24W System : 2165 lm Effic. : 90.2 lm/W Imax : 1185 cd/Klm LOR : 77.3 % Øα : 5.3m Øβ : 4.8m α : 50.6° β : 50.6°
1.0	854	1185		
2.0	213	297		
3.0	95	132		
4.0	53	74		
5.0	34	47		



Dist. (m)	Em (Lux)	Emax (Lux)	Imax/2	2801R/NP50OB Asymmetric Oval CCT : 4000K Power : 24W System : 2328 lm Effic. : 97 lm/W Imax : 2544 cd/Klm LOR : 83.1 % Øα : 1.6m Øβ : 3.9m α : 11.6° β : 42.4°
1.0	1671	2544		
2.0	418	636		
3.0	186	282		
4.0	104	158		
5.0	67	101		



Dist. (m)	Em (Lux)	Emax (Lux)	Imax/2	2801R/NP50AB Asymmetric CCT : 4000K Power : 24W System : 2240 lm Effic. : 93.3 lm/W Imax : 2629 cd/Klm LOR : 80 % Øα : 6.1m Øβ : 1.5m α : 59° β : 22° AS : 6°
1.0	1723	2629		
2.0	431	657		
3.0	192	292		
4.0	107	164		
5.0	69	105		

CHARACTERISTICS

- Recessed luminaire with outer casing to be buried on a draining gravel bed
- Corrugated inlet up to Ø25mm on the heads (2) and on the bottom.
- Part accessible flush with the floor suitable for pedestrian walkways (500Kg). Not suitable for vehicles.
- Supplied pre-wired with 50cm cable type H05RN-F 3x1mm² and cable gland IP68 (5x1mm² Ver. Dimmable)
- Optical/Driver section not accessible during installation.
- IP67 protected external driver compartment, to be inserted in the outer casing during installation.
- Driver maintenance can be carried out by replacing the resin box.
- Fixed or Dali dimmable output system for monochromatic LEDs on request
- RGBW system for multichip LEDs.
- Luminaire Conforms to EN60598-1 Standard and special requirements

MATERIALS

- Casing in AISI430F stainless steel sheet
- Body: aluminum alloy for extrusion
- Heads: aluminum alloy for die casting.
- Extra-clear float glass th=8mm with serigraphy (trasm. LT>90%) or etched (trasm. LT>40%).
- Glass/Driver gasket in neutral cross-linking silicone glue - Tx -50/+250°C UV resist.
- Passive heat sink in aluminum alloy plate.
- Internal and external screws in A2 Stainless Steel
- M16 IP68 brass cable gland
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

KUBO

KUB06



KUB012



LINKED PRODUCTS



KUBO FLOODLIGHTS
Pag. 186



KUBO URBAN
Pag. 446



Augenti

GROUND RECESSED

KUB06



APPLICATION



Ground recessed luminaire, walkable up to 500Kg. Equipped with secondary optics for different light distributions, useful for grazing lighting of facades and architectural elements, it is available with monochromatic and RGBW COB LED version, with remote power supply, or in stand-alone version with COB LED powered at 230Vac . Dali dimmable on request with extra charge.

GROUND RECESSED

KUB06



Remote Driver NOT INCLUDED **CL I** AC LED

Installation: Ground recessed

LED SYSTEM WITH REMOTE DRIVER 24Vdc

REVIEW

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
2106R/WCRC.XX.99	860 lm	720 lm	3000K	>80	8W - 24Vdc	III	1
2106R/NCRC.XX.99	890 lm	750 lm	4000K	>80	8W - 24Vdc	III	1

Beam
XX=NB (Spot 10°)
XX=MB (Flood 26°)
XX=WB (Wide Flood 56°)

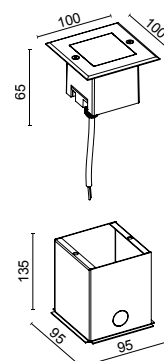
Adjustable Direct Emission
Silk-Screen Clear Glass

Not dimmable

- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request only for version with remote driver
- Dimmable version available on request only with remote driver
- The device is supplied with a long cable 300mm (3x1mm² Ver. cl I / 2x0.75mm² cl III)
- Supplied with AISI430 stainless steel built-in box
- **Walkable for pedestrian paths. Max load 500Kg**
- **IP68 connector available on request**



DIMENSIONS



LED DIRECT AC SYSTEM

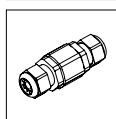
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
2106R/WCAC.XX.99	680 lm	476 lm	3000K	>80	7W - 220-240Vac 50/60Hz	I	1
2106R/NCAC.XX.99	700 lm	490 lm	4000K	>80	7W - 220-240Vac 50/60Hz	I	1

Beam
XX=NB (Spot 16°)
XX=MB (Flood 25°)
XX=WB (Wide Flood 40°)

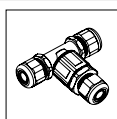
Adjustable Direct Emission
Silk-Screen Clear Glass

Not dimmable

ACCESSORIES



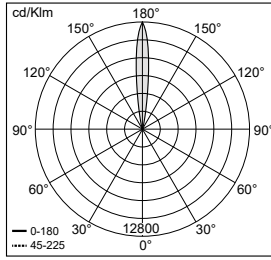
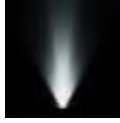
MOR683P/2V
IP68 2ways/3poles connector.
Maximum section 3x2.5mm



MOR683P/3V
IP68 3ways/3poles branch
connector. Maximum section
3x2.5mm

KUB06

PHOTOMETRICS DATA



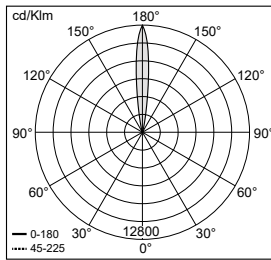
Dist. (m)	Em (Lux)	E _{max} (Lux)
1	5690	11377
2	1422	2844
3	632	1264
4	356	711
5	228	455

I_{max}/2

2106R/NCRCNB
Narrow Beam

CCT : 4000K
Power : 7W
System : 721 lm
Effic. : 103 lm/W

I_{max} : 12783 cd/Klm
LOR : 81 %
Ø_α : 1.1m Ø_β : 1.1m
α : 12.8° β : 12.8°



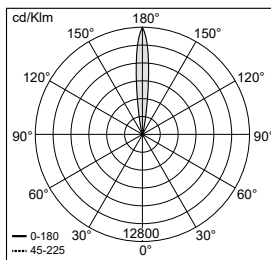
Dist. (m)	Em (Lux)	E _{max} (Lux)
1	5690	11377
2	1422	2844
3	632	1264
4	356	711
5	228	455

I_{max}/2

2106R/NCRCNB
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Dist. (m)	Em (Lux)	E _{max} (Lux)
1	5690	11377
2	1422	2844
3	632	1264
4	356	711
5	228	455

I_{max}/2

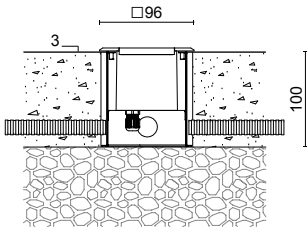
2106R/NCRCNB
Narrow Beam

CCT : 4000K
Power : 7W
System : 721 lm
Effic. : 103 lm/W

I_{max} : 12783 cd/Klm
LOR : 81 %
Ø_α : 1.1m Ø_β : 1.1m
α : 12.8° β : 12.8°

KUB06

ASSEMBLY



CHARACTERISTICS

- Ground and wall recessed luminaire with AISI steel case and mask.
- Supplied pre-wired with 50cm H05RN-F cable (bipolar or tripolar) and IP68 cable gland
- Optical/Driver section not accessible during installation.
- Version with COB LED with direct power supply in AC 230V.
- LED maintenance can be carried out by removing the optical compartment (2 screws).
- Fixed or Dali dimmable output system for monochromatic LEDs on request
- RGBW system for multichip LEDs.
- Luminaire Conforms to EN60598-1 Standard and special requirements
- **Remote power driver to be ordered separately**

MATERIALS

- Body in die casting aluminium alloy.
- Front ring: satin AISI316L stainless steel th=4mm
- Ground casing in unpainted AISI430F steel
- Extra-clear float glass th=8mm with screen printing-transmission LT>90%.
- Seals in EDPM closed cell rubber, UV- resist. Tx -40/+150°C.
- Glass gasket in neutral cross-linking silicone glue - Tx-50/+250°C UV resist.
- Integrated passive heat sink made of aluminium alloy
- Internal and external screws in A2 Stainless Steel
- M16 IP68 brass cable gland
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

GROUND RECESSED

KUB012



APPLICATION



Ground recessed luminaire, walkable up to 1000Kg. Equipped with secondary optics for different light distributions, useful for grazing lighting of facades and architectural elements, it is available with monochromatic and RGBW COB LED version, with remote power supply, or in stand-alone version with COB LED powered at 230Vac . Dali dimmable on request with extra charge.

GROUND RECESSED

KUBO12

SPECIFICATIONS



- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- The device is supplied with a long cable 300mm 3x1mm²
- Supplied with AISI430 stainless steel built-in box
- **Walkable for pedestrian paths. Max load 100Kg**
- **IP68 connector available on request**



SISTEMA LED CON DRIVER INCORPORATO

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
Z112R/WC35XX.99	1900 lm	1382 lm	3000 K	80	14W - 220-240Vac 50/60Hz	I	1
Z112R/NC35XX.99	1995 lm	1458 lm	4000 K	80	14W - 220-240Vac 50/60Hz	I	1

Beam
 XX=NB (Spot 19°)
 XX=MB (Flood 26°)
 XX=WB (Wide Flood 49°)

Direct Emission Uplight
 Silk-Screen Clear Glass

Dali dimmable on request
 with extra charge



LED ARRAY SYSTEM WITH BUILT-IN DRIVER

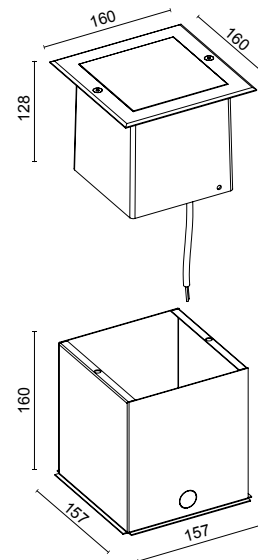
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
Z112R/WR50XX.99	1700 lm	1190 lm	3000 K	80	14W - 220-240Vac 50/60Hz	I	4
Z112R/NR50XX.99	1770 lm	1240 lm	4000 K	80	14W - 220-240Vac 50/60Hz	I	4

Beam
 XX=NB (Spot 20°)
 XX=MB (Flood 32°)
 XX=WB (Wide Flood 50°)

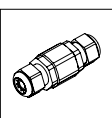
Direct Emission Uplight
 Silk-Screen Clear Glass

Dali dimmable on request
 with extra charge

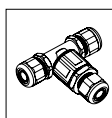
DIMENSIONS



ACCESSORIES



MOR683P/2V
 IP68 2ways/3poles connector.
 Maximum section 3x2.5mm



MOR683P/3V
 IP68 3ways/3poles branch
 connector. Maximum section
 3x2.5mm

FRAME



99
 STAINLESS STEEL AISI316L

GROUND RECESSED

KUB012

SPECIFICATIONS




Installation:
Ground recessed

- The rated flux values refer to source LED at Ts85°C / ta25°C
- The data in the table refer to the configuration with all channels on (100%)
- The total power of the system depends on the number and type of devices envisaged. Depending on the project, it may be necessary to use "n" single power supply devices.
- Supplied with AISI430 stainless steel built-in box
- **Walkable for pedestrian paths. Max load 1000Kg**
- **IP68 component-holder box available only on request**
- **24V remote driver to be ordered separately**
- **Remote DMX controller/Accessories are to be ordered separately**
- **Connecting cables with plugs must be ordered separately and configured according to the project**



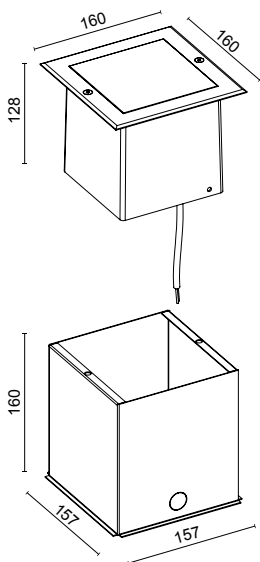
RGBW LED ARRAY SYSTEM WITH REMOTE DRIVER 24Vdc

COD.	Source Flux	Fixture Flux	CCT-CRI	Power	CL	LED
Z112R/RCRCXX.99	1768 lm	1516 lm	RGBW	18W 24Vdc 4ch RGBW	III	4

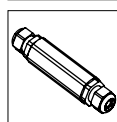
 Beam
XX=NB (Spot 12°)
XX=MB (Flood 25°)
XX=WB (Wide Flood 40°)

 Direct Emission Uplight
Silk-Screen Clear Glass

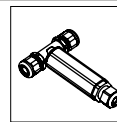
DIMENSIONS



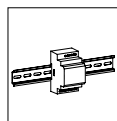
RGBW ACCESSORIES



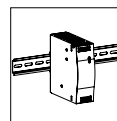
MOR686P/2V
IP68 2ways/3poles connector.
Maximum section 6x2.5mm



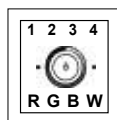
MOR686P/3V
IP68 3ways/3poles branch connector. Maximum section 6x2.5mm



E.CEN.001
Remote controller Dali/DMX BUS
Remote 4ch 12/24Vdc on DIN rail



Remote Driver 24V
E.TRA.570 120W 24Vdc IP20
E.TRA.569 240W 24Vdc IP20
E.TRA.568 480W 24Vdc IP20



E.CNT.001
Remote control touch keyboard
4ch RGBW 100-240V

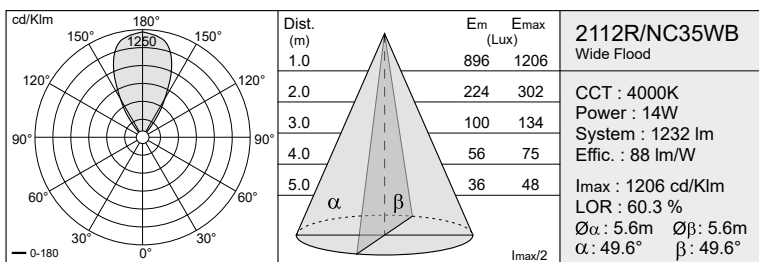
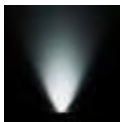
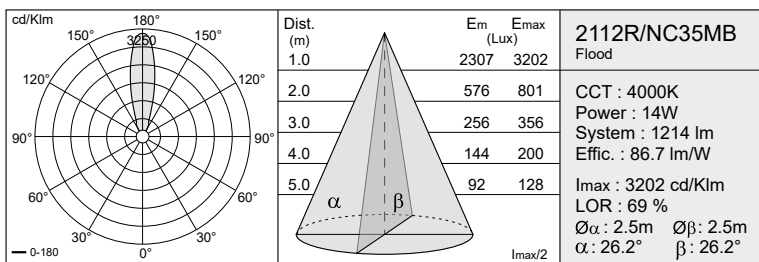
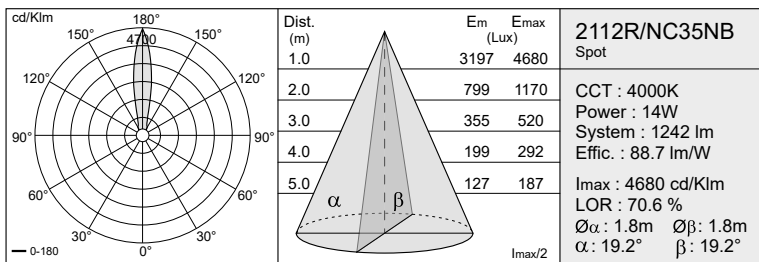
FRAME



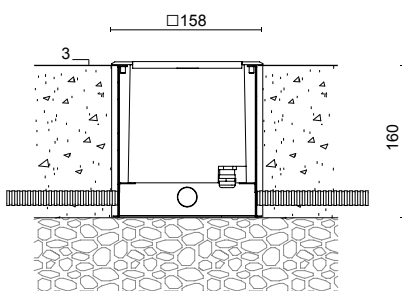
99
STAINLESS STEEL AISI316L

KUBO12

PHOTOMETRICS DATA



ASSEMBLY



CHARACTERISTICS

- Ground and wall recessed luminaire with AISI steel case and mask.
- Supplied pre-wired with 50cm H05RN-F 3x1mmq cable and IP68 cable gland.
- Optical/Driver section not accessible during installation.
- LED maintenance can be carried out by disassembling the optical compartment and dissipator (2 screws).
- Driver maintenance can be carried out by disassembling the optical compartment
- Fixed or Dali dimmable output system for monochromatic LEDs on request
- RGBW system for multichip LEDs.
- Luminaire Conforms to EN60598-1 Standard and special requirements

MATERIALS

- Body in die casting aluminium alloy.
- Front ring: satin AISI316L stainless steel th=4mm
- Ground casing in unpainted AISI430F steel
- Extra-clear float glass th=8mm with screen printing-transmission LT>90%.
- Seals in EDPM closed cell rubber, UV- resist. Tx -40/+150°C.
- Glass gasket in neutral cross-linking silicone glue - Tx-50/+250°C UV resist.
- Integrated passive heat sink made of aluminium alloy
- Internal and external screws in A2 Stainless Steel
- M16 IP68 brass cable gland
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

PLATHO125



PLATHO125

PLATHO145



PLATHO145

**PLATHO200
LOW**



**PLATHO200
LOW**

**PLATHO200
HIGHT**



**PLATHO200
HIGHT**

PLATHO260



PLATHO260

PLATHO

LINKED PRODUCTS



PLATHO CEILING RECESSED
Pag. 482



GROUND RECESSED

PLATHO



APPLICATION



Walkable ground recessed luminaire with a static load resistance of 1000Kg. It is equipped with secondary optics for different light distributions, useful for grazing illumination of facades and architectural elements, or with etched glass for diffused distribution combined with glare control which makes it suitable for pedestrian walkways. Available in fixed or dimmable Dali output on request with extra charge.

GROUND RECESSED

PLATH0125



LED SYSTEM WITH BUILT-IN DRIVER

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
4050R/WC0.XX.99	792 lm	648 lm	3000	80	10W - 220-240Vac 50/60Hz	II	1
4050R/NC0.XX.99	855 lm	700 lm	4000	80	10W - 220-240Vac 50/60Hz	II	1
4051R/WC0.XX.99	792 lm	648 lm	3000	80	10W - 220-240Vac 50/60Hz	II	1
4051R/NC0.XX.99	855 lm	700 lm	4000	80	10W - 220-240Vac 50/60Hz	II	1

Beam
XX=NB (Spot 15°)
XX=WB (Wide Flood 36°)

Direct Emission Uplight
Silk-Screen Clear Glass

Dali dimmable on request
with extra charge

- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- Supplied with aluminum built-in box
- **IP68 connector available on request**
- **Walkable for pedestrian paths. Max load 500Kg**
- **IP68 connector available on request**



LED SYSTEM WITH BUILT-IN DRIVER

NEW VERSION

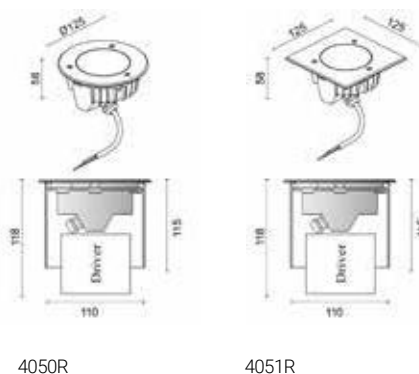
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
4050R/WC0.VO.99	792 lm	80 lm	3000	80	10W - 220-240Vac 50/60Hz	II	1
4050R/NC0.VO.99	855 lm	90 lm	4000	80	10W - 220-240Vac 50/60Hz	II	1
4051R/WC0.VO.99	792 lm	80 lm	3000	80	10W - 220-240Vac 50/60Hz	II	1
4051R/NC0.VO.99	855 lm	90 lm	4000	80	10W - 220-240Vac 50/60Hz	II	1

Beam
>100°

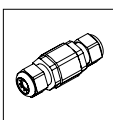
Diffuse Emission Uplight
Opal Glass

Dali dimmable on request
with extra charge

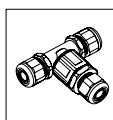
DIMENSIONS



ACCESSORIES



MOR683P/2V
IP68 2ways/3poles connector.
Maximum section 3x2.5mm



MOR683P/3V
IP68 3ways/3poles branch
connector. Maximum section
3x2.5mm

FRAME



99
STAINLESS STEEL AISI316L

GROUND RECESSED

PLATH0145

SPECIFICATIONS



Installation:
Ground recessed

- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- The device is supplied with a 300mm long cable (3x1mm²)
- Supplied with Polypropylene Box PP GW750
- **Walkable for pedestrian paths. Max load 1000Kg**
- **IP68 connector available on request**



LED SYSTEM WITH BUILT-IN DRIVER

REVIEW

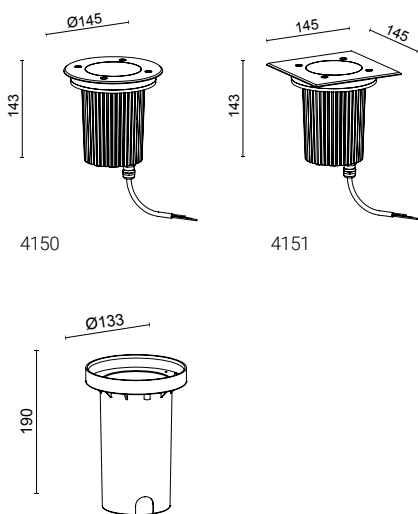
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
4150R/WC0.XX.99	860 lm	720 lm	3000	80	8W - 220-240Vac 50/60Hz	I	1
4150R/NC0.XX.99	890 lm	750 lm	4000	80	8W - 220-240Vac 50/60Hz	I	1
4151R/WC0.XX.99	860 lm	720 lm	3000	80	8W - 220-240Vac 50/60Hz	I	1
4151R/NC0.XX.99	890 lm	750 lm	4000	80	8W - 220-240Vac 50/60Hz	I	1

Beam
XX=NB (Spot 10°)
XX=MB (Flood 26°)
XX=WB (Wide Flood 56°)

Direct Emission Uplight
Silk-Screen Clear Glass

DALI dimmable on request
with extra charge

DIMENSIONS



LED SYSTEM WITH BUILT-IN DRIVER

NEW VERSION

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
4150R/WC0.VO.99	860 lm	100 lm	3000	80	8W - 220-240Vac 50/60Hz	I	1
4150R/NC0.VO.99	890 lm	120 lm	4000	80	8W - 220-240Vac 50/60Hz	I	1
4151R/WC0.VO.99	860 lm	100 lm	3000	80	8W - 220-240Vac 50/60Hz	I	1
4151R/NC0.VO.99	890 lm	120 lm	4000	80	8W - 220-240Vac 50/60Hz	I	1

Beam
>100°

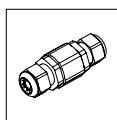
Diffuse Emission Uplight
Opal Glass

DALI dimmable on request
with extra charge

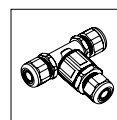
FRAME

99
STAINLESS STEEL AISI316L

ACCESSORIES



MOR683P/2V
IP68 2ways/3poles connector.
Maximum section 3x2.5mm



MOR683P/3V
IP68 3ways/3poles branch
connector. Maximum section
3x2.5mm

GROUND RECESSED

PLATHO200 LOW

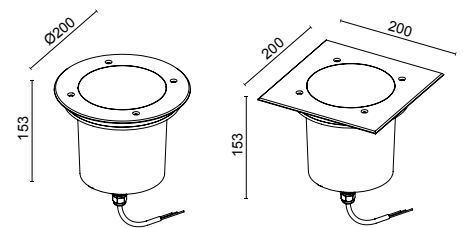
SPECIFICATIONS



Installation:
Ground recessed

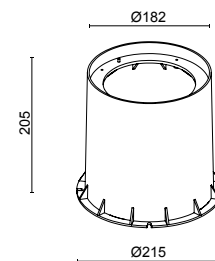
- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- The device is supplied with a 300mm long cable (3x1mm²)
- Supplied with Polypropylene Box PP GW750
- **Walkable for pedestrian paths. Max load 1000Kg**
- **IP68 connector available on request**

DIMENSIONS



4250

4251



205

Ø182

Ø215

FRAME



99

STAINLESS STEEL AISI316L



LED SYSTEM WITH BUILT-IN DRIVER

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
4250R/WC2.XX.99	2170 lm	1870 lm	3000	80	18W - 220-240Vac 50/60Hz	I	1
4250R/NC2.XX.99	2300 lm	1983 lm	4000	80	18W - 220-240Vac 50/60Hz	I	1
4251R/WC2.XX.99	2170 lm	1870 lm	3000	80	18W - 220-240Vac 50/60Hz	I	1
4251R/NC2.XX.99	2300 lm	1983 lm	4000	80	18W - 220-240Vac 50/60Hz	I	1

Beam
XX=NB (Spot 14°)
XX=MB (Flood 32°)
XX=WB (Wide Flood 44°)

Direct Emission Uplight
Silk-Screen Clear Glass

Dali dimmable on request
with extra charge

LED SYSTEM WITH BUILT-IN DRIVER - Asymmetric

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
4250A/WC2.VT.99	2170 lm	1443 lm	3000	80	18W - 220-240Vac 50/60Hz	I	1
4250A/NC2.VT.99	2300 lm	1530 lm	4000	80	18W - 220-240Vac 50/60Hz	I	1
4251A/WC2.VT.99	2170 lm	1443 lm	3000	80	18W - 220-240Vac 50/60Hz	I	1
4251A/NC2.VT.99	2300 lm	1530 lm	4000	80	18W - 220-240Vac 50/60Hz	I	1

Beam
35° (90-270)

Asymmetric Emission
Uplight
Silk-Screen Clear Glass

Dali dimmable on request
with extra charge



LED ARRAY SYSTEM WITH BUILT-IN DRIVER

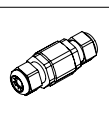
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
4250R/WR50XX.99	1690 lm	1216 lm	3000	80	14W - 220-240Vac 50/60Hz	I	4
4250R/NR50XX.99	1780 lm	1280 lm	4000	80	14W - 220-240Vac 50/60Hz	I	4
4251R/WR50XX.99	1690 lm	1216 lm	3000	80	14W - 220-240Vac 50/60Hz	I	4
4251R/NR50XX.99	1780 lm	1280 lm	4000	80	14W - 220-240Vac 50/60Hz	I	4

Beam
XX=NB (Flood 20°)
XX=MB (Flood 32°)
XX=WB (Wide Flood 50°)
XX=AB (Asymmetric)

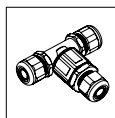
Direct Emission Uplight
Silk-Screen Clear Glass

Dali dimmable on request
with extra charge

ACCESSORIES



MOR683P/2V
IP68 2ways/3poles connector.
Maximum section 3x2.5mm



MOR683P/3V
IP68 3ways/3poles branch
connector. Maximum section
3x2.5mm

GROUND RECESSED

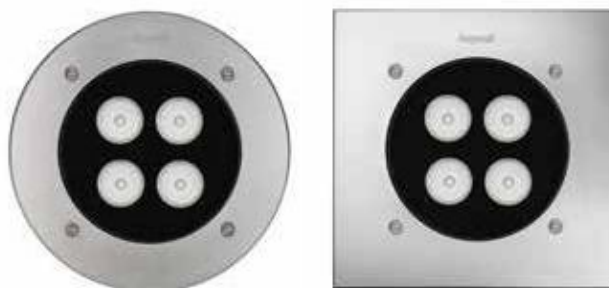
PLATHO200 LOW

SPECIFICATIONS



Installation:
Ground recessed

- The rated flux values refer to source LED at Ts85°C / ta25°C
- The data in the table refer to the configuration with all channels on (100%)
- The total power of the system depends on the number and type of devices envisaged. Depending on the project, it may be necessary to use "n" single power supply devices.
- **Walkable for pedestrian paths. Max load 1000Kg**
- **IP68 component-holder box available only on request**
- **24V remote driver to be ordered separately**
- **Remote DMX controller/Accessories are to be ordered separately**
- **Connecting cables with plugs must be ordered separately and configured according to the project**



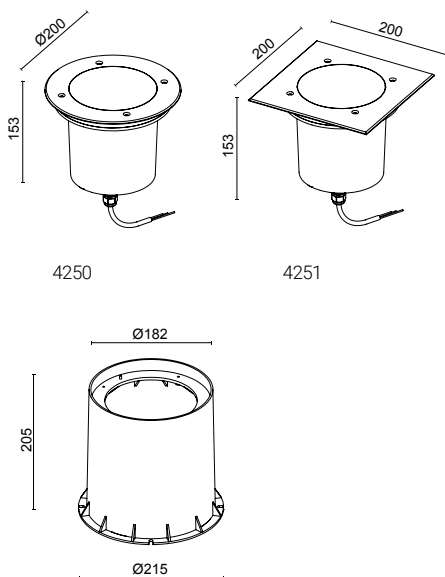
RGBW LED ARRAY SYSTEM WITH REMOTE DRIVER 24Vdc

COD.	Source Flux	Fixture Flux	CCT-CRI	Power	CL	LED
4250R/RCRCXX.99	1768 lm	1516 lm	RGBW	18W 24Vdc 4ch RGBW	III	4
4251R/RCRCXX.99	1768 lm	1516 lm	RGBW	18W 24Vdc 4ch RGBW	III	4

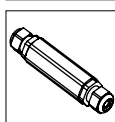
Beam
XX=NB (Spot 10°)
XX=MB (Flood 25°)
XX=WB (Wide Flood 40°)

Direct Emission Uplight
Silk-Screen Clear Glass

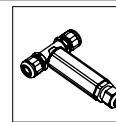
DIMENSIONS



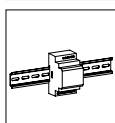
RGBW ACCESSORIES



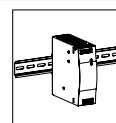
MOR686P/2V
IP68 2ways/3poles connector.
Maximum section 6x2.5mm



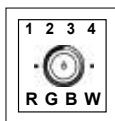
MOR686P/3V
IP68 3ways/3poles branch connector. Maximum section 6x2.5mm



E.CEN.001
Remote controller Dali/DMX BUS
Remote 4ch 12/24Vdc on DIN rail



Remote Driver 24V
E.TRA.570 120W 24Vdc IP20
E.TRA.569 240W 24Vdc IP20
E.TRA.568 480W 24Vdc IP20



E.CNT.001
Remote control touch keyboard
4ch RGBW 100-240V

FRAME



99
STAINLESS STEEL AISI316L

GROUND RECESSED

PLATHO200 HIGHT

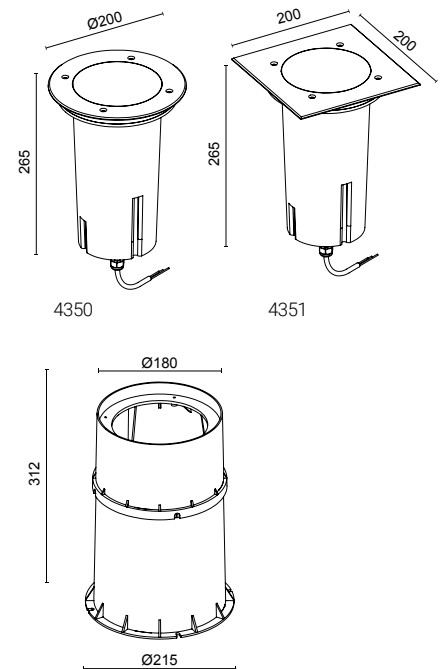
SPECIFICATIONS



Installation:
Ground recessed

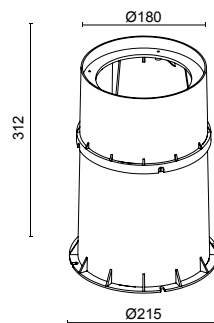
- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- The device is supplied with a 300mm long cable (3x1mm²)
- Supplied with Polypropylene Box PP GW750
- **Walkable for pedestrian paths. Max load 1000Kg**
- **IP68 connector available on request**

DIMENSIONS



4350

4351



312

Ø180

Ø215

FRAME



99
STAINLESS STEEL AISI316L



LED SYSTEM WITH BUILT-IN DRIVER

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
4350R/WC2.XX.99	3050 lm	2400 lm	3000	80	25W - 220-240Vac 50/60Hz	I	1
4350R/NC2.XX.99	3200 lm	2520 lm	4000	80	25W - 220-240Vac 50/60Hz	I	1
4351R/WC2.XX.99	3050 lm	2400 lm	3000	80	25W - 220-240Vac 50/60Hz	I	1
4351R/NC2.XX.99	3200 lm	2520 lm	4000	80	25W - 220-240Vac 50/60Hz	I	1

Beam
XX=NB (Spot 14°)
XX=MB (Flood 32°)
XX=WB (Wide Flood 44°)

Direct Emission Uplight
Silk-Screen Clear Glass

Dali dimmable on request
with extra charge

LED SYSTEM WITH BUILT-IN DRIVER - Asymmetric

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
4350A/WC2.VT.99	3050 lm	2030 lm	3000	80	25W - 220-240Vac 50/60Hz	I	1
4350A/NC2.VT.99	3200 lm	2130 lm	4000	80	25W - 220-240Vac 50/60Hz	I	1
4351A/WC2.VT.99	3050 lm	2030 lm	3000	80	25W - 220-240Vac 50/60Hz	I	1
4351A/NC2.VT.99	3200 lm	2130 lm	4000	80	25W - 220-240Vac 50/60Hz	I	1

Beam
35° (90-270)

Asymmetric Emission Uplight
Silk-Screen Clear Glass

Dali dimmable on request
with extra charge



LED ARRAY SYSTEM WITH BUILT-IN DRIVER

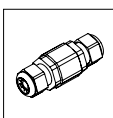
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
4350R/WR50XX.99	2130 lm	1531 lm	3000	80	18W - 220-240Vac 50/60Hz	I	4
4350R/NR50XX.99	2270 lm	1632 lm	4000	80	18W - 220-240Vac 50/60Hz	I	4
4351R/WR50XX.99	2130 lm	1531 lm	3000	80	18W - 220-240Vac 50/60Hz	I	4
4351R/NR50XX.99	2270 lm	1632 lm	4000	80	18W - 220-240Vac 50/60Hz	I	4

Beam
XX=NB (Flood 20°)
XX=MB (Flood 32°)
XX=WB (Wide Flood 50°)
XX=AB (Asymmetric)

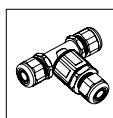
Direct Emission Uplight
Silk-Screen Clear Glass

Dali dimmable on request
with extra charge

ACCESSORIES



MOR683P/2V
IP68 2ways/3poles connector.
Maximum section 3x2.5mm



MOR683P/3V
IP68 3ways/3poles branch
connector. Maximum section
3x2.5mm

GROUND RECESSED

PLATHO260

SPECIFICATIONS



Installation:
Ground recessed

- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- The device is supplied with a 300mm long cable (3x1mm²)
- Supplied with Polypropylene Box PP GW750
- **Walkable for pedestrian paths. Max load 1000Kg**
- **IP68 connector available on request**



LED SYSTEM WITH BUILT-IN DRIVER

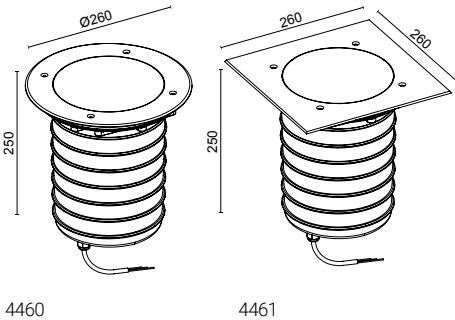
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
4460R/WC90XX.99	4850 lm	3817 lm	3000	80	28W - 220-240Vac 50/60Hz	I	1
4460R/NC90XX.99	5100 lm	4015 lm	4000	80	28W - 220-240Vac 50/60Hz	I	1
4461R/WC90XX.99	4850 lm	3817 lm	3000	80	28W - 220-240Vac 50/60Hz	I	1
4461R/NC90XX.99	5100 lm	4015 lm	4000	80	28W - 220-240Vac 50/60Hz	I	1

Beam
XX=NB (Spot 14°)
XX=MB (Flood 32°)
XX=WB (Wide Flood 44°)

Direct Emission Uplight
Silk-Screen Clear Glass

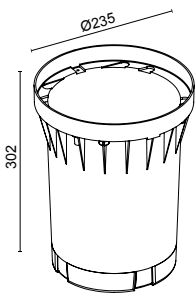
Dali dimmable on request
with extra charge

DIMENSIONS



4460

4461



LED SYSTEM WITH BUILT-IN DRIVER - Asymmetric

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
4460A/WC90VT.99	4850 lm	3230 lm	3000	80	28W - 220-240Vac 50/60Hz	I	1
4460A/NC90VT.99	5100 lm	3396 lm	4000	80	28W - 220-240Vac 50/60Hz	I	1
4461A/WC90VT.99	4850 lm	3230 lm	3000	80	28W - 220-240Vac 50/60Hz	I	1
4461A/NC90VT.99	5100 lm	3396 lm	4000	80	28W - 220-240Vac 50/60Hz	I	1

Beam
35° (90-270)

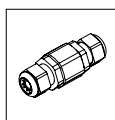
Asymmetric Emission
Uplight
Silk-Screen Clear Glass

Dali dimmable on request
with extra charge

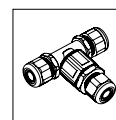
FRAME



ACCESSORIES



MOR683P/2V
IP68 2ways/3poles connector.
Maximum section 3x2.5mm



MOR683P/3V
IP68 3ways/3poles branch
connector. Maximum section
3x2.5mm

GROUND RECESSED

PLATHO260

SPECIFICATIONS



- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- The device is supplied with a 300mm long cable (3x1mm²)
- Supplied with Polypropylene Box PP GW750
- **Walkable for pedestrian paths. Max load 1000Kg**
- **IP68 connector available on request**



LED ARRAY SYSTEM WITH BUILT-IN DRIVER

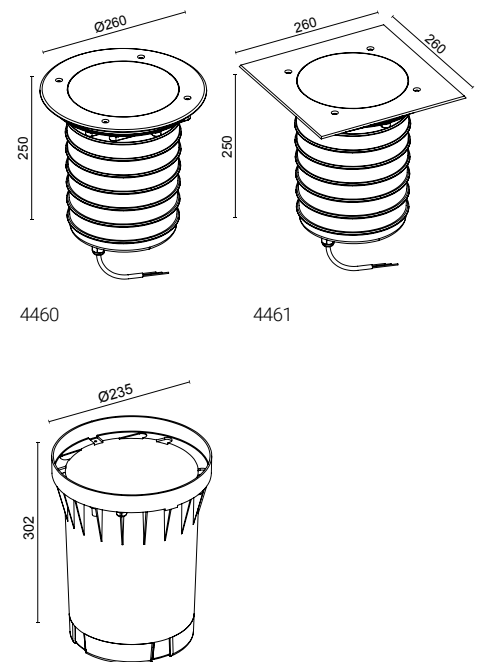
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
4460R /WR60XX.99	3710 lm	2671 lm	3000	80	28W - 220-240Vac 50/60Hz	I	4
4460R /NR60XX.99	3930 lm	2830 lm	4000	80	28W - 220-240Vac 50/60Hz	I	4
4461R /WR60XX.99	3710 lm	2671 lm	3000	80	28W - 220-240Vac 50/60Hz	I	4
4461R /NR60XX.99	3930 lm	2830 lm	4000	80	28W - 220-240Vac 50/60Hz	I	4

Beam
 XX=NB (Flood 20°)
 XX=MB (Flood 32°)
 XX=WB (Wide Flood 50°)
 XX=AB (Asymmetric)

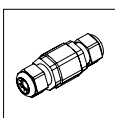
Direct Emission Uplight
 Silk-Screen Clear Glass

Dali dimmable on request
 with extra charge

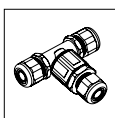
DIMENSIONS



ACCESSORIES



MOR683P/2V
 IP68 2ways/3poles connector.
 Maximum section 3x2.5mm



MOR683P/3V
 IP68 3ways/3poles branch
 connector. Maximum section
 3x2.5mm

FRAME



99
 STAINLESS STEEL AISI316L

PLATHO

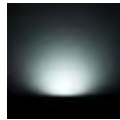
PHOTOMETRICS DATA



	Dist. (m)	Em (Lux)	E _{max} (Lux)	4050R/NC0.NB Spot CCT : 4000K Power : 10 W System : 809 lm Effic. : 80.1 lm/W I _{max} : 15361 cd/Klm LOR : 72.6 % Ø _α : 1.0m Ø _β : 1.0m α : 11.6° β : 11.6°
	1.0	10528	15361	
	2.0	2632	3840	
	3.0	1170	1707	
	4.0	658	960	



	Dist. (m)	Em (Lux)	E _{max} (Lux)	4050R/NC0.MB Flood CCT : 4000K Power : 10 W System : 794 lm Effic. : 78.6 lm/W I _{max} : 4255 cd/Klm LOR : 71.2 % Ø _α : 1.7m Ø _β : 1.7m α : 23.9° β : 23.9°
	1.0	3002	4255	
	2.0	750	1064	
	3.0	334	473	
	4.0	188	266	



	Dist. (m)	Em (Lux)	E _{max} (Lux)	4250A/NC2.VT Asymmetric CCT : 4000K Power : 18W System : 1530 lm Effic. : 78.6 lm/W I _{max} : 805 cd/Klm LOR : 66.5 % Ø _α : 22.1m Ø _β : 6.0m α : 131.2° β : 62.8° Tilt : 9.1°
	1.0	154	294	
	2.0	39	73	
	3.0	17	33	
	4.0	10	18	



	Dist. (m)	Em (Lux)	E _{max} (Lux)	4250R/NC2.NB Spot CCT : 4000K Power : 18W System : 1983 lm Effic. : 110.2 lm/W I _{max} : 5816 cd/Klm LOR : 86.2 % Ø _α : 1.2m Ø _β : 1.2m α : 14.4° β : 14.4°
	1.0	3789	5816	
	2.0	947	1454	
	3.0	421	646	
	4.0	237	364	

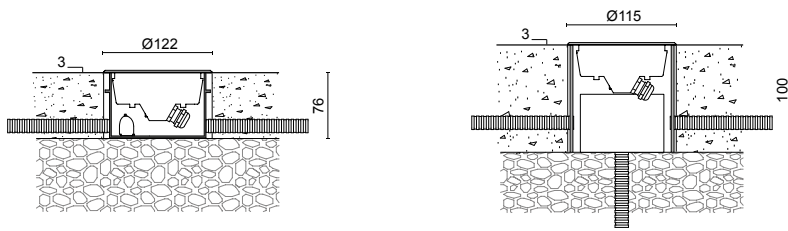


	Dist. (m)	Em (Lux)	E _{max} (Lux)	4250R/NC2.WB Wide Flood CCT : 4000K Power : 18W System : 1945 lm Effic. : 106.3 lm/W I _{max} : 1508 cd/Klm LOR : 84.6 % Ø _α : 4.4m Ø _β : 4.4m α : 46.6° β : 46.6°
	1.0	966	1508	
	2.0	241	377	
	3.0	107	168	
	4.0	60	94	

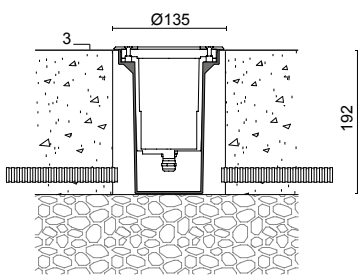
PLATHO

ASSEMBLY

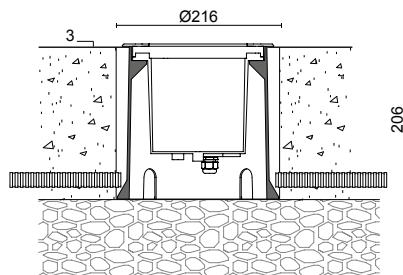
4050R/4051R



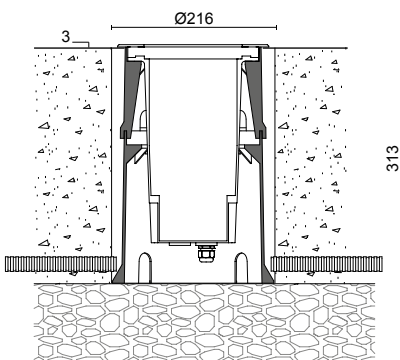
4150R/4151R



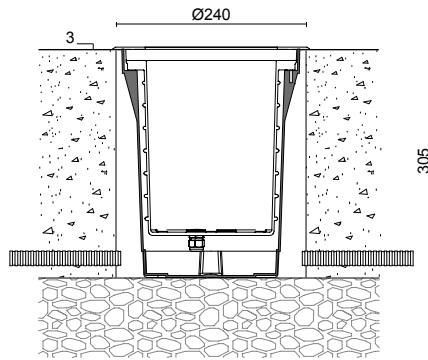
4250R/4251R



4350R/4351R



4460R/4461R



CHARACTERISTICS

- Recessed luminaire with outer casing to be buried on a draining gravel bed
- Corrugated inlet up to Ø25mm on the sides and on the bottom.
- Supplied pre-wired with 30cm H05RN-F 3x1mmq cable and IP68 cable gland (5x1mmq Ver. Dimmable)
- Optical/Driver section not accessible during installation.
- IP68 protected external driver compartment, to be inserted in the outer casing during installation. (4050-4051)
- Independent internal driver compartment not accessible during installation.
- LED / Driver maintenance can be carried out by disassembling the glass and closing ring. (except 4050-4051)
- Driver maintenance can be carried out by replacing the resin box. (Only 4050-4051)
- Fixed or Dali dimmable output system for monochromatic LEDs on request
- Sistema RGBW per LED multichip con driver/controller DMX Remoto 4ch 24Vdc
- Luminaire Conforms to EN60598-1 Standard and special requirements

MATERIALS

- Outer casing in Loaded Polypropylene (PP)30% GWT750 UV Resist.
- Body/Ring in aluminum alloy for die Casting
- Round / Square Mask in 3mm sandblasted Stainless Steel AISI316L
- Extra-clear float glass with serigraphy (trasm. LTF>90%) or etched (trasm. LTF>40%). Th. 8mm (CODE 4050/4051) - 12mm (CODE 4151/4151) - 15mm (CODE 4250/4251 - 4350/4351 - 4460/4461)
- Glass gasket in silicone rubber – Tx -50/+250°C UV resist.
- Passive heatsink in aluminum alloy for extrusion.
- Internal and external screws in A2 Stainless Steel
- M16 IP68 brass cable gland
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

LUCY



LUCY



LUCY

LINKED PRODUCTS



LUCY WALL
Pag. 132



LUCY WALL RECESSED
Pag. 268



GROUND RECESSED

LUCY



APPLICATION



Versatile luminaire available in recessed wall, floor recessed and wall mounted versions. The recessed wall and floor recesses have reduced depth and an AISI316L stainless steel ring which guarantee a very high resistance to oxidation. Also available with an octagonal-shaped ring that allows interesting architectural combinations. The "LUCY" model wall lamp is available in NYLON, painted aluminum or AISI316L stainless steel.

GROUND RECESSED

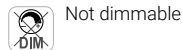
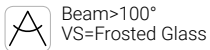
LUCY

SPECIFICATIONS



LED DIRECT AC SYSTEM

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
1061R/WR1.VS.99	450 lm	260 lm	3000 K	80	5W - 220-240Vac 50/60Hz	II
1061R/NR1.VS.99	475 lm	275 lm	4000 K	80	5W - 220-240Vac 50/60Hz	II

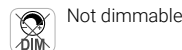
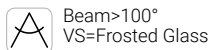


- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Supplied with recessed box in Polyamide PA6 GW960
- **Walkable for pedestrian paths. Max load 500Kg**

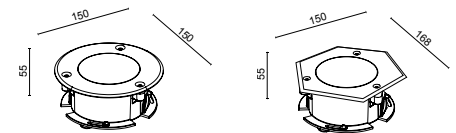


LED DIRECT AC SYSTEM

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
1063R/WR1.VS.99	450 lm	260 lm	3000 K	80	5W - 220-240Vac 50/60Hz	II
1063R/NR1.VS.99	475 lm	275 lm	4000 K	80	5W - 220-240Vac 50/60Hz	II

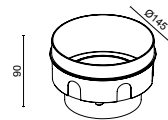


DIMENSIONS

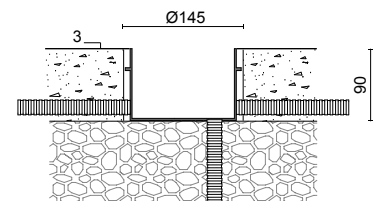


1061R

1063R



ASSEMBLY



CHARACTERISTICS

- Optical system housing accessible during installation.
- Ground connection system with plastic anchoring plate
- Connection to the power supply network through cable gland for cables max diameter 11mm type H07RN-F 3x1.5 or similar.
- LED maintenance by opening the optical compartment.
- Fixed output system with SMD LEDs with direct 230Vac power supply.
- Luminaire Conforms to EN60598-1 Standard and special requirements

MATERIALS

- Ring in AISI316L steel plate
- Ground recessed unit in Polyamide (PA6) filled with 30% GWT960 UV Resist.
- Diffuser in extra-clear acid-etched glass internally LTF > 60%.
- Seals in EDPM closed cell rubber, UV- resist. Tx -40/+150°C.
- Passive heatsink in aluminum alloy for extrusion.
- Internal and external screws in A2 Stainless Steel
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

FRAME



99
STAINLESS STEEL AISI316L

CLIO



CLIO

LINKED PRODUCTS



CLIO WALL
Pag. 138



CLIO WALL RECESSED
Pag. 272



GROUND RECESSED

CLIO



APPLICATION



Elegant in shape, eclectic in the materials used, "CLIO" is available with a nylon cover for wall application and in AISI316L steel for wall and floor recessing. "CLIO" is a versatile object that is easy to insert in any context. The materials used in the construction of "CLIO" guarantee its use even in environments with high salinity.

GROUND RECESSED

CLIO

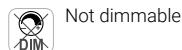
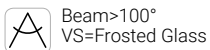
SPECIFICATIONS



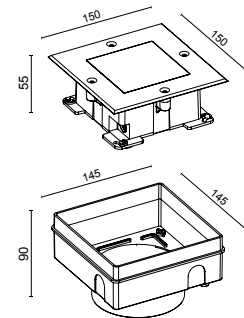
- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Supplied with recessed box in Polyamide PA6 GW960
- **Walkable for pedestrian paths. Max load 500Kg**

LED DIRECT AC SYSTEM

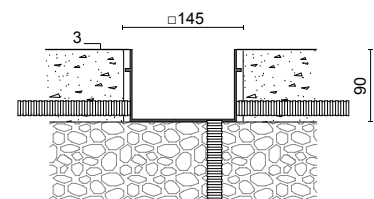
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
1081R/WR1.VS.99	450 lm	260 lm	3000 K	80	5W - 220-240Vac 50/60Hz	II
1081R/NR1.VS.99	475 lm	275 lm	4000 K	80	5W - 220-240Vac 50/60Hz	II



DIMENSIONS



ASSEMBLY



CHARACTERISTICS

- Optical system housing accessible during installation.
- Ground connection system with plastic anchoring plate
- Connection to the feeding network through cable gland Max 11mm diameter type H07RN-F 3x1.5 or similar.
- LED maintenance by opening the optical compartment.
- Fixed output system with SMD LEDs with direct 230Vac power supply.
- Luminaire Conforms to EN60598-1 Standard and special requirements

MATERIALS

- Ring in AISI316L steel plate
- Ground recessed unit in Polyamide (PA6) filled with 30% GWT960 UV Resist.
- Diffuser in extra-clear acid-etched glass internally LTF > 60%.
- Seals in EDPM closed cell rubber, UV- resist. Tx -40/+150°C.
- Passive heatsink in aluminum alloy for extrusion.
- Internal and external screws in A2 Stainless Steel
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

FRAME



99
STAINLESS STEEL AISI316L

MINIPARKER



MINIPARKER



GROUND RECESSED

MINIPARKER



APPLICATION

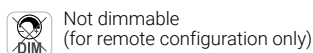


Very compact recessed luminaire suitable for use as a drive-over and walk-over luminaire thanks to its die-cast aluminum cap slightly protruding from the top. The light emitted from the side slits makes it ideal for lighting avenues and all those paths that require grazing light to highlight the paths. The body is in extruded aluminum, galvanically treated and therefore suitable for installation directly in the ground. Equipped only with LED sources with 230V or remote power supply and with IP67 protection degree



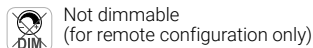
LED SYSTEM WITH BUILT-IN DRIVER - 1 Way

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
4030R/WR2.V0	595 lm	120 lm	3000 K	80	5W - 220-240Vac 50/60Hz	I
4030R/NR2.V0	605 lm	125 lm	4000 K	80	5W - 220-240Vac 50/60Hz	I



LED SYSTEM WITH BUILT-IN DRIVER - 2 Ways

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
4030R/WR2.V2	1190 lm	250 lm	3000 K	80	9W - 220-240Vac 50/60Hz	I
4030R/NR2.V2	1210 lm	255 lm	4000 K	80	9W - 220-240Vac 50/60Hz	I



GROUND RECESSED

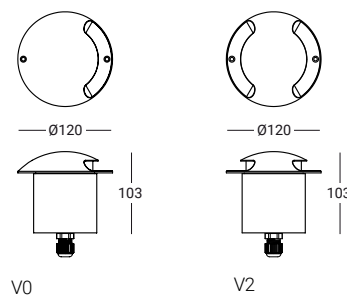
MINIPARKER

SPECIFICATIONS

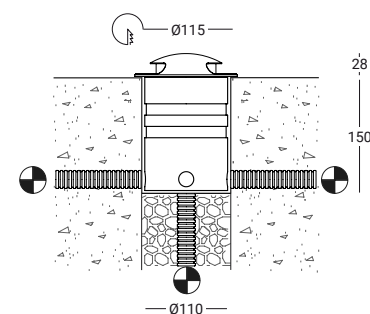


- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Supplied with 3x1mm² cable 300mm long
- Fixing without built-in box
- **Walkable for pedestrian paths. Max load 500Kg**
- **Suitable for dribbling steps. Maximum load 2000Kg**
- **IP68 connector available on request**

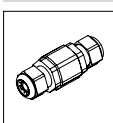
DIMENSIONS



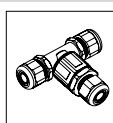
ASSEMBLY



ACCESSORIES



MOR683P/2V
IP68 2ways/3poles connector.
Maximum section 3x2.5mm



MOR683P/3V
IP68 3ways/3poles branch
connector. Maximum section
3x2.5mm

CHARACTERISTICS

- Optical system housing accessible during installation.
- Ground connection system with metal dowels
- Connection to the feeding network through cable cable gland Max 11mm diameter type H07RN-F 3x1.5 or similar.
- LED maintenance by opening the optical compartment.
- Fixed output system with SMD LEDs with direct 230Vac power supply.
- Luminaire Conforms to EN60598-1 Standard and special requirements

MATERIALS

- Body: aluminum alloy for extrusion
- Diffusore in Vetro Extra-clear LTF>90%.
- Seals in EDPM closed cell rubber, UV-resist. Tx -40/+150°C.
- Passive heatsink in aluminum alloy for extrusion.
- Internal and external screws in A2 Stainless Steel
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

STANDARD COLOURS



PARKER



PARKER



PARKER



PARKER



PARKER





APPLICATION



Parker is a family of recessed luminaires with a reinforced shell to make it suitable for installation mainly in driveways (driveways, garages, etc.) thanks to a compressive strength of 5000Kg.

The different optical configurations allow a radial and grazing light emission to the ground, in such a way as to optimize visibility on all horizontal surfaces. For this reason, the scope of application can also extend to avenues and walkways where the visibility of the path is fundamental and preponderant with respect to the need to illuminate the vertical planes.

In addition to the caps with grazing emission, a wide range of "designed" caps is available that extend the use of the series beyond pure functional requirements.

Made entirely of die-cast aluminum, it offers a high degree of protection IP65 and the use of electronic or electromagnetic components, with the possibility of Dali dimming.

CHARACTERISTICS

- Optical compartment not accessible during installation.
- Ground connection system by metal counterway to be underground
- Connection to the power supply through pre-wired cable type H07RN-F 3x1.5.
- LED maintenance by opening the optical compartment.
- Fixed output system with SMD LEDs with direct 230Vac power supply.
- Luminaire Conforms to EN60598-1 Standard and special requirements

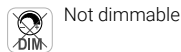
MATERIALS

- Body: Die casting aluminum alloy
- Aluminum alloy counter-die-casting
- Diffuser in pressed glass LTF > 85%.
- Silicone rubber gaskets UV resist. Tx -40/+180°C
- Passive heat sink in extrusion aluminium alloy.
- Internal and external screws in A2 Stainless Steel
- IP68 cable gland in chromed brass
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.



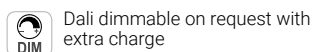
LED DIRECT AC SYSTEM

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
4605R/WR3.V5	1020 lm	138 lm	3000 K	80	13W - 220-240Vac 50/60Hz	I
4605R/NR3.V5	1200 lm	160 lm	4000 K	80	13W - 220-240Vac 50/60Hz	I



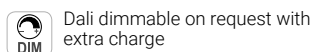
LED SYSTEM WITH BUILT-IN DRIVER - 1 Way

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
4607R/WR3.V0	1040 lm	160 lm	3000 K	80	9W - 220-240Vac 50/60Hz	I
4607R/NR3.V0	1090 lm	165 lm	4000 K	80	9W - 220-240Vac 50/60Hz	I



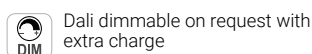
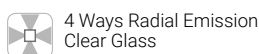
LED SYSTEM WITH BUILT-IN DRIVER - 2 Ways

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
4607R/WR3.V1	2080 lm	320 lm	3000 K	80	17W - 220-240Vac 50/60Hz	I
4607R/NR3.V1	2180 lm	330 lm	4000 K	80	17W - 220-240Vac 50/60Hz	I

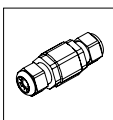


LED SYSTEM WITH BUILT-IN DRIVER - 4 Ways

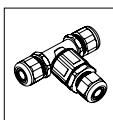
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
4607R/WR3.V3	2080 lm	640 lm	3000 K	80	17W - 220-240Vac 50/60Hz	I
4607R/NR3.V3	2180 lm	660 lm	4000 K	80	17W - 220-240Vac 50/60Hz	I



ACCESSORIES



MOR683P/2V
IP68 2ways/3poles connector.
Maximum section 3x2.5mm



MOR683P/3V
IP68 3ways/3poles branch
connector. Maximum section
3x2.5mm

GROUND RECESSED

PARKER

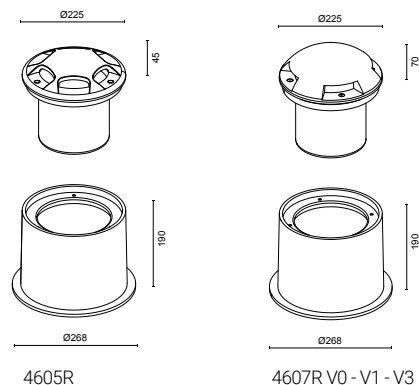
SPECIFICATIONS



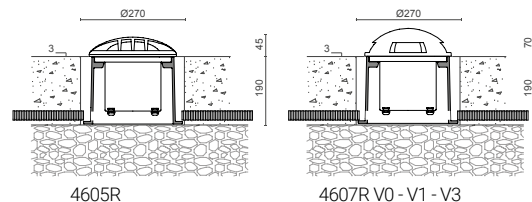
Installation:
Ground recessed

- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- Supplied with 3x1mm² cable 300mm long
- Supplied with die-cast aluminum box
- **Walkable for pedestrian paths. Max load 2000Kg COD.4605**
- **Max load 5000Kg COD.4607**
- **IP68 connector available on request**

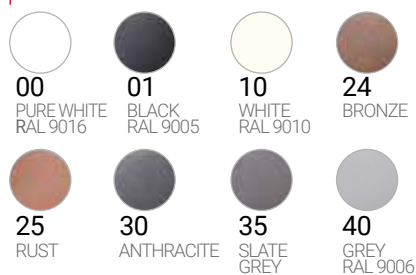
DIMENSIONS



ASSEMBLY



STANDARD COLOURS



PLATHO-X 4900R | PLATHO-X 4901R



PLATHO-X 4905R | PLATHO-X 4906R



PLATHO-X 4907R | PLATHO-X 4909R



PLATHO-X 4910R



PLATHO-X 4913R



PLATHO-X



GROUND RECESSED

PLATHO-X



APPLICATION



Ground recessed luminaires, walkable up to 1000Kg. It is equipped with secondary optics for different light distributions, useful for grazing illumination of facades and architectural elements, or with etched glass for diffused distribution combined with glare control which makes it suitable for pedestrian walkways.



GROUND RECESSED

PLATHO-X

SPECIFICATIONS



- The rated flux values refer to source LED at Ts85°C / ta25°C
- The total power of the system depends on the number and type of devices envisaged. Depending on the project, it may be necessary to use "n" single power supply devices.
- Appliance supplied with 2x1mm² cable 100mm long
- Supplied with built-in aluminum box
- **IP68 component-holder box available only on request**
- **IP68 connector available on request**
- **Driver 24V da ordinare separatamente**
- **Walkable for pedestrian paths. Max load 500Kg**

LED SYSTEM WITH REMOTE DRIVER 24Vdc

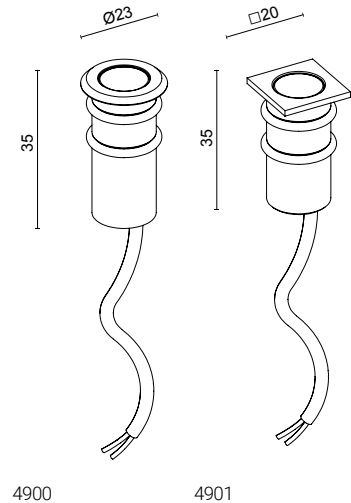
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
4900R/WP24.XX.99	130 lm	80 lm	3000 K	80	1.3W - 24Vdc	III
4900R/NP24.XX.99	130 lm	80 lm	4000 K	80	1.3W - 24Vdc	III

Beam:
XX=NB (Spot 20°)
XX=WB (Wide Flood 60°)

Direct Emission Uplight
Silk-Screen Clear Glass

Not dimmable

DIMENSIONS



LED SYSTEM WITH REMOTE DRIVER 24Vdc

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
4901R/WP24.XX.99	130 lm	80 lm	3000 K	80	1.3W - 24Vdc	III
4901R/NP24.XX.99	130 lm	80 lm	4000 K	80	1.3W - 24Vdc	III

Beam:
XX=NB (Spot 20°)
XX=WB (Wide Flood 60°)

Direct Emission Uplight
Silk-Screen Clear Glass

Not dimmable

FRAME



GROUND RECESSED

PLATHO-X

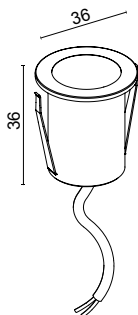
SPECIFICATIONS



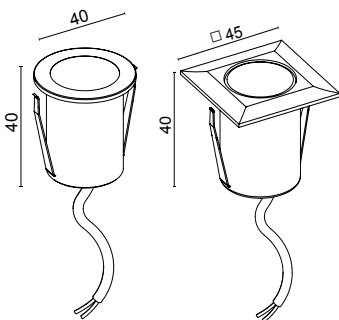
Installation:
Ground recessed

- The rated flux values refer to source LED at Ts85°C / ta25°C
- The total power of the system depends on the number and type of devices envisaged. Depending on the project, it may be necessary to use "n" single power supply devices.
- Appliance supplied with 2x1mm² cable 100mm long
- Supplied with built-in aluminum box
- **IP68 component-holder box available only on request**
- **IP68 connector available on request**
- **Driver 24V da ordinare separatamente**
- **Walkable for pedestrian paths. Max load 500Kg**

DIMENSIONS



4905



4906

4907

FRAME

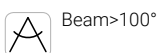


99
STAINLESS STEEL AISI316L



LED SYSTEM WITH REMOTE DRIVER 24Vdc

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
4905R/WR24VS.99	95 lm	19 lm	3000 K	80	1.3W - 24Vdc	III
4905R/NR24VS.99	100 lm	21 lm	4000 K	80	1.3W - 24Vdc	III



Beam>100°



Diffuse Emission Uplight
Frosted Glass



Not dimmable



LED SYSTEM WITH REMOTE DRIVER 24Vdc

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
4906R/WP24.XX.99	95 lm	80 lm	3000 K	80	1.3W - 24Vdc	III
4906R/NP24.XX.99	100 lm	84 lm	4000 K	80	1.3W - 24Vdc	III



Beam:
XX=NB (Spot 20°)
XX=WB (Wide Flood 60°)



Direct Emission Uplight
Silk-Screen Clear Glass



Not dimmable



LED SYSTEM WITH REMOTE DRIVER 24Vdc

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
4907R/WR24.XX.99	95 lm	80 lm	3000 K	80	1.3W - 24Vdc	III
4907R/NR24.XX.99	100 lm	84 lm	4000 K	80	1.3W - 24Vdc	III



Beam:
XX=NB (Spot 20°)
XX=WB (Wide Flood 60°)



Direct Emission Uplight
Silk-Screen Clear Glass



Not dimmable

GROUND RECESSED

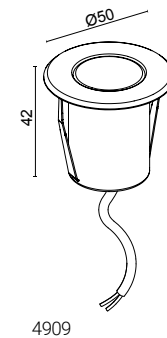
PLATHO-X

SPECIFICATIONS

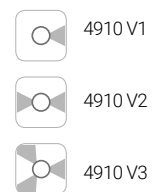
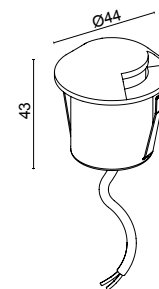


- The rated flux values refer to source LED at Ts85°C / ta25°C
- The total power of the system depends on the number and type of devices envisaged. Depending on the project, it may be necessary to use "n" single power supply devices.
- Appliance supplied with 2x1mm² cable 100mm long
- Supplied with built-in aluminum box
- **IP68 component-holder box available only on request**
- **IP68 connector available on request**
- **Driver 24V da ordinare separatamente**
- **Walkable for pedestrian paths. Max load 500Kg**

DIMENSIONS



4909



FRAME



99
STAINLESS STEEL AISI316L



LED SYSTEM WITH REMOTE DRIVER 24Vdc

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
4909R/WP24.XX.99	95 lm	85 lm	3000 K	80	1.3W - 24Vdc	III
4909R/NP24.XX.99	100 lm	90 lm	4000 K	80	1.3W - 24Vdc	III

Beam:
XX=NB (Spot 20°)
XX=WB (Wide Flood 60°)

Direct Emission Uplight
Silk-Screen Clear Glass

Not dimmable



V1



V2



V3

LED SYSTEM WITH REMOTE DRIVER 24Vdc

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
4910R/WP24.V1.99	230 lm	14 lm	3000 K	80	1.3W - 24Vdc	III
4910R/NP24.V1.99	230 lm	14 lm	4000 K	80	1.3W - 24Vdc	III
4910R/WP24.V2.99	230 lm	21 lm	3000 K	80	1.3W - 24Vdc	III
4910R/NP24.V2.99	230 lm	21 lm	4000 K	80	1.3W - 24Vdc	III
4910R/WP24.V3.99	230 lm	23 lm	3000 K	80	1.3W - 24Vdc	III
4910R/NP24.V3.99	230 lm	23 lm	4000 K	80	1.3W - 24Vdc	III

Beam:
V1=90°
V2=90°+90°
V3=60°+60°+60°

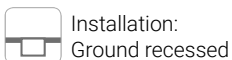
Direct Emission Uplight
Clear Glass

Not dimmable

GROUND RECESSED

PLATHO-X

SPECIFICATIONS

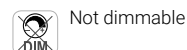
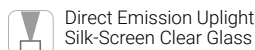
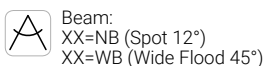


- The rated flux values refer to source LED at Ts85°C / ta25°C
- The total power of the system depends on the number and type of devices envisaged. Depending on the project, it may be necessary to use "n" single power supply devices.
- Appliance supplied with 2x1mm² cable 100mm long
- Supplied with built-in aluminum box
- **IP68 component-holder box available only on request**
- **IP68 connector available on request**
- **Driver 24V da ordinare separatamente**
- **Walkable for pedestrian paths. Max load 500Kg**

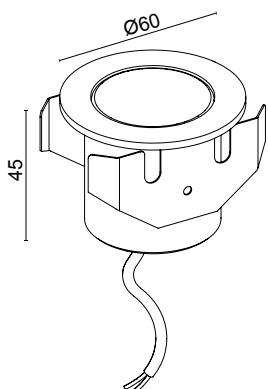


LED SYSTEM WITH REMOTE DRIVER 24Vdc

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
4913R/WP24.XX.99	230 lm	69 lm	3000 K	80	1.3W - 24Vdc	III
4913R/NP24.XX.99	230 lm	69 lm	4000 K	80	1.3W - 24Vdc	III



DIMENSIONS

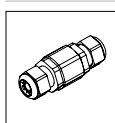


FRAME

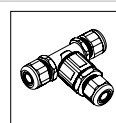


99
STAINLESS STEEL AISI316L

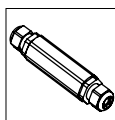
ACCESSORIES



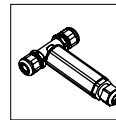
MOR683P/2V
IP68 2ways/3poles connector.
Maximum section 3x2.5mm



MOR683P/3V
IP68 3ways/3poles branch connector. Maximum section 3x2.5mm



MOR686P/2V
IP68 2ways/3poles connector.
Maximum section 6x2.5mm



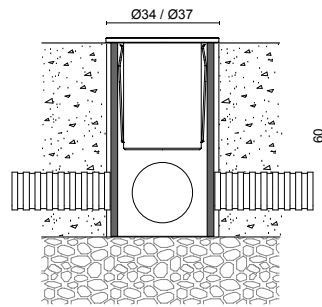
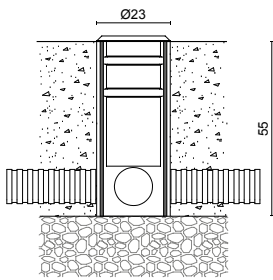
MOR686P/3V
IP68 3ways/3poles branch connector. Maximum section 6x2.5mm

PLATHO-X

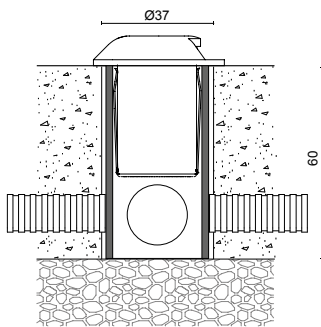
ASSEMBLY

4900 - 4901

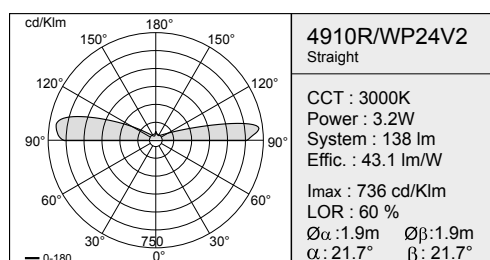
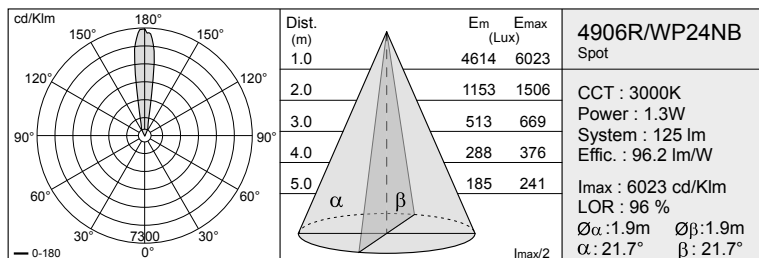
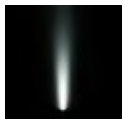
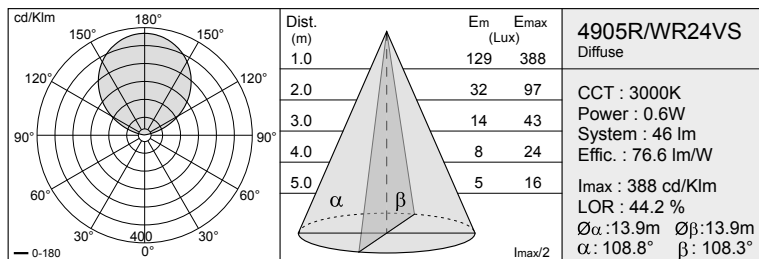
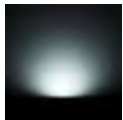
4095 - 4906 - 4907 - 4909



4910



PHOTOMETRICS DATA



CHARACTERISTICS

- Built-in ground floor with counter-base counter on gravel draining bed
- Appliance suitable for permanent submersion for a MAX depth 10m (IP68)
- Wire accessible part suitable for pedestrian walkway (1000Kg). Non-driveway.
- Supplied pre-wired with 1m cable to 3m type H05RN-F 2xAWG24
- Fixing with harmonic steel retaining springs
- Optical/Driver section not accessible during installation.
- LED maintenance implementable only by replacement of the illuminating body.
- 24 VDC or dimmable DALI fixed output system for monochromatic LEDs.
- Remote drivers to be incorporated into a protected compartment (available accessory in Boxip68 resinited)
- Single monochromatic LED available upon request in color version (red, green, blue, amber)
- Luminaire Conforms to EN60598-1 Standard and special requirements

MATERIALS

- AISI316L stainless steel sheet metal contract
- Stainless Steel Turned body AISI316L
- Float Glass extra-clear with serigraphy (trasm. LT>90%) or etched (trasm. LT>40%).
- Glass/Driver gasket in neutral cross-linking silicone glue - Tx -50/+250°C UV resist.
- Two-component epoxy internal resin
- Internal and external stainless steel screws A2

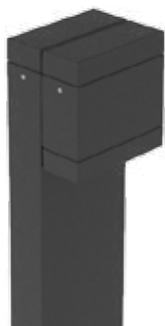


—

SMALL POLES

—

MODO 601F



MODO 602F



MODO 603F



MODO 604F



MODO

LINKED PRODUCTS



MODO WALL
Pag. 20



MODO SUSPENSION
Pag. 144



MODO FLOODLIGHT
Pag. 170



MODDO



APPLICATION



A simple parallelepiped, with a minimal line and compact dimensions for a bollard system oriented according to the light requirements. Luminaire capable of evolving into multiple geometric and optical variants and thus supporting the multiple and diversified needs of the lighting designer. Dali dimmable on request with extra charge.



SMALL POLES


MODO

SPECIFICATIONS




LED SYSTEM WITH BUILT-IN DRIVER

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
601F1/WP70XX	790 lm	660 lm	3000K	>80	8W - 220-240Vac 50/60Hz	I	3
601F1/NP70XX	900 lm	740 lm	4000K	>80	8W - 220-240Vac 50/60Hz	I	3
601F2/WP70XX	790 lm	660 lm	3000K	>80	8W - 220-240Vac 50/60Hz	I	3
601F2/NP70XX	900 lm	740 lm	4000K	>80	8W - 220-240Vac 50/60Hz	I	3

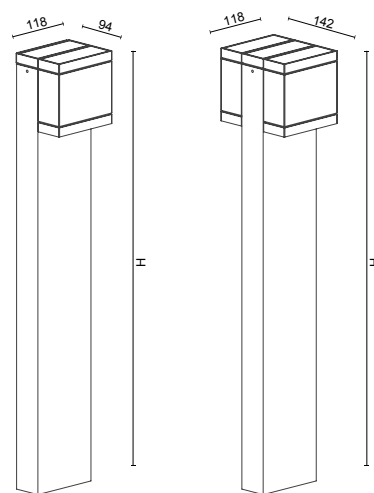
 Beam
XX=A1 (Asymmetric)
XX=A2 (Asymmetric)
XX=WB (Wide Flood 50°)

 Single Emission
Silk-Screen Clear Glass

 Dali dimmable on request
with extra charge

- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- **Ground connection system with anchoring brackets to be ordered separately**

DIMENSIONS




CODE	H
601F1	600mm
601F2	1000mm


CODE	H
602F1	600mm
602F2	1000mm




LED SYSTEM WITH BUILT-IN DRIVER

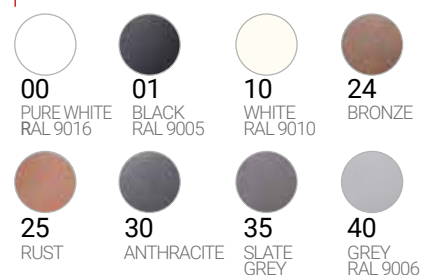
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
602F1/WP70XX	1580 lm	1320 lm	3000K	>80	2x8W - 220-240Vac 50/60Hz	I	6
602F1/NP70XX	1800 lm	1480 lm	4000K	>80	2x8W - 220-240Vac 50/60Hz	I	6
602F2/WP70XX	1580 lm	1320 lm	3000K	>80	2x8W - 220-240Vac 50/60Hz	I	6
602F2/NP70XX	1800 lm	1480 lm	4000K	>80	2x8W - 220-240Vac 50/60Hz	I	6

 Beam
XX=A1 (Asymmetric)
XX=A2 (Asymmetric)
XX=WB (Wide Flood 50°)

 Double Emission
Silk-Screen Clear Glass

 Dali dimmable on request
with extra charge

STANDARD COLOURS



MODO



SPECIFICATIONS

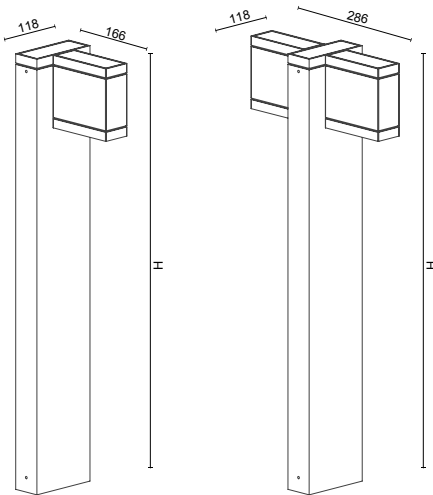


- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- **Ground connection system with anchoring brackets to be ordered separately**

LED SYSTEM WITH BUILT-IN DRIVER

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
603F1/WP70XX	790 lm	660 lm	3000K	>80	8W - 220-240Vac 50/60Hz	I	3
603F1/NP70XX	900 lm	740 lm	4000K	>80	8W - 220-240Vac 50/60Hz	I	3
603F1/WP70BB	260 lm	215 lm	3000K	>80	3.5W - 220-240Vac 50/60Hz	I	1
603F1/NP70BB	300 lm	250 lm	4000K	>80	3.5W - 220-240Vac 50/60Hz	I	1
603F2/WP70XX	790 lm	660 lm	3000K	>80	8W - 220-240Vac 50/60Hz	I	3
603F2/NP70XX	900 lm	740 lm	4000K	>80	8W - 220-240Vac 50/60Hz	I	3
603F2/WP70BB	260 lm	215 lm	3000K	>80	3.5W - 220-240Vac 50/60Hz	I	1
603F2/NP70BB	300 lm	250 lm	4000K	>80	3.5W - 220-240Vac 50/60Hz	I	1

DIMENSIONS



CODE	H
603F1	600mm
603F2	1000mm

CODE	H
604F1	600mm
604F2	1000mm

Beam
 XX=A1 (Asymmetric)
 XX=A2 (Asymmetric)
 XX=WB (Wide Flood 50°)
 BB (Straight Blade 4°)

Single Emission
 Silk-Screen Clear Glass

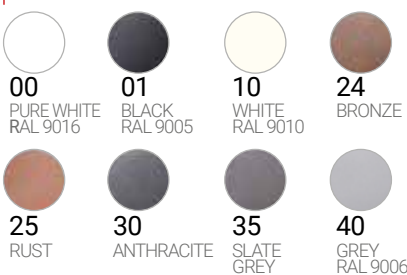
Dali dimmable on request
 with extra charge



LED SYSTEM WITH BUILT-IN DRIVER

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
604F1/WP70XX	1580 lm	1320 lm	3000K	>80	2x8W - 220-240Vac 50/60Hz	I	6
604F1/NP70XX	1800 lm	1480 lm	4000K	>80	2x8W - 220-240Vac 50/60Hz	I	6
604F1/WP70BB	520 lm	430 lm	3000K	>80	2x3.5W - 220-240Vac 50/60Hz	I	2
604F1/NP70BB	600 lm	500 lm	3000K	>80	2x3.5W - 220-240Vac 50/60Hz	I	2
604F2/WP70XX	1580 lm	1320 lm	3000K	>80	2x8W - 220-240Vac 50/60Hz	I	6
604F2/NP70XX	1800 lm	1480 lm	4000K	>80	2x8W - 220-240Vac 50/60Hz	I	6
604F2/WP70BB	520 lm	430 lm	3000K	>80	2x3.5W - 220-240Vac 50/60Hz	I	2
604F2/NP70BB	600 lm	500 lm	3000K	>80	2x3.5W - 220-240Vac 50/60Hz	I	2

STANDARD COLOURS



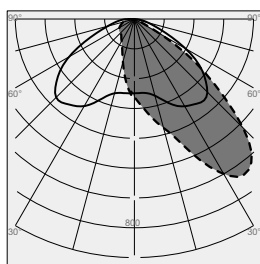
Beam
 XX=A1 (Asymmetric)
 XX=A2 (Asymmetric)
 XX=WB (Wide Flood 50°)
 BB (Straight Blade 4°)

Double Emission
 Silk-Screen Clear Glass

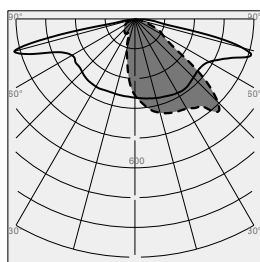
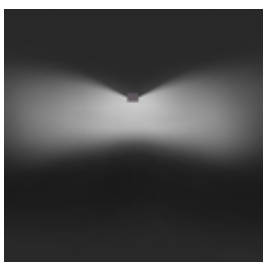
Dali dimmable on request
 with extra charge

MODO

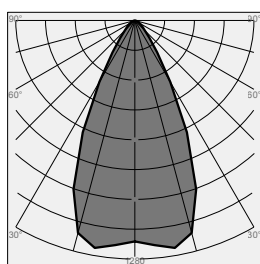
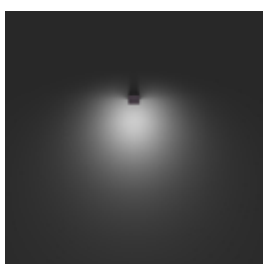
PHOTOMETRICS DATA



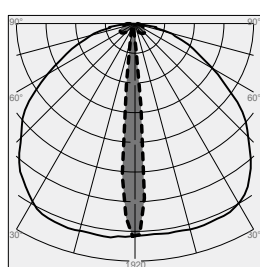
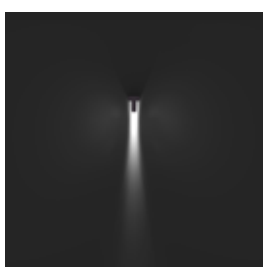
ASYMMETRIC A1



ASYMMETRIC A2



WIDE FLOOD 50°



BLADE 4°

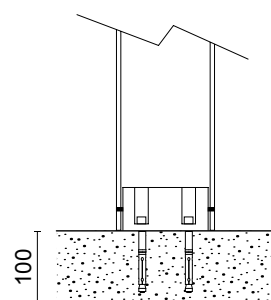
CHARACTERISTICS

- Optical/Driver section not accessible during installation.
- LED maintenance can be carried out by opening the optical compartment. LED module by Augenti
- Driver maintenance can be performed by opening the main body.
- Rear cable entry (cable supplied with Floodlight version)
- Luminaire Conforms to EN60598-1 Standard and special requirements

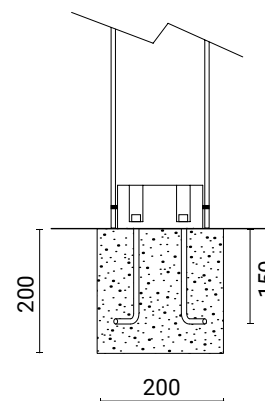
MATERIALS

- Extra Clear Tempered Glass 4mm with silk-screen printing.
- Body in Extruded Aluminium Alloy
- Caps in Die-cast Aluminium
- Heatsink integrated into fixture in Die-cast Aluminium
- Gaskets in EPDM Rubber Tmax 120°C UV resistant
- Brackets (Internal/External) in AISI430F Stainless Steel polyester powder painted
- A2 stainless steel screws Polyester powder paint finish resistant to corrosion and sea mist (ISO7523)

ASSEMBLY



With metal plugs for concrete



With metal anchor bolts (available upon request)

ORION

ORION ONE



ORION WOOD



ORION-D



ORION TL



LINKED PRODUCTS



ORION ONE URBAN
Pag. 428



ORION WOOD URBAN
Pag. 432



ORION-D URBAN
Pag. 434



ORION TL URBAN
Pag. 438



ORION ONE



APPLICATION



Column luminaire, for floor installation, with opal white diffuser for greater light uniformity. Optical compartment configurable for an emission from 1 to 4 Light points in different heights. Floor fixing bracket with A2 steel brackets (on request). Power supply with built-in driver with fixed output or Dali dimmable on request with extra charge.

SMALL POLES

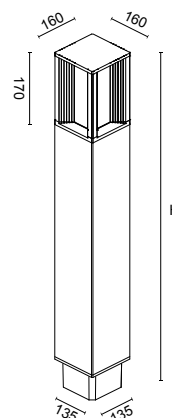
ORION ONE

SPECIFICATIONS



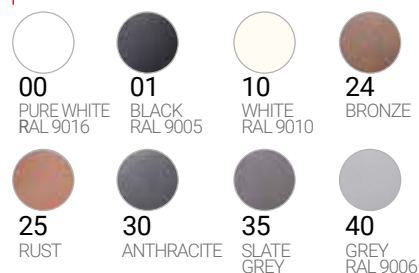
- The rated flux values refer to source LED at Ts65°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- Possibility of combining different emissions on request.
- **Ground connection system with anchoring brackets to be ordered separately**

DIMENSIONS



CODE	H	WAYS
451F0	680mm	
451F1	960mm	
452F0	680mm	
452F1	960mm	

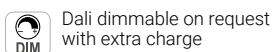
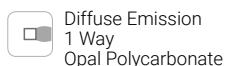
STANDARD COLOURS



LED SYSTEM WITH BUILT-IN DRIVER - 1 Way

NEW VERSION 2021

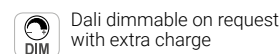
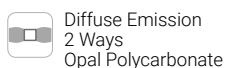
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
451F0/WR50PO	1300 lm	620 lm	3000K	>80	10W - 220-240Vac 50/60Hz	I	1 WAY
451F0/NR50PO	1360 lm	670 lm	4000K	>80	10W - 220-240Vac 50/60Hz	I	1 WAY
451F1/WR50PO	1300 lm	620 lm	3000K	>80	10W - 220-240Vac 50/60Hz	I	1 WAY
451F1/NR50PO	1360 lm	670 lm	4000K	>80	10W - 220-240Vac 50/60Hz	I	1 WAY



LED SYSTEM WITH BUILT-IN DRIVER - 2 Ways

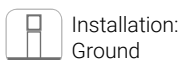
NEW VERSION 2021

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
452F0/WR50PO	1840 lm	860 lm	3000K	>80	14W - 220-240Vac 50/60Hz	I	2 WAYS
452F0/NR50PO	1920 lm	910 lm	4000K	>80	14W - 220-240Vac 50/60Hz	I	2 WAYS
452F1/WR50PO	1840 lm	860 lm	3000K	>80	14W - 220-240Vac 50/60Hz	I	2 WAYS
452F1/NR50PO	1920 lm	910 lm	4000K	>80	14W - 220-240Vac 50/60Hz	I	2 WAYS



ORION ONE

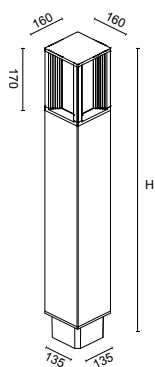
SPECIFICATIONS



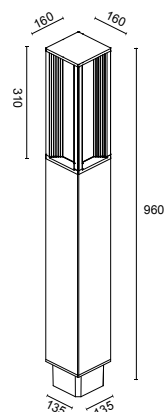
Installation:
Ground

- The rated flux values refer to source LED at Ts65°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- Possibility of combining different emissions on request.
- **Ground connection system with anchoring brackets to be ordered separately**

DIMENSIONS



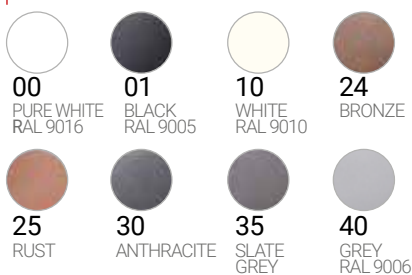
CODE	H	WAYS
454F0	680mm	
454F1	960mm	



464F1



STANDARD COLOURS



LED SYSTEM WITH BUILT-IN DRIVER - 4 Ways

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
454F0/WR50PO	1760 lm	820 lm	3000 K	80	14W 220-240Vac 50/60Hz	I	4 WAYS
454F0/NR50PO	1840 lm	860 lm	4000 K	80	14W 220-240Vac 50/60Hz	I	4 WAYS
454F1/WR50PO	1760 lm	820 lm	3000 K	80	14W 220-240Vac 50/60Hz	I	4 WAYS
454F1/NR50PO	1840 lm	860 lm	4000 K	80	14W 220-240Vac 50/60Hz	I	4 WAYS

Beam
>120°Diffuse Emission
4 ways
Opal PolycarbonateDali dimmable on request
with extra charge

LED SYSTEM WITH BUILT-IN DRIVER - 4 Ways

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
464F1/WR50PO	3480 lm	1630 lm	3000 K	80	25W 220-240Vac 50/60Hz	I	4 WAYS
464F1/NR50PO	3680 lm	1720 lm	4000 K	80	25W 220-240Vac 50/60Hz	I	4 WAYS

Beam
>120°Diffuse Emission
4 ways
Opal PolycarbonateDali dimmable on request
with extra charge

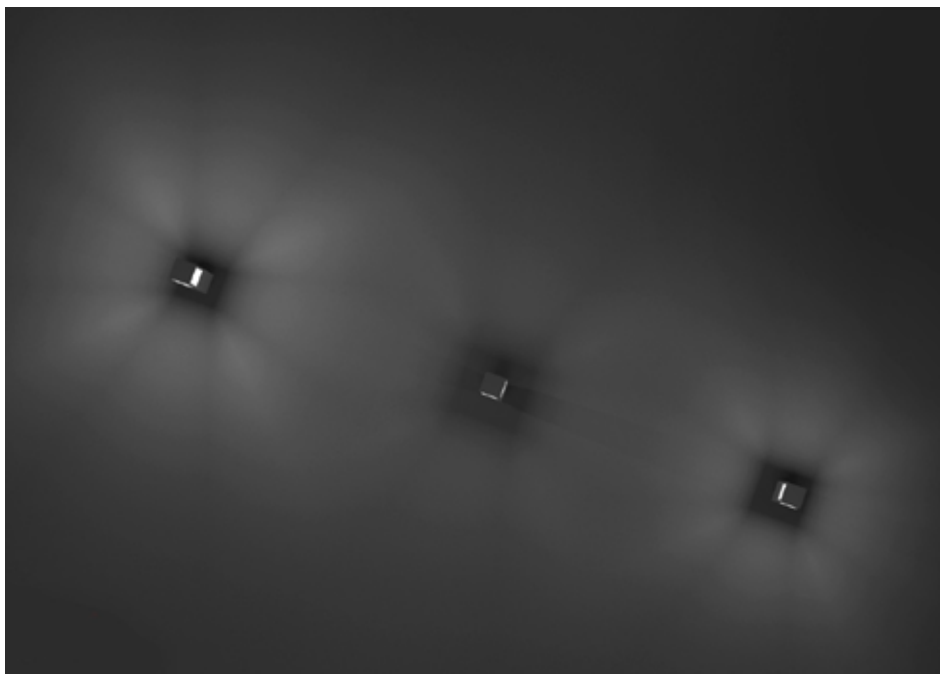
SMALL POLES

CHARACTERISTICS

- Optical / Driver section not accessible during installation.
- Driver compartment separate and accessible through door with IP68 cable gland.
- Connection to the power supply network through M16 IP68 cable gland for cables max diameter 11mm type H07RN-F 3x1.5 or similar. Connection terminal block inside the driver compartment.
- LED maintenance can be carried out by removing the optical compartment (4 screws).
- Driver maintenance in direct access independent from the optical compartment.
- Fixed or Dali dimmable output system via built-in driver.
- Luminaire Conforms to EN60598-1 Standard and special requirements

MATERIALS

- Body in die casting aluminum alloy.
- Aluminum alloy rods for extrusion.
- Pole: Aluminum alloy for extrusion.
- Base in galvanized / painted iron with anchoring brackets
- Opal diffuser in extruded Polycarbonate (PC) GWT960 ° C - transmission LT> 45%.
- Seals in EDPM closed cell rubber, UV-resist. Tx -40 / + 150 ° C.
- Passive heat sink in extrusion aluminum alloy.
- Internal and external screws in A2 Stainless Steel
- M16 IP68 brass cable gland
- Polyester powder coating, UV-stabilized with anti-corrosion treatment.



ORION WOOD



APPLICATION



Revisitation with solid wood pole of our Orion One, the waysne wood subjected to treatment and painting to protect it against external agents. The aluminum inserts guarantee excellent mechanical resistance. Column luminaire, for floor installation, with opal white diffuser for greater light uniformity. Optical compartment configurable for an emission from 1 to 4 Light points in different heights. Floor fixing bracket with A2 steel brackets. Power supply with built-in driver with fixed output or Dali dimmable on request with extra charge.

SMALL POLES

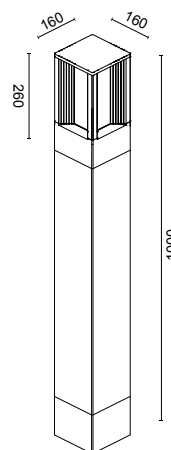
ORION WOOD

SPECIFICATIONS

Installation:
Ground

- The rated flux values refer to source LED at Ts65°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- Possibility of combining different emissions on request.
- **Ground connection system with anchoring brackets to be ordered separately**

DIMENSIONS



LED SYSTEM WITH BUILT-IN DRIVER - 4 Ways

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
444F1/WR50PO	1760 lm	820 lm	3000 K	80	14W 220-240Vac 50/60Hz	I	4 WAYS
444F1/NR50PO	1840 lm	860 lm	4000 K	80	14W 220-240Vac 50/60Hz	I	4 WAYS

Beam
>120°Diffuse Emission
4 ways
Opal PolycarbonateDali dimmable on request
with extra charge

CHARACTERISTICS

- Optical / Driver section not accessible during installation.
- Driver compartment separate and accessible through door with IP68 cable gland.
- Connection to the power supply network through M16 IP68 cable gland for cables max diameter 11mm type H07RN-F 3x1.5 or similar. Connection terminal block inside the driver compartment.
- LED maintenance can be carried out by removing the optical compartment (4 screws).
- Driver maintenance in direct access independent from the optical compartment.
- Fixed or Dali dimmable output system via built-in driver.
- Luminaire Conforms to EN60598-1 Standard and special requirements

MATERIALS

- Body in die casting aluminum alloy.
- Aluminum alloy rods for extrusion.
- Wooden pole.
- Base in galvanized / painted iron with anchoring brackets
- Opal diffuser in extruded Polycarbonate (PC) GWT960 ° C - transmission LT> 45%.
- Seals in EDPM closed cell rubber, UV-resist. Tx -40 / + 150 ° C.
- Passive heat sink in extrusion aluminum alloy.
- Internal and external screws in A2 Stainless Steel
- M16 IP68 brass cable gland
- Polyester powder coating, UV-stabilized with anti-corrosion treatment.

STANDARD COLOURS



ORION-D



APPLICATION



Column luminaire for floor installation. The light source, placed on the upper part, directs the light to the ground, creating an effective geometric "design". Its hollow structure in the center aligns perfectly with modern architectural and design styles and ensures optimal light distribution on the ground with a control of glare effects. Floor fixing bracket with A2 steel brackets. Power supply with built-in driver with fixed or dimmable Dali

SMALL POLES

ORION-D

SPECIFICATIONS

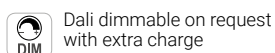
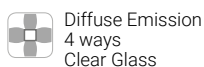


- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- Post equipped with inspection door for connection components (570F)
- **Ground connection system with anchoring brackets to be ordered separately**



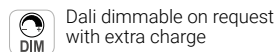
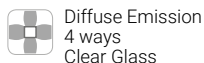
LED SYSTEM WITH BUILT-IN DRIVER - 4 Ways

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
560F1/WR35VS	1880 lm	1120 lm	3000 K	80	14W - 220-240Vac 50/60Hz	I	4 WAYS
560F1/NR35VS	2020 lm	1200 lm	4000 K	80	14W - 220-240Vac 50/60Hz	I	4 WAYS

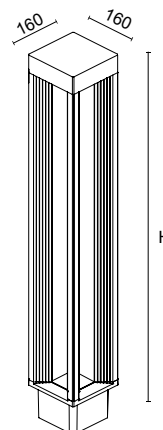


LED SYSTEM WITH BUILT-IN DRIVER - 4 Ways

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
560F2/WR35VS	1880 lm	1120 lm	3000 K	80	14W - 220-240Vac 50/60Hz	I	4 WAYS
560F2/NR35VS	2020 lm	1200 lm	4000 K	80	14W - 220-240Vac 50/60Hz	I	4 WAYS



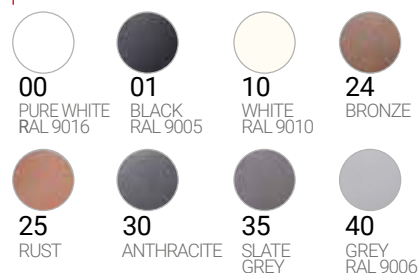
DIMENSIONS



CODE	H	WAYS
560F1	680mm	
560F2	960mm	



STANDARD COLOURS



SMALL POLES

ORION TL

ORION TL



APPLICATION



Column luminaire, for floor installation, with diffuser along the entire length for a scenographic uniformity of light. Optical compartment configurable for an emission from 1 to 4 Light points in different heights. Floor fixing bracket with A2 steel brackets (on request). Power supply with built-in driver with fixed output or Dali dimmable on request with extra charge.

SMALL POLES

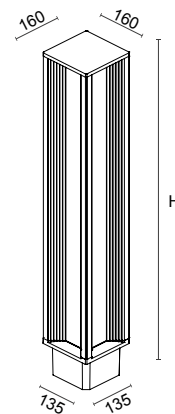
ORION TL

SPECIFICATIONS



- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- **Ground connection system with anchoring brackets to be ordered separately**

DIMENSIONS

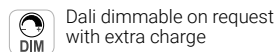
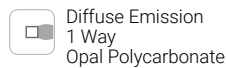


CODE	H	WAY
481F0	680mm	
481F1	960mm	
482F0	680mm	
482F1	960mm	



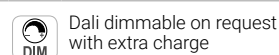
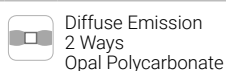
LED SYSTEM WITH BUILT-IN DRIVER - 1 Way

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
481F0/WR35PO	1250 lm	585 lm	3000 K	>80	9W - 220-240Vac 50/60Hz	I	1 WAY
481F0/NR35PO	1310 lm	612 lm	4000 K	>80	9W - 220-240Vac 50/60Hz	I	1 WAY
481F1/WR35PO	1880 lm	879 lm	3000 K	>80	13W - 220-240Vac 50/60Hz	I	1 WAY
481F1/NR35PO	1980 lm	925 lm	4000 K	>80	13W - 220-240Vac 50/60Hz	I	1 WAY



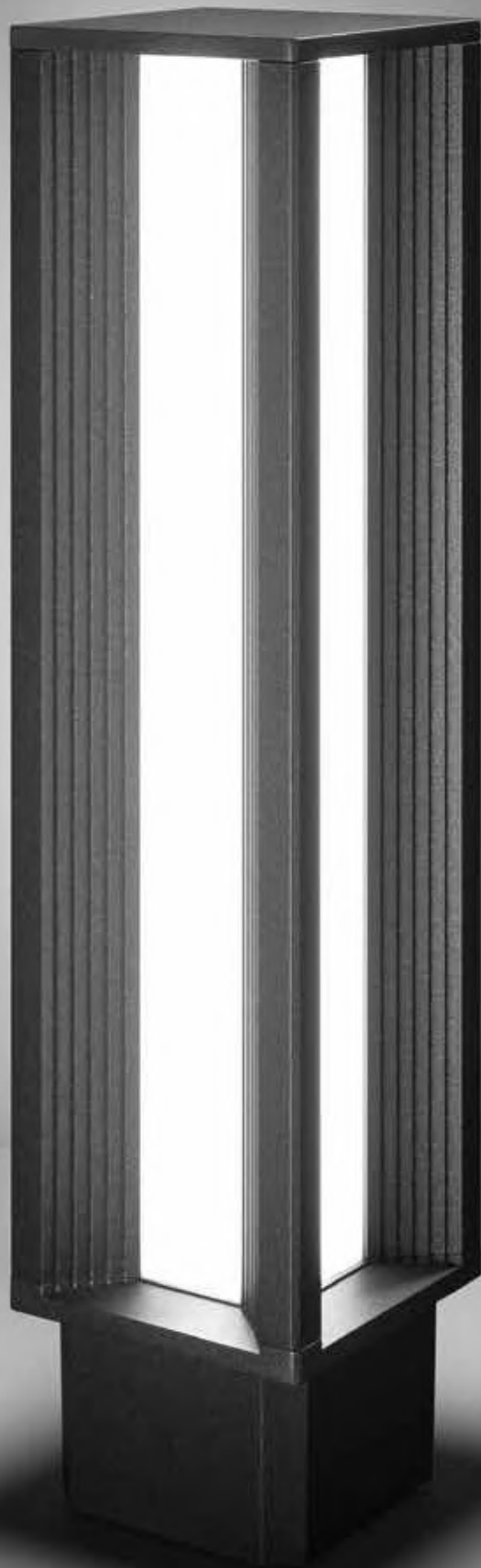
LED SYSTEM WITH BUILT-IN DRIVER - 2 Ways

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
482F0/WR35PO	2500 lm	1170 lm	3000 K	>80	18W - 220-240Vac 50/60Hz	I	2 WAYS
482F0/NR35PO	2620 lm	1224 lm	4000 K	>80	18W - 220-240Vac 50/60Hz	I	2 WAYS
482F1/WR35PO	3760 lm	1760 lm	3000 K	>80	25W - 220-240Vac 50/60Hz	I	2 WAYS
482F1/NR35PO	3960 lm	1850 lm	4000 K	>80	25W - 220-240Vac 50/60Hz	I	2 WAYS



STANDARD COLOURS





SMALL POLES

ORION TL

SPECIFICATIONS



- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- **Ground connection system with anchoring brackets to be ordered separately**

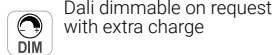
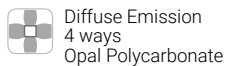


DIMENSIONS



LED SYSTEM WITH BUILT-IN DRIVER - 4 Ways

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
474F0/WR50PO	1760 lm	820 lm	3000 K	80	14W 220-240Vac 50/60Hz	I	4 WAYS
474F0/NR50PO	1840 lm	860 lm	4000 K	80	14W 220-240Vac 50/60Hz	I	4 WAYS
474F1/WR50PO	3480 lm	1630 lm	3000 K	80	25W 220-240Vac 50/60Hz	I	4 WAYS
474F1/NR50PO	3680 lm	1720 lm	4000 K	80	25W 220-240Vac 50/60Hz	I	4 WAYS
484F0/WR35PO	5000 lm	2340 lm	3000 K	80	36W 220-240Vac 50/60Hz	I	4 WAYS
484F0/NR35PO	5240 lm	2450 lm	4000 K	80	36W 220-240Vac 50/60Hz	I	4 WAYS
484F1/WR35PO	7520 lm	3515 lm	3000 K	80	50W 220-240Vac 50/60Hz	I	4 WAYS
484F1/NR35PO	7920 lm	3700 lm	4000 K	80	50W 220-240Vac 50/60Hz	I	4 WAYS



CODE	H	WAYS
474F0	260mm	
474F1	400mm	
484F0	680mm	
484F1	960mm	

STANDARD COLOURS



ORION TL

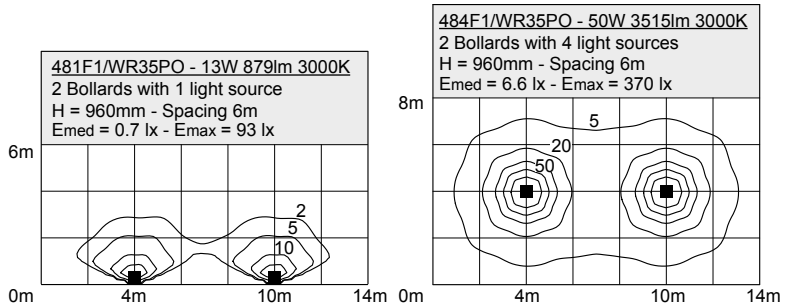
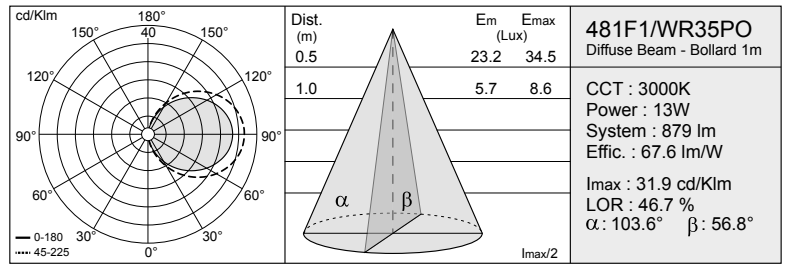
CHARACTERISTICS

- Independent optical compartment not accessible during installation.
- Driver compartment separate and accessible through door with IP68 cable gland.
- Connection to the power supply network through M16 IP68 cable gland for cables max diameter 11mm type H07RN-F 3x1.5 or similar.
- Connection terminal block inside the driver compartment.
- LED maintenance can be carried out by removing the optical compartment (4 screws).
- Driver maintenance in direct access independent from the optical compartment.
- Fixed or Dali dimmable output system via built-in driver.
- Appliance Complies with the EN60598-1 Standard and special requirements

MATERIALS

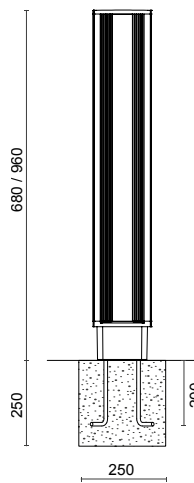
- Aluminum alloy body for die casting.
- Aluminum alloy rods for extrusion.
- Aluminum alloy pole for extrusion.
- Ground fixing bracket in AISI 430F steel with anchoring brackets (optional)
- Opal diffuser in extruded Polycarbonate (PC) GWT960 ° C - transmission LT> 45%.
- EPDM rubber gaskets with closed cells UV resist. Tx -40 / + 150 ° C
- Passive heatsink in aluminum alloy for extrusion.
- Internal and external screws in A2 stainless steel
- M16 IP68 brass cable gland
- UV ray stabilized polyester powder coating with anti-corrosion treatment

PHOTOMETRICS DATA

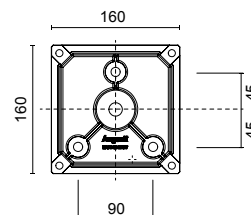
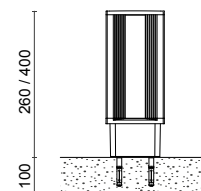


ASSEMBLY

Ground connection system with anchoring brackets to be ordered separately



Ground connection system with standard plugs



Recommended minimum anchor support measures

SMALL POLES

ORION TL



SILURETTO 325



SILURETTO 335



SILURETTO



SILURETTO



APPLICATION



Siluretto is designed specifically for residential lighting of paths, gardens, avenues, all in compliance with the regulations on light pollution, through the use of 360 ° radial optics that guarantee a mainly direct emission towards the ground. The body of the lamp is firmly connected to the pole by means of a bayonet coupling which makes it easily removable during normal maintenance operations. The equipment includes the use of LED sources with built-in driver with fixed output or Dali dimmable on request with extra charge.

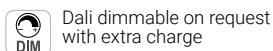
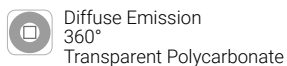
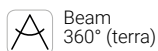
SMALL POLES

SILURETTO



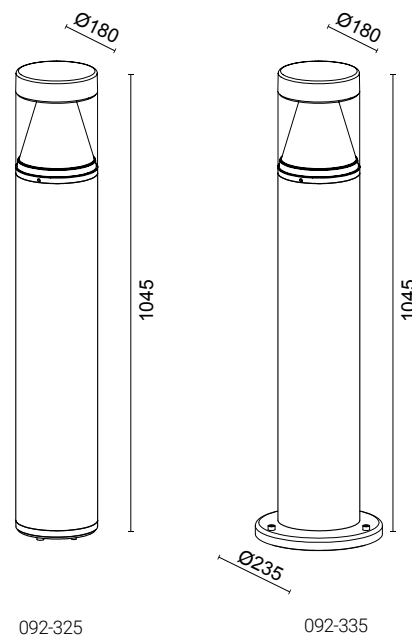
LED SYSTEM WITH BUILT-IN DRIVER

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
092-325-WR10	3840 lm	2020 lm	3000 K	80	26W - 220-240Vac 50/60Hz	I	1
092-325-NR10	4080 lm	2110 lm	4000 K	80	26W - 220-240Vac 50/60Hz	I	1



- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- **Ground connection system with anchoring brackets to be ordered separately**

DIMENSIONS



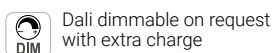
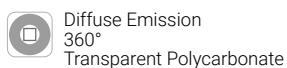
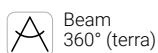
092-325

092-335



LED SYSTEM WITH BUILT-IN DRIVER

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
092-335-WR10	3840 lm	2020 lm	3000 K	80	26W - 220-240Vac 50/60Hz	I	1
092-335-NR10	4080 lm	2110 lm	4000 K	80	26W - 220-240Vac 50/60Hz	I	1



SILURETTO

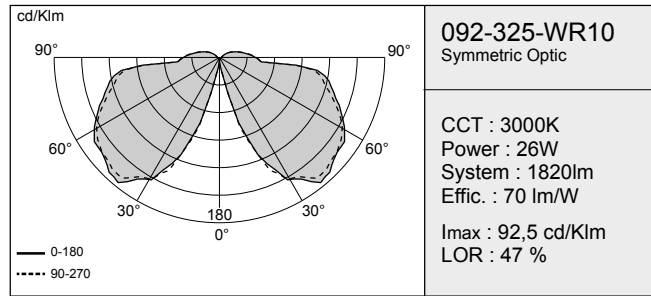
CHARACTERISTICS

- Independent optical compartment not accessible during installation.
- Driver compartment separate and accessible through door with IP68 cable gland.
- Connection to the power supply network through M16 IP68 cable gland for cables max diameter 11mm type H07RN-F 3x1.5 or similar.
- Connection terminal block inside the driver compartment.
- LED maintenance can be carried out by removing the optical compartment (4 screws).
- Driver maintenance in direct access independent from the optical compartment.
- Fixed or Dali dimmable output system via built-in driver.
- Appliance Complies with the EN60598-1 Standard and special requirements

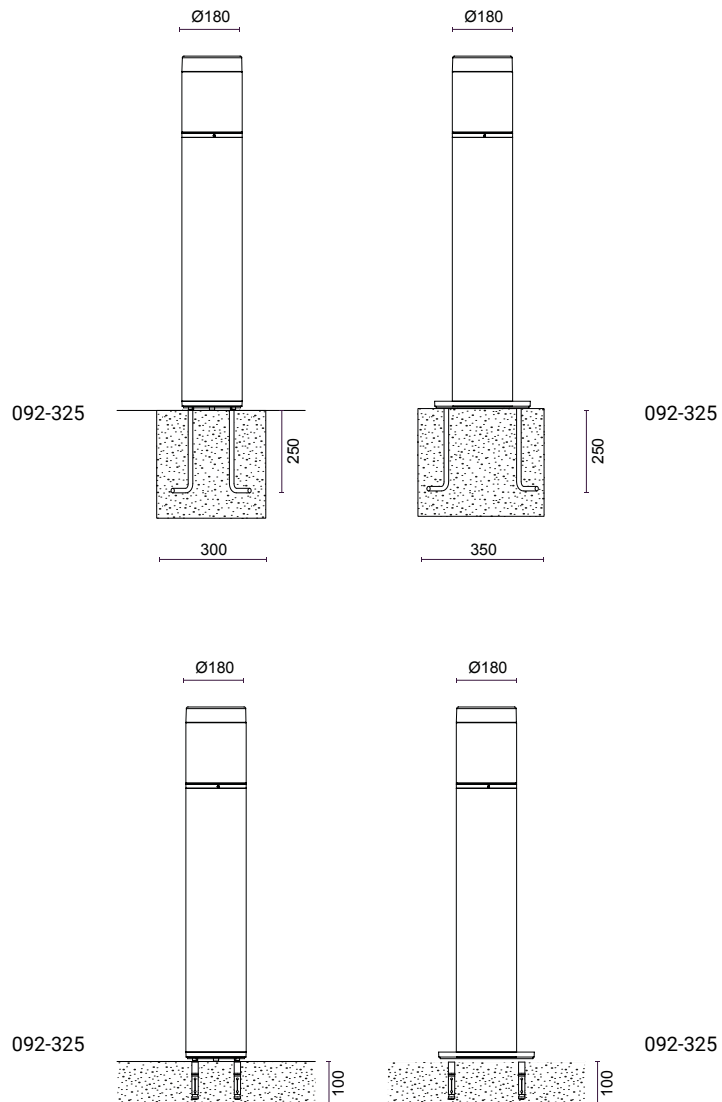
MATERIALS

- Aluminum alloy body for die casting.
- Aluminum alloy rods for extrusion.
- Aluminum alloy pole for extrusion.
- Ground fixing bracket in AISI 430F steel with anchoring brackets (optional)
- Diffuser in transparent polycarbonate
- EPDM rubber gaskets with closed cells UV resist. Tx -40 / + 150 ° C
- Passive heatsink in aluminum alloy for extrusion.
- Internal and external screws in A2 stainless steel
- M16 IP68 brass cable gland
- UV ray stabilized polyester powder coating with anti-corrosion treatment

PHOTOMETRICS DATA



ASSEMBLY





LYNX



LYNX



LYNX



LYNX





APPLICATION



Column luminaire that can be installed on the floor, suitable for residential applications where 360 ° diffused lighting is required. The optical compartment consists of a double screen, internal opal in PC for the diffusion of the luminous flux, and in sandblasted polycarbonate on the outside for mechanical protection. The power supply unit with built-in driver with fixed output or Dali dimmable on request with extra charge is housed under the head.

SMALL POLES

LYNX

SPECIFICATIONS



- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- **Ground connection system with anchoring brackets to be ordered separately**

LED SYSTEM WITH BUILT-IN DRIVER

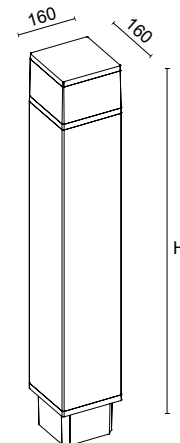
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
475F0/WR35PT	2260 lm	815 lm	3000 K	80	15W- 220-240Vac 50/60Hz	I
475F0/NR35PT	2380 lm	860 lm	4000 K	80	15W- 220-240Vac 50/60Hz	I
475F1/WR35PT	2260 lm	815 lm	3000 K	80	15W- 220-240Vac 50/60Hz	I
475F1/NR35PT	2380 lm	860 lm	4000 K	80	15W- 220-240Vac 50/60Hz	I
475F2/WR35PT	2260 lm	815 lm	3000 K	80	15W- 220-240Vac 50/60Hz	I
475F2/NR35PT	2380 lm	860 lm	4000 K	80	15W- 220-240Vac 50/60Hz	I



Diffuse Emission 360°
Double screen
Internal: Opal Polycarbonate
External: Frosted Polycarbonate

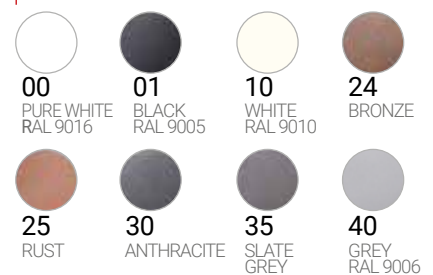
Dali dimmable on request
with extra charge

DIMENSIONS



CODE	H
475F0	400mm
475F1	600mm
475F2	1000mm

STANDARD COLOURS



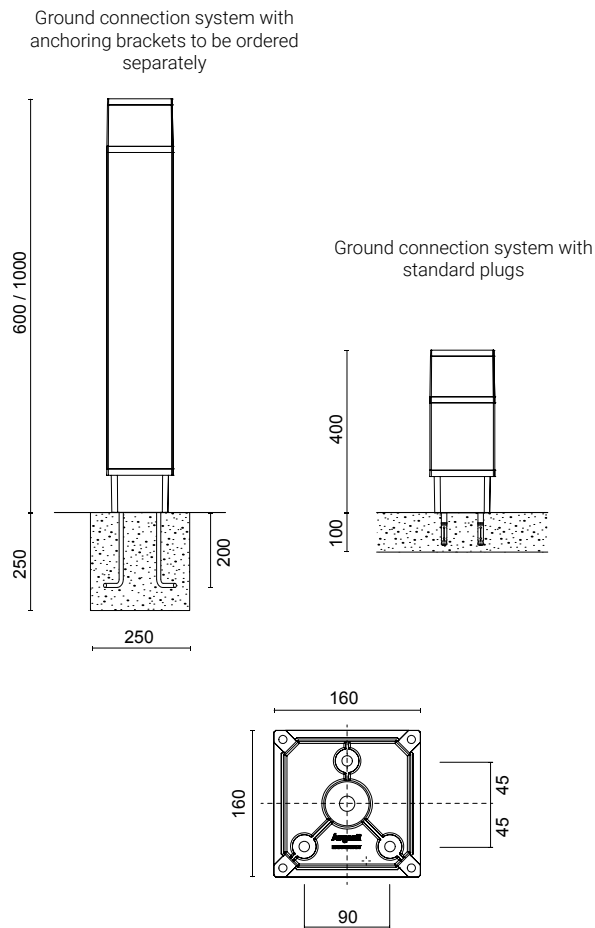
CHARACTERISTICS

- Optical/Driver section not accessible during installation.
- Driver compartment in the head, separate and accessible through a door with IP68 cable gland.
- Ground connection system with anchoring brackets and centering plate (optional)
- Connection to the power supply network through M16 IP68 cable gland for cables max diameter 11mm type H07RN-F 3x1.5 or similar. Connection terminal block inside the driver compartment.
- LED maintenance can be carried out by removing the optical compartment (4 screws).
- Driver maintenance in direct access independent from the optical compartment.
- Fixed or Dali dimmable output system via built-in driver.
- Luminaire Conforms to EN60598-1 Standard and special requirements

MATERIALS

- Fixture/Base in die-cast aluminum alloy.
- Pole: Aluminum alloy for extrusion.
- Ground fixing bracket in AISI 430F steel with anchoring brackets
- Internal opal diffuser in extruded Polycarbonate (PC) GWT850 ° C - transmission LT > 45%.
- External diffuser in sandblasted Polycarbonate (PC)
- Seals in EDPM closed cell rubber, UV-resist. Tx -40 / + 150 ° C.
- Passive heatsink in aluminum alloy for die casting.
- Internal and external screws in A2 Stainless Steel
- M16 IP68 brass cable gland
- Polyester powder coating, UV-stabilized with anti-corrosion treatment.

ASSEMBLY



SMALL POLES

LYNX





LINKED PRODUCTS



LETTERA WALL
Pag. 46



LETTERA



APPLICATION



Single emission fixture for wall installation with a very elegant semi-cylindrical shaped shape, with a wallwasher-like lighting effect aimed at making the surface texture on which it acts more evident. It is therefore a device suitable above all for the architectural enhancement of both internal and external environments, with a high degree of protection and a strong predisposition to energy saving. This is demonstrated by the use of LED sources.

SMALL POLES

LETTERA

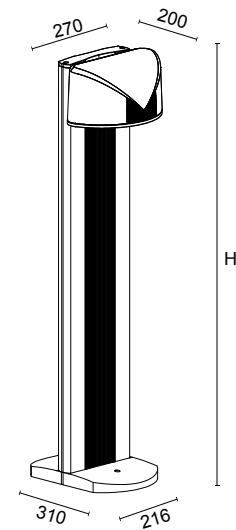
SPECIFICATIONS



- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- **Ground connection system with anchoring brackets to be ordered separately**

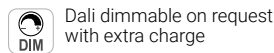
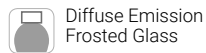


DIMENSIONS



LED SYSTEM WITH BUILT-IN DRIVER - 1 Light

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
470F0/WC4.VS	1400 lm	914 lm	3000K	>80	10W - 220-240Vac 50/60Hz	I
470F0/NC4.VS	1470 lm	961 lm	4000K	>80	10W - 220-240Vac 50/60Hz	I
470F1/WC4.VS	1400 lm	914 lm	3000K	>80	10W - 220-240Vac 50/60Hz	I
470F1/NC4.VS	1470 lm	961 lm	4000K	>80	10W - 220-240Vac 50/60Hz	I



CODE	H
470F0	540mm
470F1	1040mm

STANDARD COLOURS



LETTERA

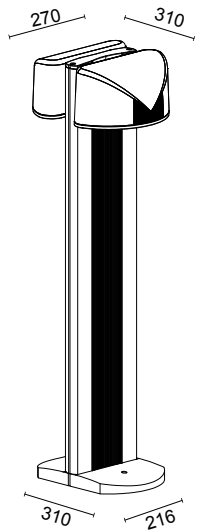
SPECIFICATIONS



- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- **Ground connection system with anchoring brackets to be ordered separately**



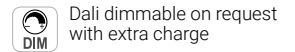
DIMENSIONS



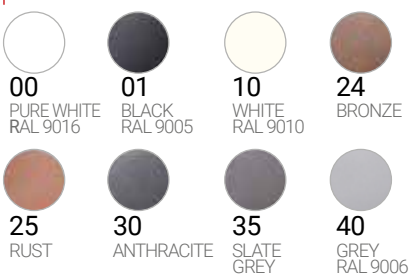
CODE	H
471F0	540mm
471F1	1040mm

LED SYSTEM WITH BUILT-IN DRIVER - 2 Lights

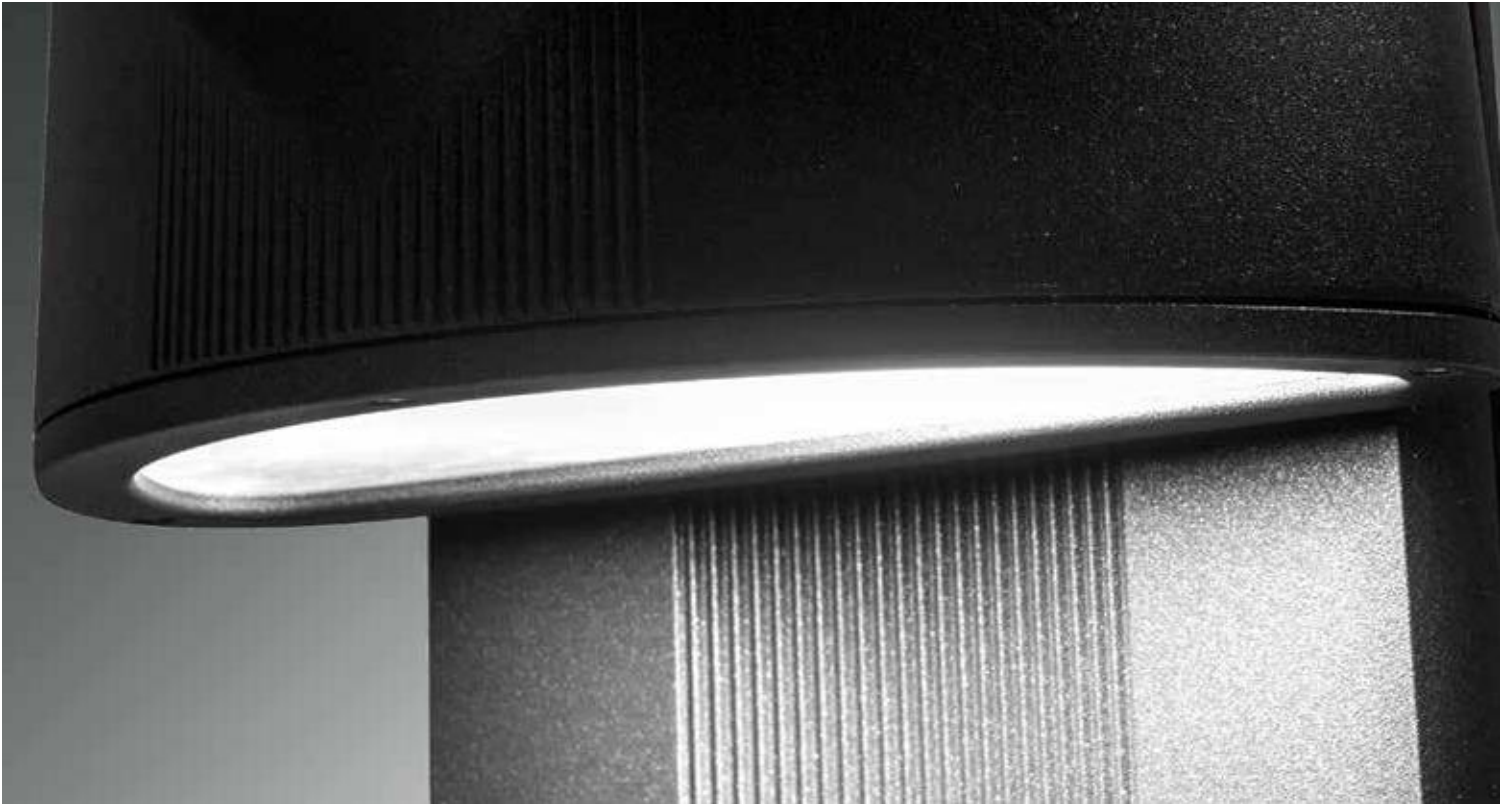
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
471F0/WC4.VS	2800 lm	1828 lm	3000K	>80	2x10W - 220-240Vac 50/60Hz	I
471F0/NC4.VS	2940 lm	1922 lm	4000K	>80	2x10W - 220-240Vac 50/60Hz	I
471F1/WC4.VS	2800 lm	1828 lm	3000K	>80	2x10W - 220-240Vac 50/60Hz	I
471F1/NC4.VS	2940 lm	1922 lm	4000K	>80	2x10W - 220-240Vac 50/60Hz	I



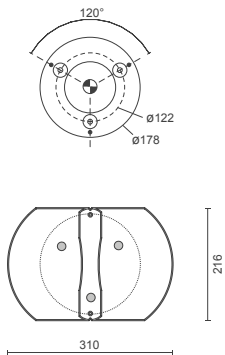
STANDARD COLOURS



LETTERA



ASSEMBLY



CHARACTERISTICS

- Optical system housing accessible during installation, with LED on wall-mounted anchor plate.
- Side power cable entry.
- Internal 3-way terminal block for non-pass-through wiring.
- Power cable allowed up to 1.5mmq tripolar with external sheath max 10mm.
- LED maintenance can be carried out by opening the optical compartment.
- Version available with mains voltage AC LED system (with integrated driver)
- Luminaire Conforms to EN60598-1 Standard and special requirements

MATERIALS

- Fixture / Base in die-cast aluminum alloy.
- Borosilicate glass with internal acid-etched finish with transmission $LT > 60\%$.
- EPDM rubber gaskets with closed cells UV resist. Tx $-40 / + 150$ ° C.
- Passive Aluminum Heatsink for Extrusion.
- Internal and external screws in A2 Stainless Steel
- IP66 Megol resin cable gland UV-Resist. GWT850 ° C
- Polyester powder coating, UV-stabilized with anti-corrosion treatment.

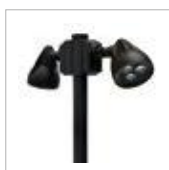


LUNOS

LINKED PRODUCTS



LUNOS FLOODLIGHTS
Pag. 212



LUNOS URBAN
Pag. 474



SMALL POLES

LUNOS



APPLICATION



Adjustable luminaire equipped with secondary optics for different light distributions, and a wide choice of ACCESSORIES useful for controlling the flow and visual comfort. Available with monochromatic LED version in fixed or Dali dimmable output.



SMALL POLES

LUNOS

SPECIFICATIONS



- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- **Ground connection system with anchoring brackets to be ordered separately**

LED SYSTEM WITH BUILT-IN DRIVER

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
960F0/WC3.XX	3190 lm	2650 lm	3000K	>80	27W - 220-240Vac 50/60Hz	I
960F0/NC3.XX	3340 lm	2780 lm	4000K	>80	27W - 220-240Vac 50/60Hz	I
960F2/WC3.XX	3190 lm	2650 lm	3000K	>80	27W - 220-240Vac 50/60Hz	I
960F2/NC3.XX	3340 lm	2780 lm	4000K	>80	27W - 220-240Vac 50/60Hz	I

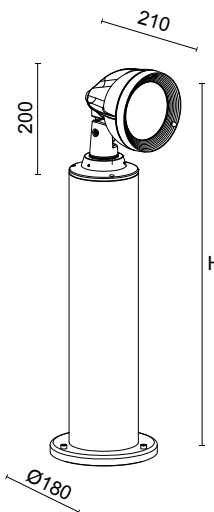
Beam
XX=NB (Spot 14°)
XX=MB (Flood 24°)
XX=WB (Wide Flood 45°)

Adjustable direct emission
Silk-Screen Clear Glass

Dali dimmable on request
with extra charge



DIMENSIONS



SISTEMA ARRAY LED CON DRIVER INCORPORATO

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
960F0/WP4.XX	2130 lm	1527 lm	3000K	>80	18W - 220-240Vac 50/60Hz	I
960F0/NP4.XX	2270 lm	1632 lm	4000K	>80	18W - 220-240Vac 50/60Hz	I
960F2/WP4.XX	2130 lm	1527 lm	3000K	>80	18W - 220-240Vac 50/60Hz	I
960F2/NP4.XX	2270 lm	1632 lm	4000K	>80	18W - 220-240Vac 50/60Hz	I

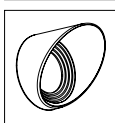
Beam
XX=NB (Spot 20°)
XX=MB (Flood 32°)
XX=WB (Wide Flood 50°)

Adjustable direct emission
Silk-Screen Clear Glass

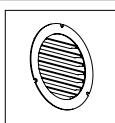
Dali dimmable on request
with extra charge

CODE	H
960F0	450mm
960F2	1000mm

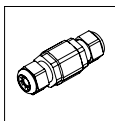
ACCESSORIES



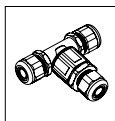
AC9600
Anti-glare visor in AISI430F steel,
polyester powder coated
Screws included



AF9600
Grid in AISI430F steel painted with
polyester powder
Screws included



MOR683P/2V
IP68 2ways/3poles connector.
Maximum section 3x2.5mm



MOR683P/3V
IP68 3ways/3poles branch
connector. Maximum section
3x2.5mm

STANDARD COLOURS



LUNOS

SPECIFICATIONS



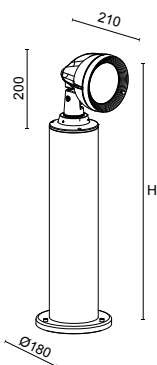
- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- **Ground connection system with anchoring brackets to be ordered separately**

RGBW DEVICE

The data in the table refer to the configuration with all channels on (100%)

- The total power of the system depends on the number and type of devices envisaged. Depending on the project, it may be necessary to use "n" single power supply devices.
- **The remote driver must be ordered separately**
- **Remote DMX controller/Accessories are to be ordered separately**
- **Connecting cables with plugs must be ordered separately and configured according to the project**

DIMENSIONS



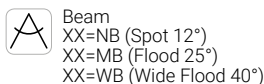
CODE	H
960F0	450mm
960F2	1000mm

STANDARD COLOURS



RGBW LED SYSTEM WITH 24Vdc REMOTE DRIVER

COD.	Source Flux	Fixture Flux	CCT-CRI	Power	CL	
960F0/RGB.XX	1768 lm	1516 lm	RGBW	18W 24Vdc 4ch RGBW	III	--
960F2/RGB.XX	1768 lm	1516 lm	RGBW	18W 24Vdc 4ch RGBW	III	--

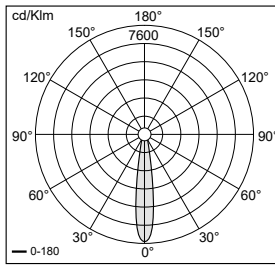


RGBW ACCESSORIES

	AC9600 Anti-glare visor in AISI430F steel, polyester powder coated Screws included		AF9600 Grid in AISI430F steel painted with polyester powder Screws included
	MOR686P/2V IP68 2ways/3poles connector. Maximum section 6x2.5mm		MOR686P/3V IP68 3ways/3poles branch connector. Maximum section 6x2.5mm
	E.CEN.001 Remote controller Dali/DMX BUS Remote 4ch 12/24Vdc on DIN rail		Remote Driver 24V E.TRA.570 120W 24Vdc IP20 E.TRA.569 240W 24Vdc IP20 E.TRA.568 480W 24Vdc IP20
	E.CNT.001 Remote control touch keyboard 4ch RGBW 100-240V		

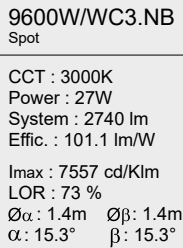
LUNOS

PHOTOMETRICS DATA



Dist. (m)	Em (Lux)	E _{max} (Lux)
1.0	5654	7557
2.0	1413	1889
3.0	628	840
4.0	353	472
5.0	226	302

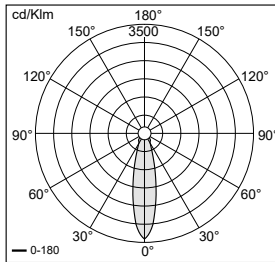
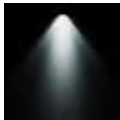
Imax/2



9600W/WC3.NB
Spot

CCT : 3000K
Power : 27W
System : 2740 lm
Effic. : 101.1 lm/W

Imax : 7557 cd/Klm
LOR : 73 %
Øα : 1.4m Øβ : 1.4m
α : 15.3° β : 15.3°



Dist. (m)	Em (Lux)	E _{max} (Lux)
1.0	2346	3442
2.0	586	860
3.0	261	382
4.0	147	215
5.0	94	138

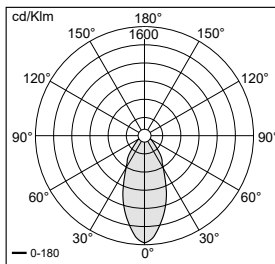
Imax/2



9600W/WC3.MB
Flood

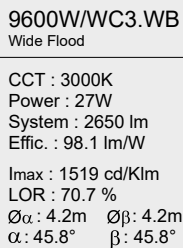
CCT : 3000K
Power : 27W
System : 2660 lm
Effic. : 98.2 lm/W

Imax : 3442 cd/Klm
LOR : 70.9 %
Øα : 2.2m Øβ : 2.2m
α : 24.3° β : 24.3°



Dist. (m)	Em (Lux)	E _{max} (Lux)
1.0	957	1519
2.0	239	380
3.0	106	169
4.0	60	95
5.0	38	61

Imax/2

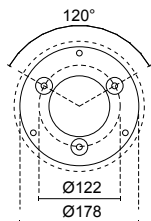
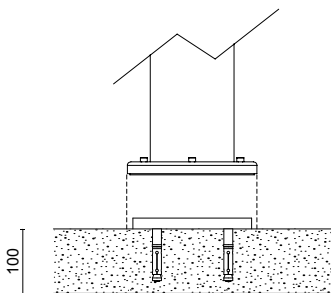


9600W/WC3.WB
Wide Flood

CCT : 3000K
Power : 27W
System : 2650 lm
Effic. : 98.1 lm/W

Imax : 1519 cd/Klm
LOR : 70.7 %
Øα : 4.2m Øβ : 4.2m
α : 45.8° β : 45.8°

ASSEMBLY



Ground connection system with anchoring brackets to be ordered separately
The orientation is independent of the layout of the ground attachment holes

CHARACTERISTICS

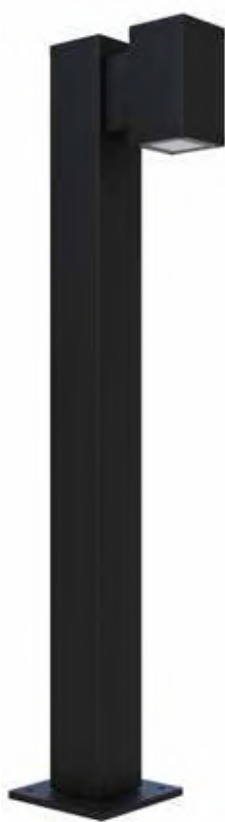
- Adjustable luminaire on two vertical/horizontal planes with screw tightening and graduated ring nut.
- Optical/Driver section not accessible during installation.
- LED maintenance can be carried out by removing the optical compartment (3 screws).
- Driver maintenance from the special compartment separate from the optical unit.
- Fixed or Dali dimmable system for monochromatics LEDs.
- RGBW system for multichip LEDs with remote driver.
- Luminaire Conforms to EN60598-1 Standard and special requirements

MATERIALS

- Body: Die-cast aluminum alloy.
- Ring: Die-cast aluminum alloy.
- Pole: in extruded aluminum alloy
- Extra Clear Tempered Glass 4mm with silk-screen printing. - TransmissionLT>90%.
- Seals in EDPM closed cell rubber, UV- resist. Tx -40/+150°C.
- Integrated passive heat sink made of aluminium alloy
- Internal and external screws in A2 Stainless Steel
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

UP&DOWN

UP&DOWN-Q



LINKED PRODUCTS



UP&DOWN WALL
Pag. 76



UP&DOWN CEILING
Pag. 160



UP&DOWN URBAN
Pag. 468



UP&DOWN-Q



APPLICATION



Strengthened by its resistance, UP & DOWN is a product characterized by a high quality of construction materials that guarantees its use outdoors. Available in rectangular shape, it guarantees maximum adaptability and versatility. UP & DOWN features a unique downward orientation of the light. There is also the possibility to choose the UP & DOWN product in different color variations in order to better adapt to your setting needs. UP & DOWN is a perfect combination of innovative, captivating design and technical efficiency.

UP&DOWN-Q


SPECIFICATIONS




- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- **Ground connection system with anchoring brackets to be ordered separately**

LED SYSTEM WITH BUILT-IN DRIVER

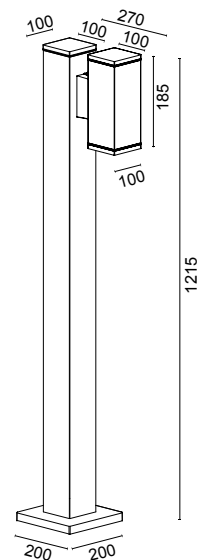
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
981F1/WC0.XX	1785 lm	1335 lm	3000 K	80	14W - 220-240Vac 50/60Hz	I
981F1/NC0.XX	1868 lm	1397 lm	4000 K	80	14W - 220-240Vac 50/60Hz	I

 Beam XX :
 XX=NB (Flood 18°)
 XX=MB (Flood 29°)
 XX=WB (Wide Flood 38°)

 Single Emission
 Clear Glass

 Dali dimmable on request
 with extra charge

DIMENSIONS



CHARACTERISTICS

- Wall system with base equipped with power supply terminal separated from the optical compartment.
- Independent Optic/driver housing not accessible during installation
- LED/Driver maintenance by opening the optical compartment (4 screws).
- Fixed or Dali dimmable system for monochromatic LEDs.
- Luminaire Conforms to EN60598-1 Standard and special requirements

MATERIALS

- Ferrules in aluminum alloy for die casting.
- Body in aluminum alloy for extrusion.
- Float glass extra clear th=6mm - LTF transmission > 90%.
- Seals in EDPM closed cell rubber, UV- resist. Tx -40/+150°C.
- Passive heatsink in aluminum alloy for extrusion.
- Internal and external screws in A2 Stainless Steel
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

STANDARD COLOURS



SQUARE

SQUARE



SQUARE



SQUARE



SQUARE



LINKED PRODUCTS



SQUARE WALL RECESSED
Pag. 244



SQUARE



SETTORI DI IMPIEGO



Ground bollard featuring high quality construction features. Square is a solid and resistant product designed and created to ensure lighting solutions for the outdoor environment, especially in residential areas characterized by green areas and gardens. Mechanically constructed in such a way that the light is directed in a specific way, Square presents itself as a versatile and complete product that can therefore be adapted at will.

SMALL POLES

SQUARE

SPECIFICATIONS

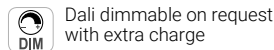


- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- **Ground connection system with anchoring brackets to be ordered separately**

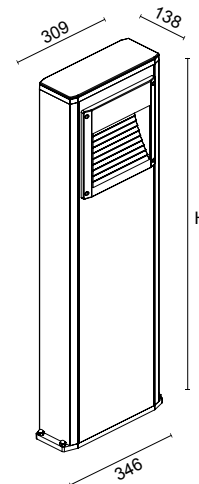


LED SYSTEM WITH BUILT-IN DRIVER

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
290F0/WR3.PR	1920 lm	510 lm	3000 K	80	15W - 220-240Vac 50/60Hz	I
290F0/NR3.PR	2020 lm	535 lm	4000 K	80	15W - 220-240Vac 50/60Hz	I
290F1/WR3.PR	1920 lm	510 lm	3000 K	80	15W - 220-240Vac 50/60Hz	I
290F1/NR3.PR	2020 lm	535 lm	4000 K	80	15W - 220-240Vac 50/60Hz	I



DIMENSIONS



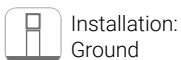
CODE	H
290F0	500mm
290F1	1000mm

STANDARD COLOURS



SQUARE

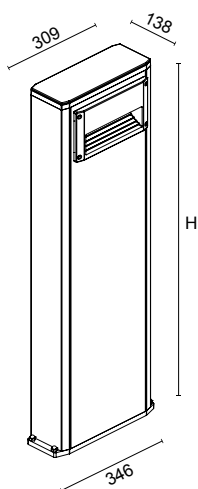
SPECIFICATIONS



- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- **Ground connection system with anchoring brackets to be ordered separately**



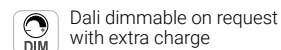
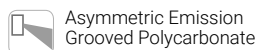
DIMENSIONS



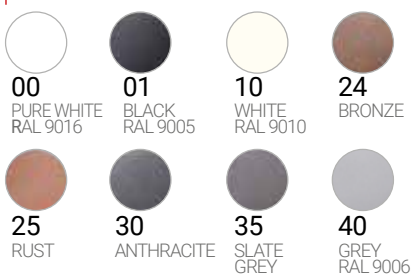
CODE	H
295F0	500mm
295F1	1000mm

LED SYSTEM WITH BUILT-IN DRIVER

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
295F0/WR3.PR	1920 lm	510 lm	3000 K	80	15W - 220-240Vac 50/60Hz	I
295F0/NR3.PR	2020 lm	535 lm	4000 K	80	15W - 220-240Vac 50/60Hz	I
295F1/WR3.PR	1920 lm	510 lm	3000 K	80	15W - 220-240Vac 50/60Hz	I
295F1/NR3.PR	2020 lm	535 lm	4000 K	80	15W - 220-240Vac 50/60Hz	I



STANDARD COLOURS



SQUARE

CHARACTERISTICS

- Post recessed luminaire with asymmetrical light
- Optical system housing accessible during installation.
- Power cable entry with internal 3-way terminal block for non-pass-through wiring.
- Power cable allowed up to 1.5mm² three-pole with external sheath max. 11mm.
- LED maintenance can be carried out by removing the screws of the optical compartment.
- Luminaire Conforms to EN60598-1 Standard and special requirements

MATERIALS

- Fixture/Base in die-cast aluminum alloy.
- Pole: Aluminum alloy for extrusion.
- Diffuser in Polycarbonate (PC) Prismatic transparent UV stab.GWT850
- Molded gaskets in UV resist. Tx -40/+180°C.
- Integrated passive heatsink in Alloy Aluminum sheet.
- Internal and external screws in A2 Stainless Steel
- IP65 Megol resin cable gland UV-Resist. GWT850°C
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.



SUN

SUN





SUN



APPLICATION



Low luminance column luminaire, installable on the floor, suitable for residential applications where grazing lighting on paths or walkways is required. Uses a mains voltage LED system with built-in power supply. The acid-etched glass diffuser guarantees perfect diffusion of the light beam and a total absence of glare phenomena.



SMALL POLES

SUN

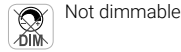
SPECIFICATIONS



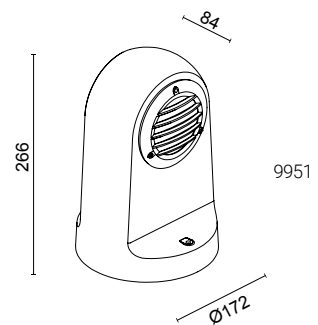
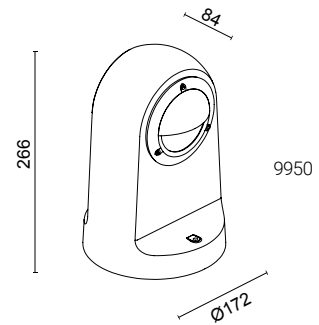
- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- **Ground connection system with anchoring brackets to be ordered separately**

LED DIRECT AC SYSTEM

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
9950F/WRACVS	475 lm	90 lm	3000 K	80	8W - 220-240Vac 50/60Hz	I
9950F/NRACVS	500 lm	95 lm	4000 K	80	8W - 220-240Vac 50/60Hz	I

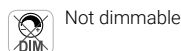


DIMENSIONS

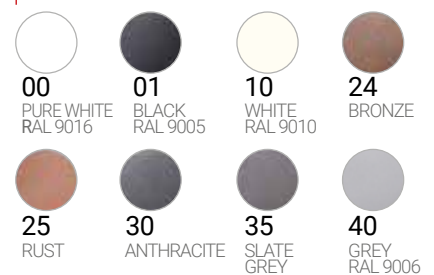


LED DIRECT AC SYSTEM

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
9951F/WRACVS	475 lm	108 lm	3000 K	80	8W - 220-240Vac 50/60Hz	I
9951F/NRACVS	500 lm	115 lm	4000 K	80	8W - 220-240Vac 50/60Hz	I



STANDARD COLOURS



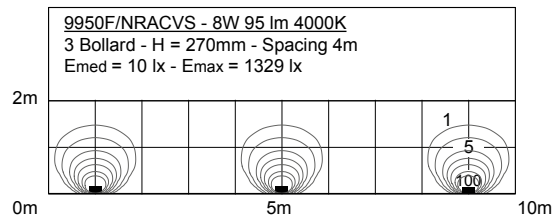
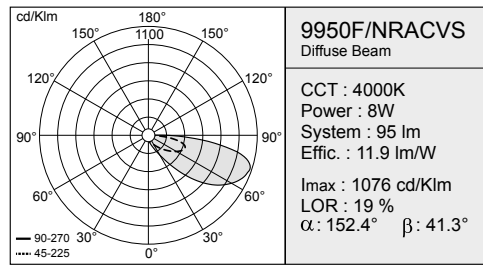
CHARACTERISTICS

- Optical system housing accessible during installation.
- Ground connection system with anchor plate and plugs.
- Connection to the power supply network through M16 IP68 cable gland for cables max diameter 11mm type H07RN-F 3x1.5 or similar. Connection terminal block inside the driver compartment.
- LED maintenance can be carried out by removing the optical compartment (2 screws).
- Fixed output system with 230Vac SMD LEDs with direct power supply. No dimming.
- Luminaire Conforms to EN60598-1 Standard and special requirements

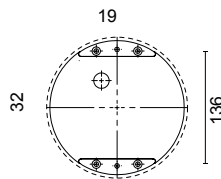
MATERIALS

- Body in die casting aluminium alloy.
- Diffuser in extra-clear acid-etched Float glass th=6mm - LT transmission > 60%.
- Seals in EDPM closed cell rubber, UV- resist. Tx -40/+150°C.
- Passive heat sink in extrusion aluminium alloy.
- Internal and external screws in A2 Stainless Steel
- M16 IP68 brass cable gland
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

PHOTOMETRICS DATA



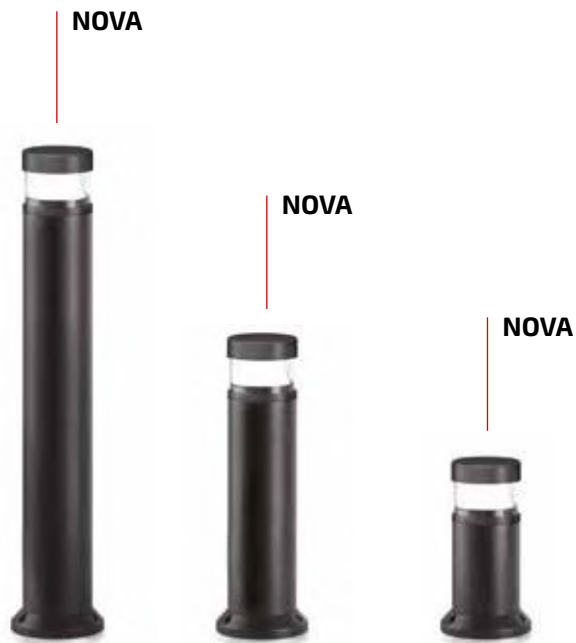
ASSEMBLY



SMALL POLES

SUN





NOVA







APPLICATION



Nova is specially designed for residential lighting of paths, gardens, avenues, all in compliance with the Regulations on Light Pollution through the use of refracting or radial optics at 360 ° which guarantee a predominantly direct emission towards the ground.

The structure is equipped with a high-strength technopolymer flange that allows installation in complete safety even on substrates that are extremely subject to the presence of water. In addition, the addition of metal anchors makes the anchoring stable even in substrates that are not completely stable.

The three available heights guarantee a high flexibility of application according to the needs. The lamp body firmly connected to the pole by means of a bayonet coupling makes it easily removable during normal maintenance operations.

SMALL POLES

NOVA

SPECIFICATIONS



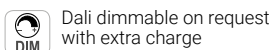
- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- **Ground connection system with anchoring brackets to be ordered separately**



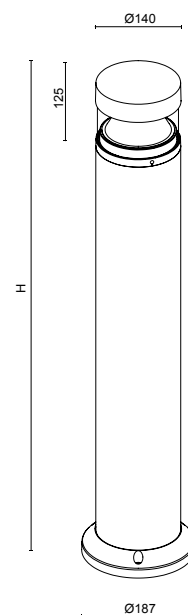
LED SYSTEM WITH BUILT-IN DRIVER

REVIEW

COD.	Source Flux	Flusso Apparecchio	CCT	CRII	Power	CL
400F0/WR9.PT	2450 lm	1150 lm	3000 K	80	14W- 220-240Vac 50/60Hz	II
400F0/NR9.PT	2600 lm	1250 lm	4000 K	80	14W- 220-240Vac 50/60Hz	II
400F1/WR9.PT	2450 lm	1150 lm	3000 K	80	14W- 220-240Vac 50/60Hz	II
400F1/NR9.PT	2600 lm	1250 lm	4000 K	80	14W- 220-240Vac 50/60Hz	II
400F2/WR9.PT	2450 lm	1150 lm	3000 K	80	14W- 220-240Vac 50/60Hz	II
400F2/NR9.PT	2600 lm	1250 lm	4000 K	80	14W- 220-240Vac 50/60Hz	II



DIMENSIONS



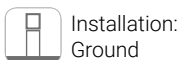
CODE	H
400F0	350mm
400F1	600mm
400F2	1000mm

STANDARD COLOURS



NOVA

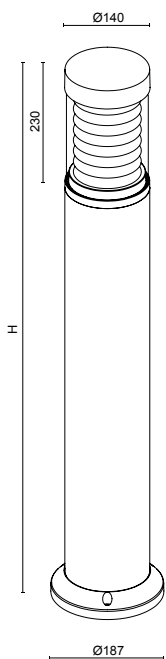
SPECIFICATIONS



- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- **Ground connection system with anchoring brackets to be ordered separately**



DIMENSIONS



CODE	H
410F0	460mm
410F1	660mm
410F2	1060mm

LED SYSTEM WITH BUILT-IN DRIVER

COD.	Source Flux	Flusso Apparecchio	CCT	CRII	Power	CL
410F0/WR8.XX	3070 lm	1150 lm	3000 K	80	25W- 220-240Vac 50/60Hz	II
410F0/NR8.XX	3340 lm	1200 lm	4000 K	80	25W- 220-240Vac 50/60Hz	II
410F1/WR8.XX	3070 lm	1150 lm	3000 K	80	25W- 220-240Vac 50/60Hz	II
410F1/NR8.XX	3340 lm	1200 lm	4000 K	80	25W- 220-240Vac 50/60Hz	II
410F2/WR8.XX	3070 lm	1150 lm	3000 K	80	25W- 220-240Vac 50/60Hz	II
410F2/NR8.XX	3340 lm	1200 lm	4000 K	80	25W- 220-240Vac 50/60Hz	II



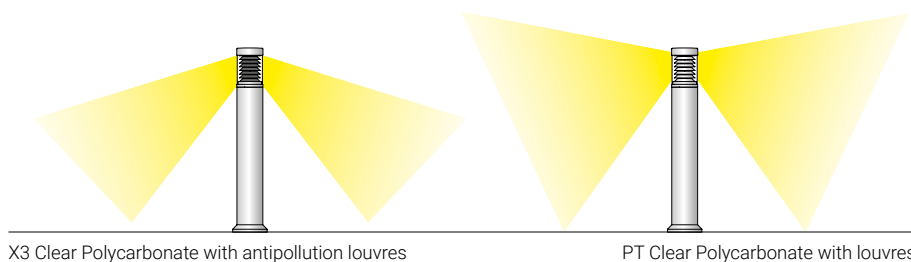
Beam >360°

Diffuse Emission 360°
 XX=PT Transparent Polycarbonate with louvres
 XX=X3 Transparent Polycarbonate with antipollution louvres

Dali dimmable on request with extra charge

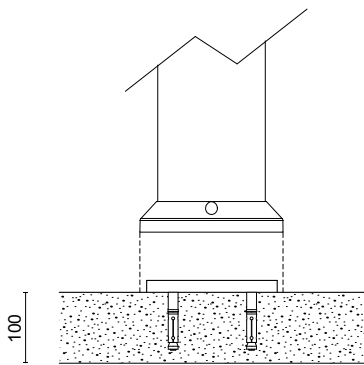
LIGHT DIFFUSION

STANDARD COLOURS

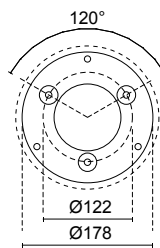


NOVA

ASSEMBLY



Ground connection system with anchoring brackets to be ordered separately
The orientation is independent of the layout of the ground attachment holes



CHARACTERISTICS

- Pole luminaire for asymmetrical light with downward flux > 85%
- Optical compartment not accessible during installation.
- Power cable entry with internal 3-way terminal block for non-pass-through wiring.
- Power cable allowed up to 1.5mm² three-pole with external sheath max. 11mm.
- LED system with built-in driver 220-240V/50-60Hz
- LED maintenance can be carried out by removing the rods of the optical compartment with removal of the screen
- Driver maintenance can be carried out by removing the pole head section.
- Luminaire Conforms to EN60598-1 Standard and special requirements

MATERIALS

- Fixture/Base in die-cast aluminum alloy.
- Pole: Aluminum alloy for extrusion.
- Diffuser in transparent polycarbonate (PC) UV Stab. GWT960
- ABS chromed louvre GWT750 UV Stab.
- Reflector: Aluminum alloy molded gaskets in UV resist. Tx -40/+180°C.
- Integrated passive heatsink in Aluminum extrusion.
- Internal and external screws in A2 Stainless Steel
- IP68 cable gland in PS for retaining the power supply cable.
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.



MAXIMA



MAXIMA



MAXIMA



MAXIMA



MAXIMA

MAXIMA ONE



LINKED PRODUCTS



MAXIMA ONE URBAN
Pag. 458



MAXIMA



APPLICATION



Maxima comes in two configurations: the first, suitable for residential installation, has a 370 mm lighting body and offers 4 different heights starting from 570 mm and reaching a maximum of 1600 mm. The second, also suitable for semi-urban and urban installation, has a 610 mm lighting body and heights that cover from 1200 mm to 3000 mm. Consisting of chromed louvre reflectors, in addition to guaranteeing a diffuse emission and limiting glare, it actively participates in designing the luminaire in its shape. It is also available with shielded louvres suitable for compliance with the Regulations on Light Pollution. The structure is equipped with a flange made with metal clamps necessary to guarantee its stability. The lamp body, firmly connected to the pole by means of a bayonet coupling, makes it easily removable during normal maintenance operations. Dali dimmable on request with extra charge.

SMALL POLES

MAXIMA

SPECIFICATIONS

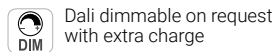
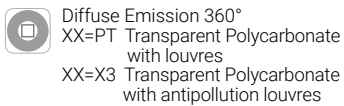


- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- **Ground connection system with anchoring brackets to be ordered separately**

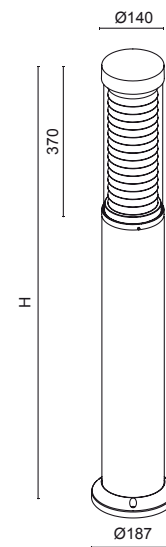


LED SYSTEM WITH BUILT-IN DRIVER

COD.	Source Flux	Flusso Apparecchio	CCT	CRII	Power	CL
385F0/WR8.XX	2880 lm	1042 lm	3000 K	80	22W- 220-240Vac 50/60Hz	I
385F0/NR8.XX	3040 lm	1100 lm	4000 K	80	22W- 220-240Vac 50/60Hz	I
385F1/WR8.XX	2880 lm	1042 lm	3000 K	80	22W- 220-240Vac 50/60Hz	I
385F1/NR8.XX	3040 lm	1100 lm	4000 K	80	22W- 220-240Vac 50/60Hz	I
385F2/WR8.XX	2880 lm	1042 lm	3000 K	80	22W- 220-240Vac 50/60Hz	I
385F2/NR8.XX	3040 lm	1100 lm	4000 K	80	22W- 220-240Vac 50/60Hz	I
385F3/WR8.XX	2880 lm	1042 lm	3000 K	80	22W- 220-240Vac 50/60Hz	I
385F3/NR8.XX	3040 lm	1100 lm	4000 K	80	22W- 220-240Vac 50/60Hz	I

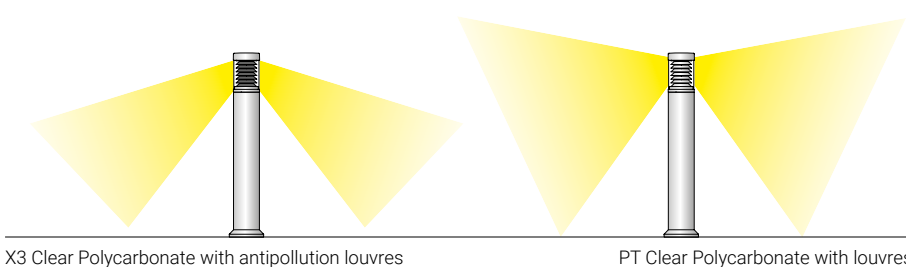


DIMENSIONS



CODE	H
385F0	570mm
385F1	750mm
385F2	1000mm
385F3	1600mm

LIGHT DIFFUSION



STANDARD COLOURS



MAXIMA ONE

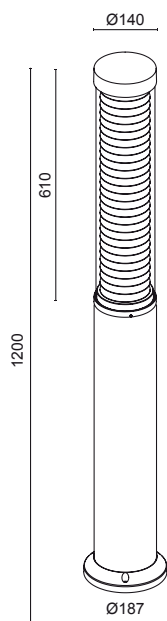
SPECIFICATIONS



- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- **Ground connection system with anchoring brackets to be ordered separately**



DIMENSIONS



LED SYSTEM WITH BUILT-IN DRIVER

COD.	Source Flux	Flusso Apparecchio	CCT	CRII	Power	CL
375F0/WR8.XX	5720 lm	2070 lm	3000 K	80	44W- 220-240Vac 50/60Hz	I
375F0/NR8.XX	6040 lm	2185 lm	4000 K	80	44W- 220-240Vac 50/60Hz	I



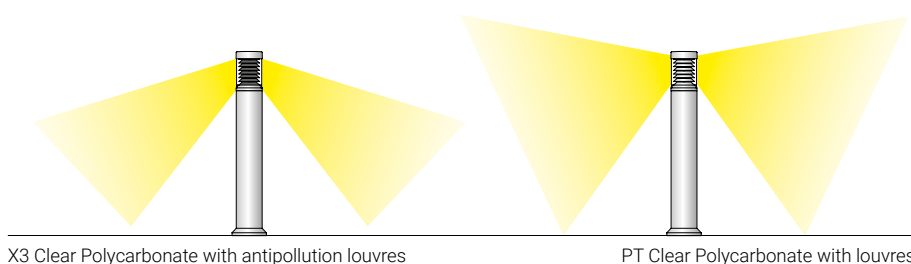
Beam >100°

Diffuse Emission 360°
XX=PT Transparent Polycarbonate with louvres
XX=X3 Transparent Polycarbonate with antipollution louvres

Dali dimmable on request with extra charge

LIGHT DIFFUSION

STANDARD COLOURS



MAXIMA

CHARACTERISTICS

- Pole luminaire for asymmetrical light with downward flux > 85%
- Optical compartment not accessible during installation.
- Power cable entry with internal 3-way terminal block for non-pass-through wiring.
- Power cable allowed up to 1.5mm² three-pole with external sheath max. 11mm.
- LED system with built-in driver 220-240V/50-60Hz
- LED maintenance can be carried out by removing the rods of the optical compartment with removal of the screen
- Driver maintenance can be carried out by removing the pole head section.
- Luminaire Conforms to EN60598-1 Standard and special requirements

MATERIALS

- Fixture/Base in die-cast aluminum alloy.
- Pole: Aluminum alloy for extrusion.
- Diffuser in transparent polycarbonate (PC) UV Stab. GWT960
- ABS chromed louvre GWT750 UV Stab.
- Molded gaskets in UV resist. Tx -40/+180°C.
- Integrated passive heatsink in Aluminum extrusion.
- Internal and external screws in A2 Stainless Steel
- IP68 cable gland in PS for retaining the power supply cable.
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.



MINUS



MINUS



MINUS



MINUS



MINUS



MINUS



MINUS

LINKED PRODUCTS



MINUS WALL
Pag. 126



SMALL POLES

MINUS



APPLICATION



Minus is specially designed for the residential lighting of paths, gardens, patios, all in compliance with the Regulations on Light Pollution, through the use of refracting optics. The lamp body is firmly connected to the base by means of a bayonet coupling which makes it easily removable during normal maintenance operations.

SMALL POLES

MINUS

SPECIFICATIONS

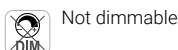


- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- **Ground connection system with anchoring brackets to be ordered separately**

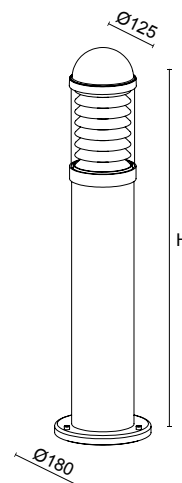


LED DIRECT AC SYSTEM

COD.	Source Flux	Flusso Apparecchio	CCT	CRII	Power	CL
255F0/WR2.PR	1900 lm	1230 lm	3000 K	80	22W- 220-240Vac 50/60Hz	I
255F0/NR2.PR	2000 lm	1300 lm	4000 K	80	22W- 220-240Vac 50/60Hz	I
255F1/WR2.PR	1900 lm	1230 lm	3000 K	80	22W- 220-240Vac 50/60Hz	I
255F1/NR2.PR	2000 lm	1300 lm	4000 K	80	22W- 220-240Vac 50/60Hz	I
255F2/WR2.PR	1900 lm	1230 lm	3000 K	80	22W- 220-240Vac 50/60Hz	I
255F2/NR2.PR	2000 lm	1300 lm	4000 K	80	22W- 220-240Vac 50/60Hz	I



DIMENSIONS

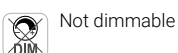
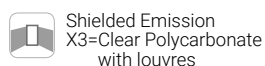


CODE	H
255F0	650mm
255F1	870mm
255F2	1000mm
265F0	650mm
265F1	870mm
265F2	1000mm

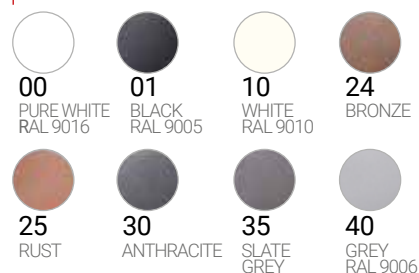


LED DIRECT AC SYSTEM

COD.	Source Flux	Flusso Apparecchio	CCT	CRII	Power	CL
265F0/WR2.X3	1900 lm	690 lm	3000 K	80	22W- 220-240Vac 50/60Hz	I
265F0/NR2.X3	2000 lm	720 lm	4000 K	80	22W- 220-240Vac 50/60Hz	I
265F1/WR2.X3	1900 lm	690 lm	3000 K	80	22W- 220-240Vac 50/60Hz	I
265F1/NR2.X3	2000 lm	720 lm	4000 K	80	22W- 220-240Vac 50/60Hz	I
265F2/WR2.X3	1900 lm	690 lm	3000 K	80	22W- 220-240Vac 50/60Hz	I
265F2/NR2.X3	2000 lm	720 lm	4000 K	80	22W- 220-240Vac 50/60Hz	I

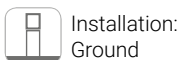


STANDARD COLOURS



MINUS

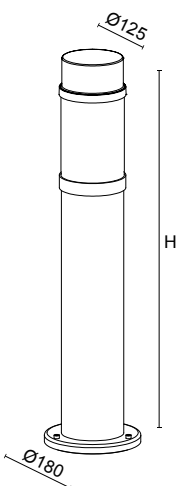
SPECIFICATIONS



- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- **Ground connection system with anchoring brackets to be ordered separately**

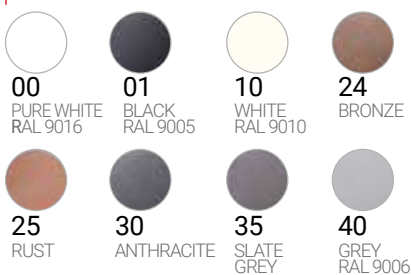


DIMENSIONS



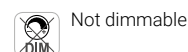
CODE	H
255F0	650mm
255F1	870mm
255F2	1000mm
265F0	650mm
265F1	870mm
265F2	1000mm

STANDARD COLOURS



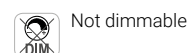
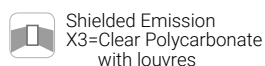
LED DIRECT AC SYSTEM

COD.	Source Flux	Flusso Apparecchio	CCT	CRII	Power	CL
355F0/WR2.PR	1900 lm	1230 lm	3000 K	80	22W- 220-240Vac 50/60Hz	I
355F0/NR2.PR	2000 lm	1300 lm	4000 K	80	22W- 220-240Vac 50/60Hz	I
355F1/WR2.PR	1900 lm	1230 lm	3000 K	80	22W- 220-240Vac 50/60Hz	I
355F1/NR2.PR	2000 lm	1300 lm	4000 K	80	22W- 220-240Vac 50/60Hz	I
355F2/WR2.PR	1900 lm	1230 lm	3000 K	80	22W- 220-240Vac 50/60Hz	I
355F2/NR2.PR	2000 lm	1300 lm	4000 K	80	22W- 220-240Vac 50/60Hz	I



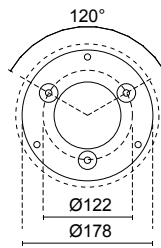
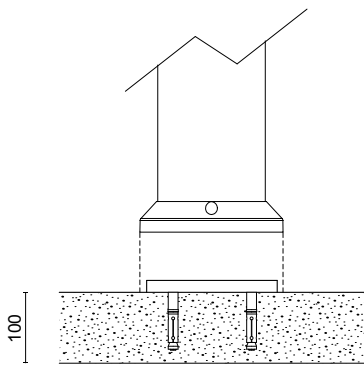
LED DIRECT AC SYSTEM

COD.	Source Flux	Flusso Apparecchio	CCT	CRII	Power	CL
365F0/WR2.X3	1900 lm	690 lm	3000 K	80	22W- 220-240Vac 50/60Hz	I
365F0/NR2.X3	2000 lm	720 lm	4000 K	80	22W- 220-240Vac 50/60Hz	I
365F1/WR2.X3	1900 lm	690 lm	3000 K	80	22W- 220-240Vac 50/60Hz	I
365F1/NR2.X3	2000 lm	720 lm	4000 K	80	22W- 220-240Vac 50/60Hz	I
365F2/WR2.X3	1900 lm	690 lm	3000 K	80	22W- 220-240Vac 50/60Hz	I
365F2/NR2.X3	2000 lm	720 lm	4000 K	80	22W- 220-240Vac 50/60Hz	I



MINUS

ASSEMBLY



Ground connection system with anchoring brackets to be ordered separately
The orientation is independent of the layout of the ground attachment holes

CHARACTERISTICS

- Optical/Driver section not accessible during installation.
- Ground connection system with plastic anchoring plate
- Connection to the power supply network through cable gland for cables with a maximum diameter of 11mm type H07RN-F 3x1.5 or similar.
- LED maintenance by opening the optical compartment.
- Fixed output system with SMD LEDs with direct 230Vac power supply.
- Luminaire Conforms to EN60598-1 Standard and special requirements

MATERIALS

- Body in die casting aluminium alloy.
- Ground fixing plate in Polypropylene (PP) GWT750 UV Resist.
- Transparent/Striped diffuser in extruded polycarbonate (PC) GWT960°C LTF>65/90%.
- Light baffle in Chrome-plated ABS GWT750 UV resist.
- Seals in EDPM closed cell rubber, UV- resist. Tx -40/+150°C.
- Passive heat sink in extrusion aluminium alloy.
- Internal and external screws in A2 Stainless Steel
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.



LIGHTHOUSE





LIGHTHOUSE



APPLICATION



Column luminaires with roto-symmetrical optics characterized by a linear and sober design, conceived in various heights and shapes.

Available in three variants: With 30 ° asymmetrical reflector - With 360 ° reflector

Lighthouse Double with double light emission and double switch for energy saving. The double light emission allows you to create sets and light effects in pedestrian areas.

Bollards ideal for lighting outdoor environments, especially urban areas, gardens, driveways and then residential areas.



SMALL POLES

LIGHTHOUSE

SPECIFICATIONS



Installation:
Ground

- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- **Ground connection system with anchoring brackets to be ordered separately**

LED SYSTEM WITH BUILT-IN DRIVER

COD.	Source Flux	Flusso Apparecchio	CCT	CR II	Power	CL
327-...LD3	3070 lm	1105 lm	3000 K	80	25W- 220-240Vac 50/60Hz	I
327-...LD4	3340 lm	1200 lm	4000 K	80	25W- 220-240Vac 50/60Hz	I
328-...LD3	3070 lm	1105 lm	3000 K	80	25W- 220-240Vac 50/60Hz	I
328-...LD4	3340 lm	1200 lm	4000 K	80	25W- 220-240Vac 50/60Hz	I
329-...LD3	3070 lm	1105 lm	3000 K	80	25W- 220-240Vac 50/60Hz	I
329-...LD4	3340 lm	1200 lm	4000 K	80	25W- 220-240Vac 50/60Hz	I



Beam >100°

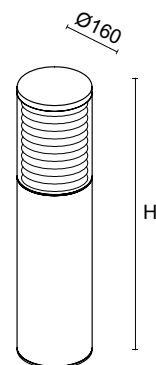


Diffuse Emission 360°
Transparent Polycarbonate
with louvres



Dali dimmable on request
with extra charge

DIMENSIONS



CODE	H
327	430mm
328	650mm
329	1000mm

FIXING SYSTEMS



CHARACTERISTICS

- Pole luminaire for asymmetrical light with downward flux > 85%
- Optical compartment not accessible during installation.
- Power cable entry with internal 3-way terminal block for non-pass-through wiring.
- Power cable allowed up to 1.5mm² three-pole with external sheath max. 11mm.
- SMD/High Intensity LED system with built-in driver 220-240V/50-60Hz
- LED maintenance can be carried out by removing the rods of the optical compartment with removal of the screen
- Driver maintenance can be carried out by removing the pole head section.
- Luminaire Conforms to EN60598-1 Standard and special requirements

MATERIALS

- Fixture/Base in die-cast aluminum alloy.
- Pole: Aluminum alloy for extrusion.
- Diffuser in transparent Polycarbonate (PC) GWT960 / Opal GWT850 UV Stab.
- Louvre/Reflector in alloy aluminum plate
- UV resistant silicone rubber OR gaskets Tx -40/+180°C.
- Integrated passive heatsink in Aluminum extrusion.
- Internal and external screws in A2 Stainless Steel
- IP68 cable gland in PS for retaining the power supply cable.
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

STANDARD COLOURS





URBAN LIGHTINGS

MOON



APPLICATION



Modern and versatile street lighting luminaire, with high photometric performance, a wide range of powers, its reliability makes it the safe and ideal choice for lighting the main highways, urban areas and residential streets, intersections, car parks, squares and large areas. Die-cast aluminum frame and body with safety brackets for the opening elements, necessary during maintenance operations. The driver section is mounted on an easily removable metal plate. The Ø60 pole attachment is equipped with an adjustable 0° ÷ 110° protractor with graduated scale.

MOON

SPECIFICATIONS



Codes SP07H/SP10H/SG15H/SG20H

Installation:
Head for Pole

- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- Luminaire supplied with 3x1.5mm² cable 300mm long
- Supplied with adapter for Ø60 rod with adjustment
- **IP68 connector available on request**



LED SYSTEM WITH BUILT-IN DRIVER

UPDATED EFFICIENCY

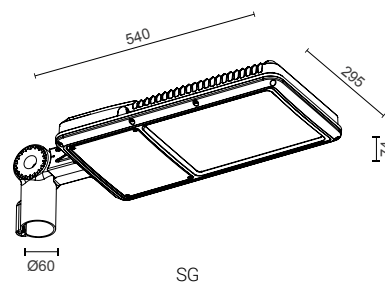
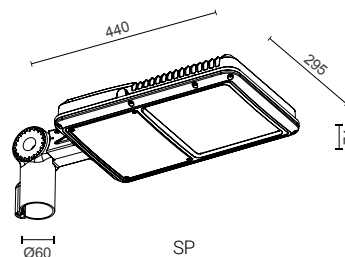
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
SP04H/WP90XX	7160 lm	5730 lm	3000K	>80	45W - 220-240Vac 50/60Hz	I	16
SP04H/NP90XX	7540 lm	6030 lm	4000K	>80	45W - 220-240Vac 50/60Hz	I	16
SP07H/WP10XX	12540 lm	9880 lm	3000K	>80	75W - 220-240Vac 50/60Hz	I	24
SP07H/NP10XX	13200 lm	10400 lm	4000K	>80	75W - 220-240Vac 50/60Hz	I	24
SP10H/WP90XX	16150 lm	12900 lm	3000K	>80	100W - 220-240Vac 50/60Hz	I	36
SP10H/NP90XX	17000 lm	13600 lm	4000K	>80	100W - 220-240Vac 50/60Hz	I	36

Beam
XX = ST Road
XX = PP Cycle-Pedestrian
XX = CP Parking / Large Areas

Asymmetric Emission
Silk-Screen Clear Glass

Dali dimmable on request
with extra charge

DIMENSIONS



LED SYSTEM WITH BUILT-IN DRIVER

UPDATED EFFICIENCY

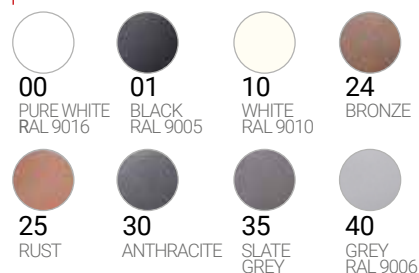
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
SG15H/WP50XX	24130 lm	19200 lm	3000K	>80	150W - 220-240Vac 50/60Hz	I	48
SG15H/NP50XX	25400 lm	20200 lm	4000K	>80	150W - 220-240Vac 50/60Hz	I	48
SG20H/WP55XX	31800 lm	25730 lm	3000K	>80	205W - 220-240Vac 50/60Hz	I	64
SG20H/NP55XX	33500 lm	27080 lm	4000K	>80	205W - 220-240Vac 50/60Hz	I	64

Beam
XX = ST Road
XX = PP Cycle-Pedestrian
XX = CP Parking / Large Areas

Asymmetric Emission
Silk-Screen Clear Glass

Dali dimmable on request
with extra charge

STANDARD COLOURS



MOON

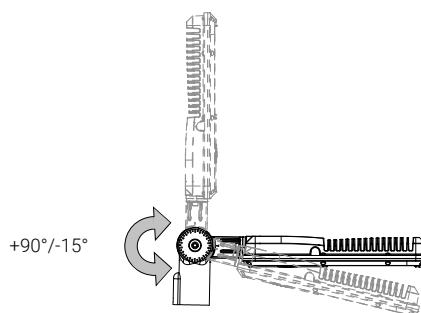
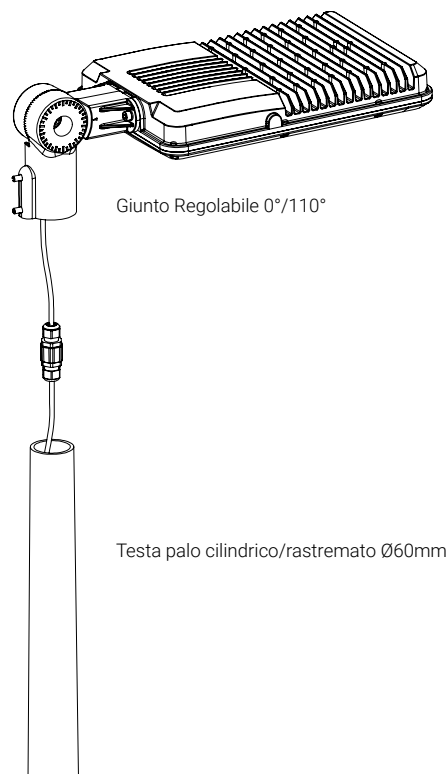
CHARACTERISTICS

- Luminaire with butt joint adjustable on the vertical plane with graduated locking ring nut
- Independent optical unit not accessible during installation
- LED maintenance / replacement possible through the opening of the optical compartment
- Driver maintenance / replacement by opening the independent compartment with removable support plate
- Fixed output or Dali dimmable LED system on request with extra charge
- Supplied with 3x1.5mm² external cable and IP68 connector
- Supplied only in post-top configuration
- Appliance compliant with Standard EN 60598-1 and particular prescriptions

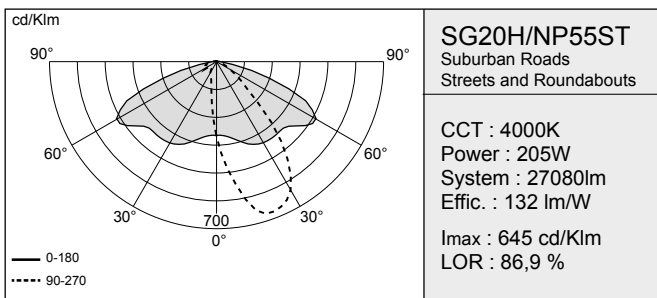
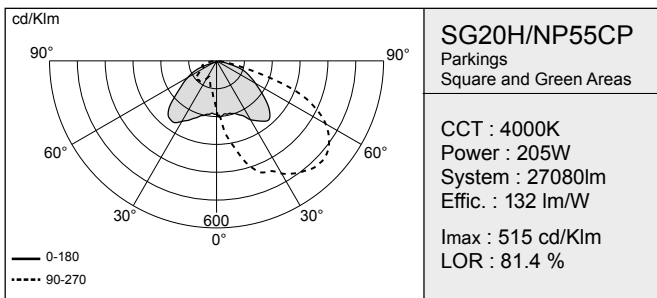
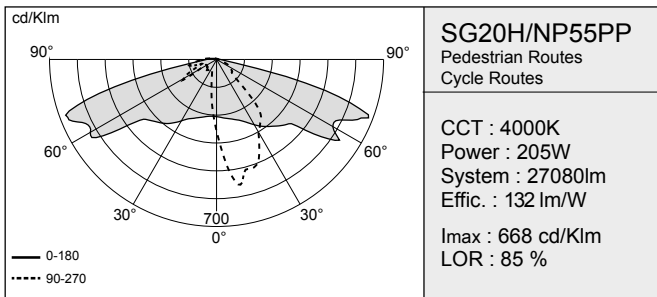
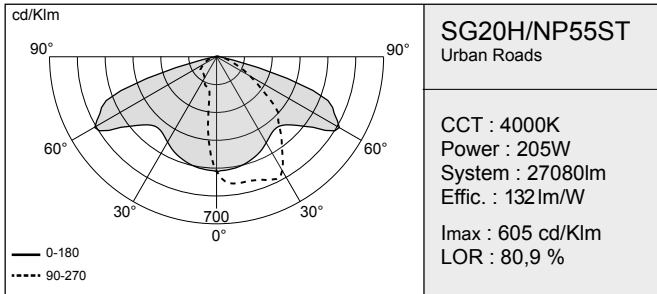
MATERIALS

- Body in die-cast aluminum alloy.
- Alloy die-cast aluminum ring.
- Extra clear silk-screened glass th = 4mm with LT transmission > 90%.
- EPDM gaskets with closed cells, UV-resist. Tx-40 / + 150 ° C
- Integrated passive heatsink in die-cast aluminum alloy.
- Internal and external screws in A2 steel
- UV stabilized polyester powder finish with anti-corrosion treatment

ASSEMBLY



PHOTOMETRICS DATA



ORION ONE



ORION WOOD



ORION D



ORION TL



ORION

LINKED PRODUCTS



ORION ONE SMALL POLE
Pag. 344



ORION WOOD SMALL POLE
Pag. 348



ORION-D SMALL POLE
Pag. 350



ORION TL SMALL POLE
Pag. 352



ORION ONE



APPLICATION

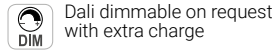
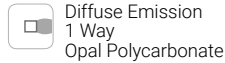


Column luminaire, for floor installation, with opal white diffuser for greater light uniformity. Optical compartment configurable for an emission from 1 to 4 Light points in different heights. Floor fixing bracket with A2 steel brackets (on request). Power supply with built-in driver with fixed output or Dali dimmable on request with extra charge.

ORION ONE

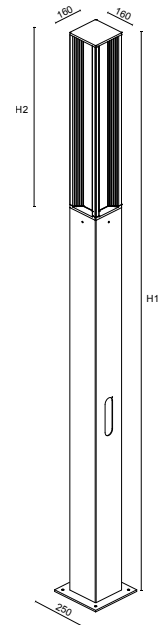
LED SYSTEM WITH BUILT-IN DRIVER - 1 Way

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
491F0/WR50PO	1720 lm	805 lm	3000 K	80	13W 220-240Vac 50/60Hz	I	1 WAY
491F0/NR50PO	1800 lm	842 lm	4000 K	80	13W 220-240Vac 50/60Hz	I	1 WAY
491F4/WR50PO	2590 lm	1210 lm	3000 K	80	19W 220-240Vac 50/60Hz	I	1 WAY
491F4/NR50PO	2720 lm	1270 lm	4000 K	80	19W 220-240Vac 50/60Hz	I	1 WAY



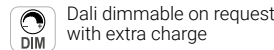
- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- Pole equipped with inspection door for connection components
- **Ground connection system with anchoring brackets to be ordered separately**

DIMENSIONS



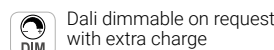
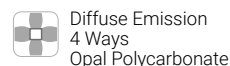
LED SYSTEM WITH BUILT-IN DRIVER - 2 Ways

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
492F0/WR50PO	3440 lm	1605 lm	3000 K	>80	25W 220-240Vac 50/60Hz	I	2 WAYS
492F0/NR50PO	3600 lm	1680 lm	4000 K	>80	25W 220-240Vac 50/60Hz	I	2 WAYS
492F4/WR50PO	5180 lm	2420 lm	3000 K	>80	38W 220-240Vac 50/60Hz	I	2 WAYS
492F4/NR50PO	5440 lm	2542 lm	4000 K	>80	38W 220-240Vac 50/60Hz	I	2 WAYS



LED SYSTEM WITH BUILT-IN DRIVER - 4 Ways

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
494F0/WR35PO	5000 lm	2340 lm	3000 K	80	36W 220-240Vac 50/60Hz	I	4 WAYS
494F0/NR35PO	5240 lm	2450 lm	4000 K	80	36W 220-240Vac 50/60Hz	I	4 WAYS
494F4/WR35PO	7520 lm	3515 lm	3000 K	80	50W 220-240Vac 50/60Hz	I	4 WAYS
494F4/NR35PO	7920 lm	3700 lm	4000 K	80	50W 220-240Vac 50/60Hz	I	4 WAYS



STANDARD COLOURS



CODE	H	H2	WAYS
491F0	2000mm	590mm	
491F4	4000mm	870mm	
492F0	2000mm	590mm	
492F4	4000mm	870mm	
494F0	2000mm	590mm	
494F4	4000mm	870mm	

ORION ONE

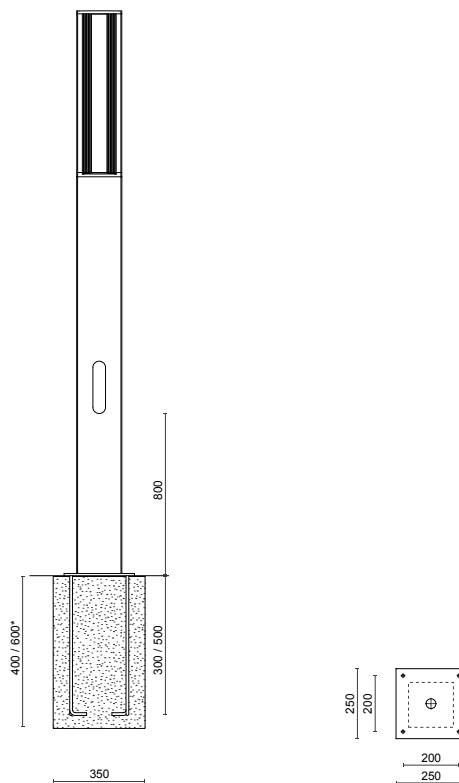
CHARACTERISTICS

- Optical / Driver section not accessible during installation.
- Driver compartment separate and accessible through door with IP68 cable gland.
- Ground connection system with base and anchoring brackets
- Connection to the power supply network through M16 IP68 cable gland for cables max diameter 11mm type H07RN-F 3x1.5 or similar. Connection terminal block inside the driver compartment.
- LED maintenance can be carried out by removing the optical compartment (4 screws).
- Driver maintenance in direct access independent from the optical compartment.
- Fixed or Dali dimmable output system via built-in driver.
- Luminaire Conforms to EN60598-1 Standard and special requirements

MATERIALS

- Body in die casting aluminum alloy.
- Aluminum alloy rods for extrusion.
- Aluminum alloy pole for extrusion.
- Base in galvanized / painted iron with anchoring brackets
- Opal diffuser in extruded Polycarbonate (PC) GWT960 ° C - transmission LT> 45%.
- Seals in EDPM closed cell rubber, UV-resist. Tx -40 / + 150 ° C.
- Passive heat sink in extrusion aluminum alloy.
- Internal and external screws in A2 Stainless Steel
- M16 IP68 brass cable gland
- Polyester powder coating, UV-stabilized with anti-corrosion treatment.

ASSEMBLY



Ground connection system with anchoring brackets to be ordered separately

Recommended minimum anchor support measures



ORION WOOD



APPLICATION



Revisitation with solid wood pole of our Orion One, the Waysne wood subjected to treatment and painting to protect it against external agents. The aluminum inserts guarantee excellent mechanical resistance. Column luminaire, for floor installation, with opal white diffuser for greater light uniformity. Optical compartment configurable for an emission from 1 to 4 Light points in different heights. Floor fixing bracket with A2 steel brackets. Power supply with built-in driver with fixed output or Dali dimmable on request with extra charge.

URBAN LIGHTINGS

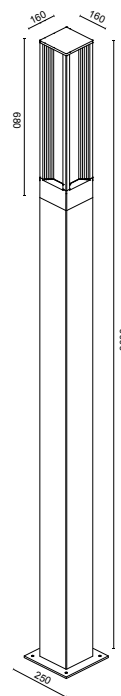
ORION WOOD

SPECIFICATIONS



- The rated flux values refer to source LED at Ts65°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- Possibility of combining different emissions on request.
- **Ground connection system with anchoring brackets to be ordered separately**

DIMENSIONS



LED SYSTEM WITH BUILT-IN DRIVER - 4 Ways

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
434F2/WR35PO	5000 lm	2340 lm	3000 K	80	36W 220-240Vac 50/60Hz	I	4 WAYS
434F2/NR35PO	5240 lm	2450 lm	4000 K	80	36W 220-240Vac 50/60Hz	I	4 WAYS

Beam
>120°Diffuse Emission
4 Ways
Opal PolycarbonateDali dimmable on request
with extra charge

CHARACTERISTICS

- Optical/Driver section not accessible during installation.
- Driver compartment separate and accessible through door with IP68 cable gland.
- Ground connection system with base and anchoring brackets (optional)
- Connection to the power supply network through M16 IP68 cable gland for cables max diameter 11mm type H07RN-F 3x1.5 or similar. Connection terminal block inside the driver compartment.
- LED maintenance can be carried out by removing the optical compartment (4 screws).
- Driver maintenance in direct access independent from the optical compartment.
- Fixed or Dali dimmable output system via built-in driver.
- Luminaire Conforms to EN60598-1 Standard and special requirements

MATERIALS

- Body in die casting aluminium alloy.
- Aluminum alloy rods for extrusion.
- Wooden pole
- Base in galvanized / painted iron with anchoring brackets
- Opal diffuser in extruded Polycarbonate (PC) GWT960 ° C - transmission LT> 45%.
- Seals in EDPM closed cell rubber, UV- resist. Tx -40/+150°C.
- Passive heat sink in extrusion aluminium alloy.
- Internal and external screws in A2 Stainless Steel
- M16 IP68 brass cable gland
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

STANDARD COLOURS



ORION-D



APPLICATION



Column luminaire, for floor installation, with light source placed on the upper part of the luminaire for ground lighting. This ensures optimal light distribution on the ground and better control of glare effects.

Floor fixing bracket with A2 steel brackets. Power supply with built-in driver with fixed or dimmable

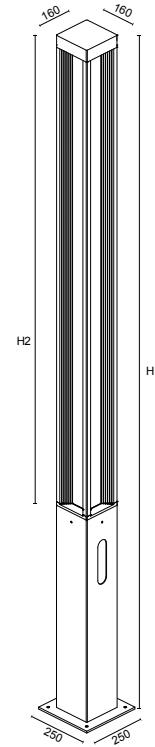
ORION-D

SPECIFICATIONS



- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- Pole equipped with inspection door for connection components (570F)
- **Ground connection system with anchoring brackets to be ordered separately**

DIMENSIONS

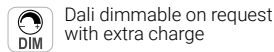


CODE	H1	H2	WAYS
570F2	3000mm	2000mm	
570F4	4000mm	2600mm	



LED SYSTEM WITH BUILT-IN DRIVER - 4 Ways

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
570F2/WC50EW	4720 lm	2800 lm	3000 K	80	35W - 220-240Vac 50/60Hz	I	4 WAYS
570F2/NC50EW	5000 lm	2980 lm	4000 K	80	35W - 220-240Vac 50/60Hz	I	4 WAYS
570F4/WC50EW	4720 lm	2800 lm	3000 K	80	35W - 220-240Vac 50/60Hz	I	4 WAYS
570F4/NC50EW	5000 lm	2980 lm	4000 K	80	35W - 220-240Vac 50/60Hz	I	4 WAYS



STANDARD COLOURS

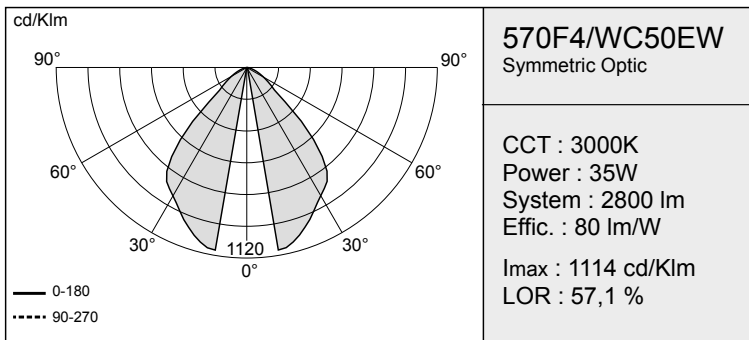


ORION-D



ORION-D

PHOTOMETRICS DATA

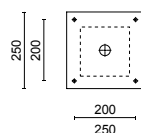
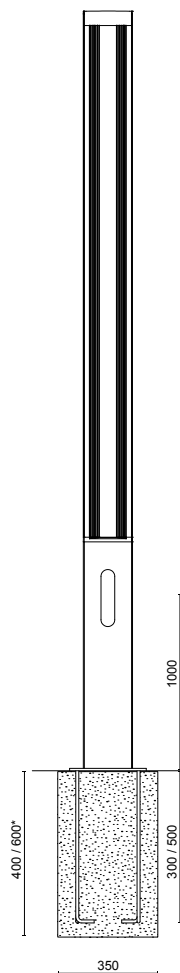


CHARACTERISTICS

- Downlight for ground lighting
- Independent optical unit not accessible during installation
- LED maintenance / replacement possible through the opening of the optical compartment on the pole head
- Driver maintenance / replacement by opening the independent compartment on the pole base
- Anchoring system with anchor frame / brackets available on request
- Appliance compliant with Standard EN 60598-1 and particular prescriptions

ASSEMBLY

Anchoring system with anchor frame / brackets available on request



Recommended minimum anchor support measures

MATERIALS

- Head / Base in die-cast Aluminum Alloy
- Aluminum columns for extrusion
- Extra clear silk-screened glass th = 4mm with LT transmission > 90%.
- EPDM gaskets with closed cells, UV-resist. Tx-40 / + 150 ° C
- Integrated passive heatsink in die-cast aluminum alloy
- Internal and external screws in A2 steel
- UV stabilized polyester powder finish with anti-corrosion treatment

ORION TL



APPLICATION



Column luminaire, for floor installation, with diffuser along the entire length for a scenographic uniformity of light. Optical compartment configurable for an emission from 1 to 4 Light points in different heights. Floor fixing bracket with A2 steel brackets (on request). Power supply with built-in driver with fixed output or Dali dimmable on request with extra charge.

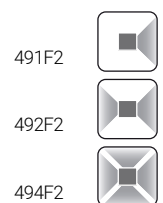
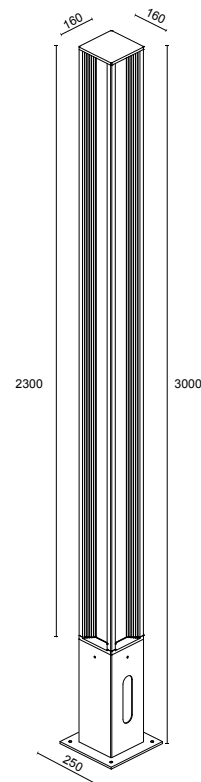
ORION TL

SPECIFICATIONS



- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- **Ground connection system with anchoring brackets to be ordered separately**

DIMENSIONS

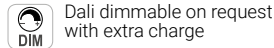
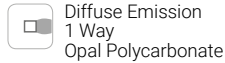


STANDARD COLOURS



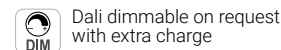
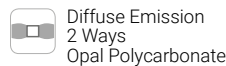
LED SYSTEM WITH BUILT-IN DRIVER - 1 Way

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
491F2/WR24PO	2160 lm	1010 lm	3000 K	80	21W 220-240Vac 50/60Hz	I	1 WAY
491F2/NR24PO	2400 lm	1120 lm	4000 K	80	21W 220-240Vac 50/60Hz	I	1 WAY



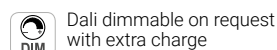
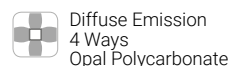
LED SYSTEM WITH BUILT-IN DRIVER - 2 Ways

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
492F2/WR24PO	4320 lm	2020 lm	3000 K	80	40W 220-240Vac 50/60Hz	I	2 WAYS
492F2/NR24PO	4800 lm	2240 lm	4000 K	80	40W 220-240Vac 50/60Hz	I	2 WAYS



LED SYSTEM WITH BUILT-IN DRIVER - 4 Ways

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
494F2/WR24PO	8640 lm	4040 lm	3000 K	80	80W 220-240Vac 50/60Hz	I	4 WAYS
494F2/NR24PO	9600 lm	4490 lm	4000 K	80	80W 220-240Vac 50/60Hz	I	4 WAYS



CHARACTERISTICS

- Optical/Driver section not accessible during installation.
- Driver compartment separate and accessible through door with IP68 cable gland.
- Ground connection system with base and anchoring brackets (optional)
- Connection to the power supply network through M16 IP68 cable gland for cables max diameter 11mm type H07RN-F 3x1.5 or similar. Connection terminal block inside the driver compartment.
- LED maintenance can be carried out by removing the optical compartment (4 screws).
- Driver maintenance in direct access independent from the optical compartment.
- Fixed or Dali dimmable output system via built-in driver.
- Luminaire Conforms to EN60598-1 Standard and special requirements

MATERIALS

- Body in die casting aluminum alloy.
- Aluminum alloy rods for extrusion.
- Aluminum alloy pole for extrusion.
- Base in galvanized / painted iron with anchoring brackets
- Opal diffuser in extruded Polycarbonate (PC) GWT960 ° C - transmission LT> 45%.
- Seals in EDPM closed cell rubber, UV-resist. Tx -40 / + 150 ° C.
- Passive heat sink in extrusion aluminum alloy.
- Internal and external screws in A2 Stainless Steel
- M16 IP68 brass cable gland
- Polyester powder coating, UV-stabilized with anti-corrosion treatment.

TRIM 2-S

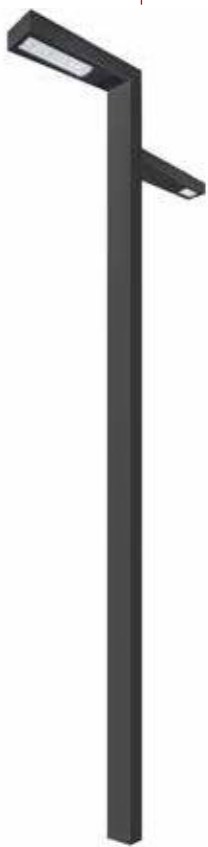
TRIM 2

TRIM 1

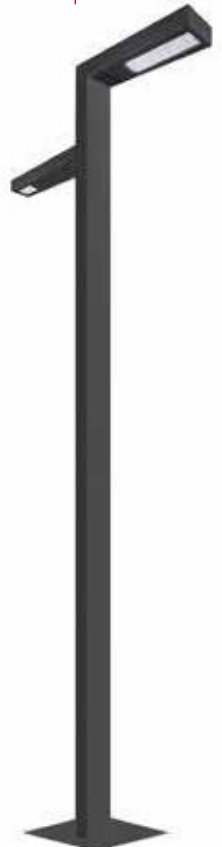
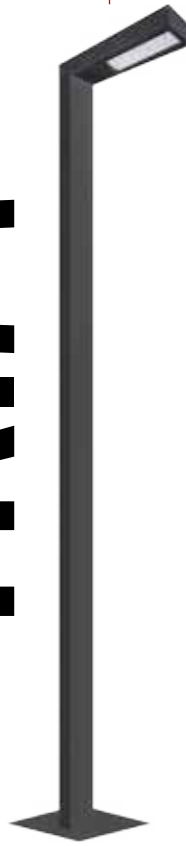
TRIM 1

TRIM 2

TRIM 2-S

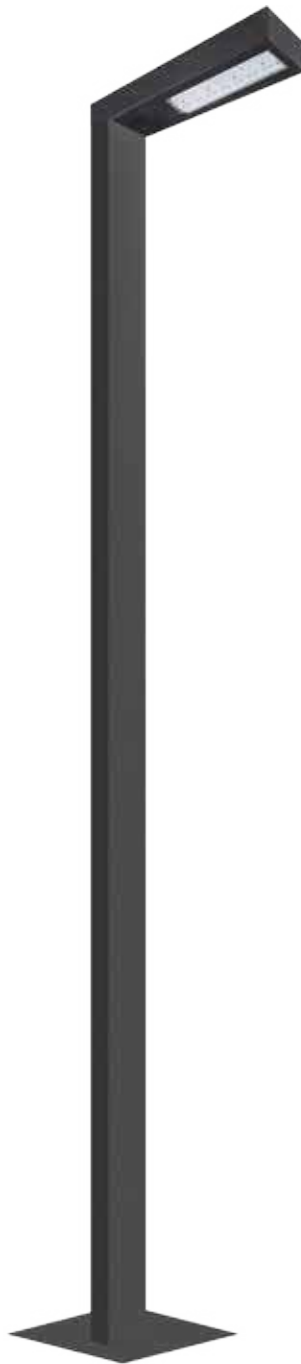


TRIM





TRIM



APPLICATION



Street furniture luminaire suitable for lighting streets, parking lots and generic urban areas such as residential areas and neighborhood parks, with the differentiated use of optics dedicated to different requirements. Designed as a complete single or double lighting system with the possibility of installing the second body at different heights for applications on cycle-pedestrian Wayli. Dali dimmable on request with extra charge.

TRIM

SPECIFICATIONS



760F3 - 35W



760F4 / 760F5 - 70W

LED SYSTEM WITH BUILT-IN DRIVER - 1 Light / Fixing with anchor frame

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
760F3/WP70.XX	4670 lm	3574 lm	3000K	>80	35W - 220-240Vac 50/60Hz	I	16
760F3/NP70.XX	5000 lm	3820 lm	4000K	>80	35W - 220-240Vac 50/60Hz	I	16
760F4/WP70.XX	9340 lm	7145 lm	3000K	>80	70W - 220-240Vac 50/60Hz	I	32
760F4/NP70.XX	10000 lm	7653 lm	4000K	>80	70W - 220-240Vac 50/60Hz	I	32
760F5/WP70.XX	9340 lm	7145 lm	3000K	>80	70W - 220-240Vac 50/60Hz	I	32
760F5/NP70.XX	10000 lm	7653 lm	4000K	>80	70W - 220-240Vac 50/60Hz	I	32

Beam
XX = ST Road
XX = PP Cycle-Pedestrian
XX = CP Parking / Large Areas

Asymmetric Emission
Silk-Screen Clear Glass

Dali dimmable on request
with extra charge



Installation:
Ground

- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- Pole equipped with inspection door for connection components
- **Ground connection system with anchoring brackets to be ordered separately**



760F3 - 2x35W



760F4 / 760F5 - 2x70W

LED SYSTEM WITH BUILT-IN DRIVER - 2 Lights / Fixing with anchor frame

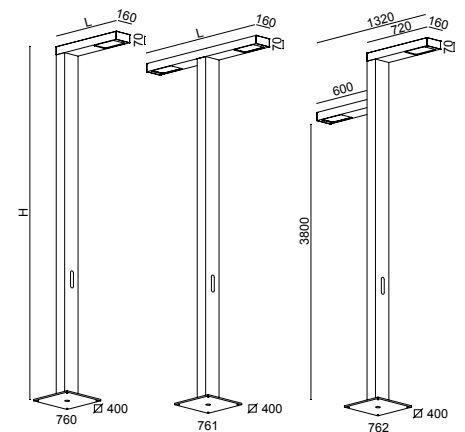
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
761F3/WP70.XX	9340 lm	7148 lm	3000K	>80	2x35W - 220-240Vac 50/60Hz	I	2x16
761F3/NP70.XX	10000 lm	7640 lm	4000K	>80	2x35W - 220-240Vac 50/60Hz	I	2x16
761F4/WP70.XX	18680 lm	14290 lm	3000K	>80	2x70W - 220-240Vac 50/60Hz	I	2x32
761F4/NP70.XX	20000 lm	15300 lm	4000K	>80	2x70W - 220-240Vac 50/60Hz	I	2x32
761F5/WP70.XX	18680 lm	14290 lm	3000K	>80	2x70W - 220-240Vac 50/60Hz	I	2x32
761F5/NP70.XX	20000 lm	15300 lm	4000K	>80	2x70W - 220-240Vac 50/60Hz	I	2x32

Beam
XX = ST Road
XX = PP Cycle-Pedestrian
XX = CP Parking / Large Areas

Asymmetric Emission
Silk-Screen Clear Glass

Dali dimmable on request
with extra charge

DIMENSIONS



CODE	H	L
760F3	3000mm	600mm
761F3	3000mm	1100mm
760F4	4000mm	720mm
761F4	4000mm	1300mm
760F5	5000mm	720mm
761F5	5000mm	1300mm
762F5	5000mm	1320mm



762F5 - 35W+70W

LED SYSTEM WITH BUILT-IN DRIVER - 2 Lights / Fixing with anchor frame

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
762F5/WP70.XX	14000 lm	10719 lm	3000K	>80	70W+35W - 220-240Vac 50/60Hz	I	32+16
762F5/NP70.XX	15000 lm	11473 lm	4000K	>80	70W+35W - 220-240Vac 50/60Hz	I	32+16

Beam
XX = ST Road
XX = PP Cycle-Pedestrian
XX = CP Parking / Large Areas

Asymmetric Emission
Silk-Screen Clear Glass

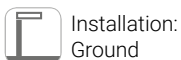
Dali dimmable on request
with extra charge

STANDARD COLOURS



TRIM

SPECIFICATIONS



- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- Pole equipped with inspection door for connection components



LED SYSTEM WITH BUILT-IN DRIVER - 1 Light / Underground installation

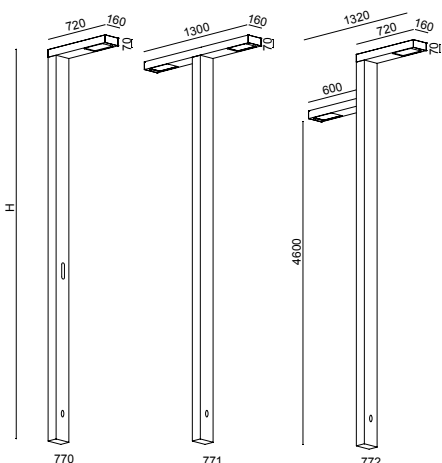
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
770F4/WP70.XX	9340 lm	7145 lm	3000K	>80	70W - 220-240Vac 50/60Hz	I	32
770F4/NP70.XX	10000 lm	7653 lm	4000K	>80	70W - 220-240Vac 50/60Hz	I	32
770F5/WP70.XX	9340 lm	7145 lm	3000K	>80	70W - 220-240Vac 50/60Hz	I	32
770F5/NP70.XX	10000 lm	7653 lm	4000K	>80	70W - 220-240Vac 50/60Hz	I	32

Beam
 XX = ST Road
 XX = PP Cycle-Pedestrian
 XX = CP Parking / Large Areas

Asymmetric Emission
 Silk-Screen Clear Glass

Dali dimmable on request
 with extra charge

DIMENSIONS



CODE	H
770F4	4000mm
771F4	4000mm
770F5	5000mm
771F5	5000mm
772F5	5000mm



LED SYSTEM WITH BUILT-IN DRIVER - 2 Lights / Underground installation

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
771F4/WP70.XX	18680 lm	14290 lm	3000K	>80	2x70W - 220-240Vac 50/60Hz	I	2x32
771F4/NP70.XX	20000 lm	15300 lm	4000K	>80	2x70W - 220-240Vac 50/60Hz	I	2x32
771F5/WP70.XX	18680 lm	14290 lm	3000K	>80	2x70W - 220-240Vac 50/60Hz	I	2x32
771F5/NP70.XX	20000 lm	15300 lm	4000K	>80	2x70W - 220-240Vac 50/60Hz	I	2x32

Beam
 XX = ST Road
 XX = PP Cycle-Pedestrian
 XX = CP Parking / Large Areas

Asymmetric Emission
 Silk-Screen Clear Glass

Dali dimmable on request
 with extra charge

STANDARD COLOURS



LED SYSTEM WITH BUILT-IN DRIVER - 2 Lights / Underground installation

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
772F5/WP70.XX	14000 lm	10719 lm	3000K	>80	70W+35W - 220-240Vac 50/60Hz	I	32+16
772F5/NP70.XX	15000 lm	11473 lm	4000K	>80	70W+35W - 220-240Vac 50/60Hz	I	32+16

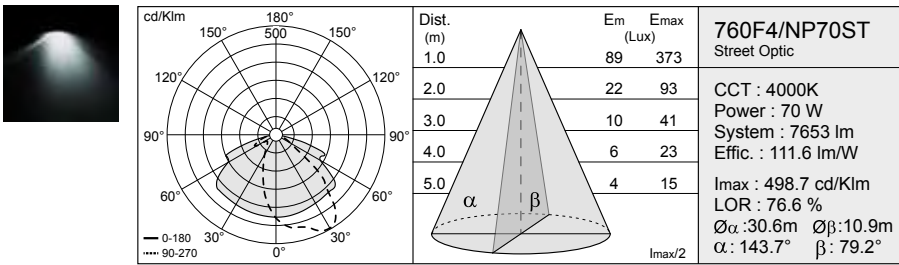
Beam
 XX = ST Road
 XX = PP Cycle-Pedestrian
 XX = CP Parking / Large Areas

Asymmetric Emission
 Silk-Screen Clear Glass

Dali dimmable on request
 with extra charge

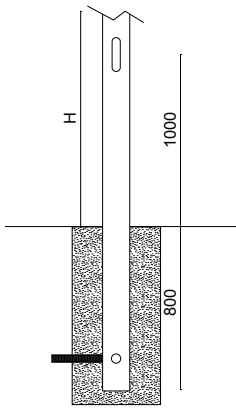
TRIM

PHOTOMETRICS DATA



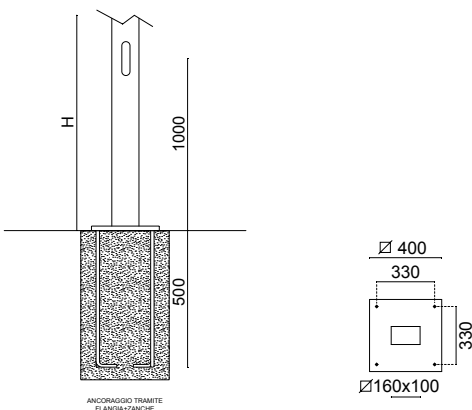
ASSEMBLY

Buried installation



77xF

Installation anchor frame + brackets



76xF

Ground connection system with anchoring brackets to be ordered separately

CHARACTERISTICS

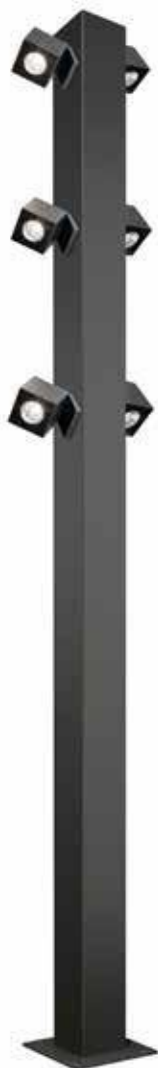
- System with rectangular pole 100x160mm or cylindrical pole Ø110mm with inspection compartment and removable door.
- Optical compartment / independent driver not accessible and connectable via pre-installed cable type H07RN-F 3x1, removable by screws and sliding movement from the supporting structure.
- Driver and LED maintenance only by removing the optical compartment (at the manufacturer).
- Ground installation by burying the pole with a compartment for underground cables (H > 4m).
- Ground connection system (alternative) with anchoring brackets and pre-welded centering plate.
- Connection to the power supply network through IP68 protected terminal block for cables with max diameter 11mm type H07RN-F 3x1.5 or similar.
- Fixed or dimmable output system via built-in driver. Integrated 10kV SPD protection. Luminaire Conforms to EN60598-1 Standard and special requirements

MATERIALS

- Pole / Body supporting structure in extrusion aluminum alloy.
- Optical compartment in aluminum alloy for extrusion.
- Ground fixing bracket in AISI 430F steel with anchoring brackets
- Diffuser in extra-clear transparent Float Glass Thickness 4mm silk-screened - LTF > 90%
- Seals in EDPM closed cell rubber, UV-resist. Tx -40 / + 150 ° C.
- Glass gasket in neutral cross-linking silicone glue - Tx-50 / + 250 ° C UV resist.
- Passive heat sink in extrusion aluminum alloy.
- Internal and external screws in A2 Stainless Steel
- M16 IP68 brass cable gland
- Polyester powder coating, UV-stabilized with anti-corrosion treatment.

KUBO

KUBO



LINKED PRODUCTS



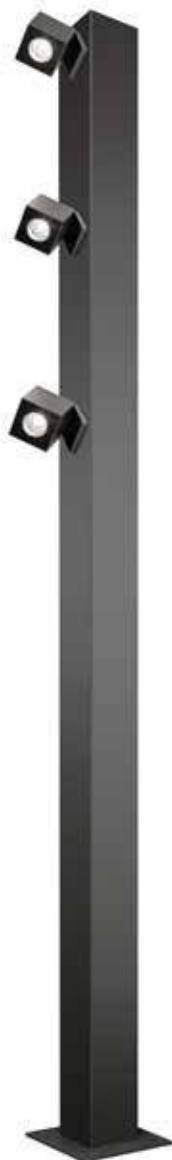
KUBO FLOODLIGHTS
Pag. 186



KUBO GROUND RECESSED
Pag. 288



KUB012



APPLICATION



Street furniture luminaire suitable for lighting parking lots, pedestrian areas and generic urban areas such as residential areas and neighborhood parks, with the differentiated use of optics dedicated to different requirements. Conceived as a complete pole-mounted system consisting of a set of individually adjustable projectors on the two levels, and available on all 4 faces of the support; in this way a great variety and flexibility of lighting of the areas is obtained, to be combined with the variety of optics supplied. Available with monochromatic LED version or Multichip system in fixed output or Dali dimmable on request with extra charge.

KUBO12

SPECIFICATIONS

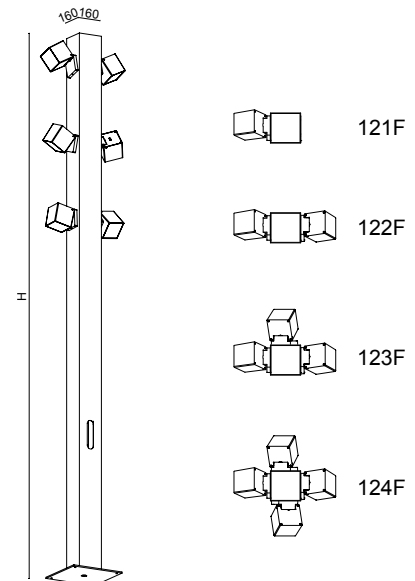
LED SYSTEM WITH BUILT-IN DRIVER - 3 Lights / Side

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
121F3/WC35XX	3x1900 lm	3x1382 lm	3000K	>80	3x14W - 220-240Vac 50/60Hz	I
121F3/NC35XX	3x1995 lm	3x1458 lm	4000K	>80	3x14W - 220-240Vac 50/60Hz	I
122F3/WC35XX	6x1900 lm	6x1382 lm	3000K	>80	6x14W - 220-240Vac 50/60Hz	I
122F3/NC35XX	6x1995 lm	6x1458 lm	4000K	>80	6x14W - 220-240Vac 50/60Hz	I
123F3/WC35XX	9x1900 lm	9x1382 lm	3000K	>80	9x14W - 220-240Vac 50/60Hz	I
123F3/NC35XX	9x1995 lm	9x1458 lm	4000K	>80	9x14W - 220-240Vac 50/60Hz	I
124F3/WC35XX	12x1900 lm	12x1382 lm	3000K	>80	12x14W - 220-240Vac 50/60Hz	I
124F3/NC35XX	12x1995 lm	12x1458 lm	4000K	>80	12x14W - 220-240Vac 50/60Hz	I
121F4/WC35XX	3x1900 lm	3x1382 lm	3000K	>80	3x14W - 220-240Vac 50/60Hz	I
121F4/NC35XX	3x1995 lm	3x1458 lm	4000K	>80	3x14W - 220-240Vac 50/60Hz	I
122F4/WC35XX	6x1900 lm	6x1382 lm	3000K	>80	6x14W - 220-240Vac 50/60Hz	I
122F4/NC35XX	6x1995 lm	6x1458 lm	4000K	>80	6x14W - 220-240Vac 50/60Hz	I
123F4/WC35XX	9x1900 lm	9x1382 lm	3000K	>80	9x14W - 220-240Vac 50/60Hz	I
123F4/NC35XX	9x1995 lm	9x1458 lm	4000K	>80	9x14W - 220-240Vac 50/60Hz	I
124F4/WC35XX	12x1900 lm	12x1382 lm	3000K	>80	12x14W - 220-240Vac 50/60Hz	I
124F4/NC35XX	12x1995 lm	12x1458 lm	4000K	>80	12x14W - 220-240Vac 50/60Hz	I



- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- Pole equipped with inspection door for connection components
- **Ground connection system with anchoring brackets to be ordered separately**

DIMENSIONS



CODE	H	N°
121F3	3000mm	1x3 (art.2112W)
122F3	3000mm	2x3 (art.2112W)
123F3	3000mm	3x3 (art.2112W)
124F3	3000mm	4x3 (art.2112W)
121F4	4000mm	1x3 (art.2112W)
122F4	4000mm	2x3 (art.2112W)
123F4	4000mm	3x3 (art.2112W)
124F4	4000mm	4x3 (art.2112W)

STANDARD COLOURS



Beam
XX=NB (Spot 19°)
XX=MB (Flood 26°)
XX=WB (Wide Flood 49°)

Direct emission Adjustable
Silk-Screen Clear Glass

Dali dimmable on request
with extra charge

LED ARRAY SYSTEM WITH BUILT-IN DRIVER - 3 Lights / Side

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
121F3 /WR50XX	3x1700 lm	3x1190 lm	3000K	>80	3x14W - 220-240Vac 50/60Hz	I
121F3 /NR50XX	3x1770 lm	3x2140 lm	4000K	>80	3x14W - 220-240Vac 50/60Hz	I
122F3 /WR50XX	6x1700 lm	6x1190 lm	3000K	>80	6x14W - 220-240Vac 50/60Hz	I
122F3 /NR50XX	6x1770 lm	6x2140 lm	4000K	>80	6x14W - 220-240Vac 50/60Hz	I
123F3 /WR50XX	9x1700 lm	9x1190 lm	3000K	>80	9x14W - 220-240Vac 50/60Hz	I
123F3 /NR50XX	9x1770 lm	9x2140 lm	4000K	>80	9x14W - 220-240Vac 50/60Hz	I
124F3 /WR50XX	12x1700 lm	12x1190 lm	3000K	>80	12x14W - 220-240Vac 50/60Hz	I
124F3 /NR50XX	12x1770 lm	12x2140 lm	4000K	>80	12x14W - 220-240Vac 50/60Hz	I
121F4 /WR50XX	3x1700 lm	3x1190 lm	3000K	>80	3x14W - 220-240Vac 50/60Hz	I
121F4 /NR50XX	3x1770 lm	3x2140 lm	4000K	>80	3x14W - 220-240Vac 50/60Hz	I
122F4 /WR50XX	6x1700 lm	6x1190 lm	3000K	>80	6x14W - 220-240Vac 50/60Hz	I
122F4 /NR50XX	6x1770 lm	6x2140 lm	4000K	>80	6x14W - 220-240Vac 50/60Hz	I
123F4 /WR50XX	9x1700 lm	9x1190 lm	3000K	>80	9x14W - 220-240Vac 50/60Hz	I
123F4 /NR50XX	9x1770 lm	9x2140 lm	4000K	>80	9x14W - 220-240Vac 50/60Hz	I
124F4 /WR50XX	12x1700 lm	12x1190 lm	3000K	>80	12x14W - 220-240Vac 50/60Hz	I
124F4 /NR50XX	12x1770 lm	12x2140 lm	4000K	>80	12x14W - 220-240Vac 50/60Hz	I

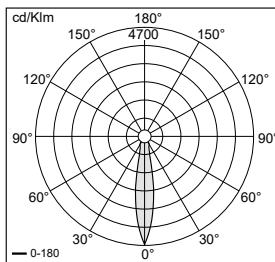
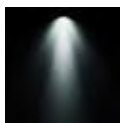
Beam
XX=NB (Spot 20°)
XX=MB (Flood 32°)
XX=WB (Wide Flood 50°)

Direct emission Adjustable
Silk-Screen Clear Glass

Dali dimmable on request
with extra charge

KUB012

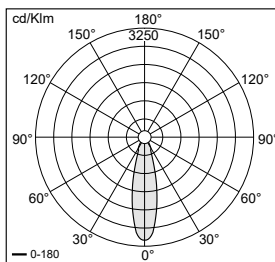
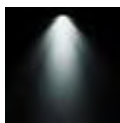
PHOTOMETRICS DATA



Dist. (m)	Em (Lux)	E _{max} (Lux)
1.0	3197	4680
2.0	799	1170
3.0	355	520
4.0	199	292
5.0	127	187

Imax/2

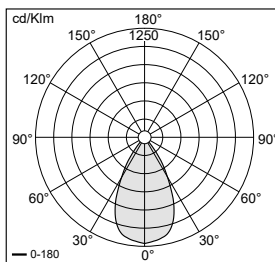
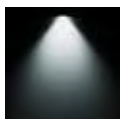
2112W/NC35NB Spot
CCT : 4000K Power : 14W System : 1242 lm Effic. : 88.7 lm/W
Imax : 4680 cd/Klm LOR : 70.6 % Øα : 1.8m Øβ : 1.8m α : 19.2° β : 19.2°



Dist. (m)	Em (Lux)	E _{max} (Lux)
1.0	2307	3202
2.0	576	801
3.0	256	356
4.0	144	200
5.0	92	128

Imax/2

2112W/NC35MB Flood
CCT : 4000K Power : 14W System : 1214 lm Effic. : 86.7 lm/W
Imax : 3202 cd/Klm LOR : 69 % Øα : 2.5m Øβ : 2.5m α : 26.2° β : 26.2°



Dist. (m)	Em (Lux)	E _{max} (Lux)
1.0	896	1206
2.0	224	302
3.0	100	134
4.0	56	75
5.0	36	48

Imax/2

2112W/NC35WB Wide Flood
CCT : 4000K Power : 14W System : 1232 lm Effic. : 88 lm/W
Imax : 1206 cd/Klm LOR : 60.3 % Øα : 5.6m Øβ : 5.6m α : 49.6° β : 49.6°

KUB012

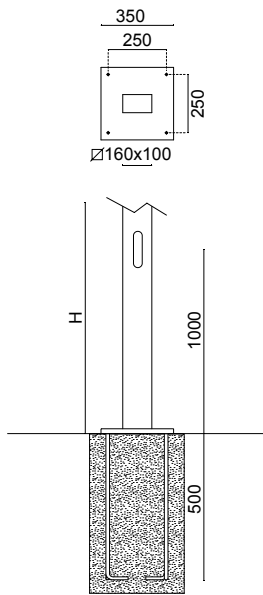
CHARACTERISTICS

- Adjustable luminaire on two vertical/horizontal planes with screw tightening.
- Supplied pre-wired with 50cm H05RN-F 3x1mmq cable and IP68 cable gland.
- Optical/Driver section not accessible during installation.
- LED maintenance can be carried out by disassembling the optical compartment and dissipator (2 screws).
- Fixed or Dali dimmable system for monochromatics LEDs.
- Centralized connection for "n" post-top luminaires.
- Ground connection system (alternative) with anchoring brackets and pre-welded centering plate.
- Ground installation by burying the pole with compartment for underground cables (H> 4m) AVAILABLE ON REQUEST
- Luminaire Conforms to EN60598-1 Standard and special requirements

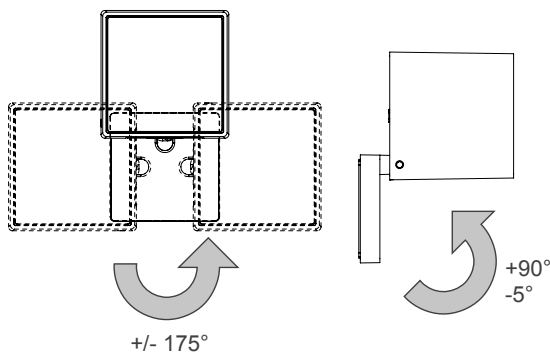
MATERIALS

- Pole: Aluminium alloy for extrusion
- Body in die casting aluminium alloy.
- Extra Clear Tempered Glass 4mm with silk-screen printing. - trasmissione LT>90%.
- Seals in EDPM closed cell rubber, UV- resist. Tx -40/+150°C.
- Glass gasket in neutral cross-linking silicone glue - Tx-50/+250°C UV resist.
- Integrated passive heat sink made of aluminium alloy
- Internal and external screws in A2 Stainless Steel
- M16 IP68 brass cable gland
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

ASSEMBLY



Ground connection system with anchoring brackets to be ordered separately



SILURO

SILURO
316



SILURO
317



SILURO
318



SILURO
319



SILURO
315





SILURO



APPLICATION



Pole characterized by a linear and sober design, it is available in four different heights: 2100 mm, 2600 mm, 3100 mm, 3600 mm. The polycarbonate diffuser it is equipped with can be both transparent and opal. Thanks to its ability to diffuse light at 360 °, Siluro is an evolutionary, complete and extremely efficient product. Post conceived and designed to offer lighting solutions not only for large spaces but also for smaller residential areas, guaranteeing luminous efficiency and minimum energy consumption. Dali dimmable on request with extra charge.



URBAN LIGHTINGS

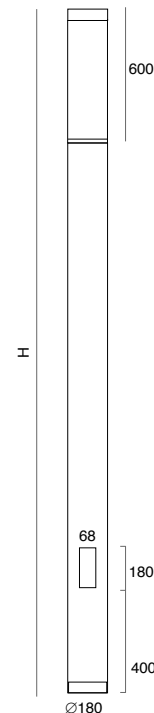
SILURO

SPECIFICATIONS



- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- Ground connection system with anchoring brackets to be ordered separately
- Pole equipped with inspection door for connection components

DIMENSIONS



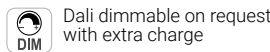
CODE	H
316	2100mm
317	2600mm
318	3100mm
319	3600mm
315	4100mm

STANDARD COLOURS



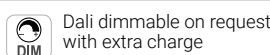
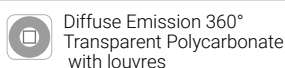
LED SYSTEM WITH BUILT-IN DRIVER

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
316-...OLD3	6280 lm	4262 lm	3000K	>80	48W - 220-240Vac 50/60Hz	I
316-...OLD4	6640 lm	4450 lm	4000K	>80	48W - 220-240Vac 50/60Hz	I
317-...OLD3	6280 lm	4262 lm	3000K	>80	48W - 220-240Vac 50/60Hz	I
317-...OLD4	6640 lm	4450 lm	4000K	>80	48W - 220-240Vac 50/60Hz	I
318-...OLD3	6280 lm	4262 lm	3000K	>80	48W - 220-240Vac 50/60Hz	I
318-...OLD4	6640 lm	4450 lm	4000K	>80	48W - 220-240Vac 50/60Hz	I
319-...OLD3	6280 lm	4262 lm	3000K	>80	48W - 220-240Vac 50/60Hz	I
319-...OLD4	6640 lm	4450 lm	4000K	>80	48W - 220-240Vac 50/60Hz	I
315-...OLD3	6280 lm	4262 lm	3000K	>80	48W - 220-240Vac 50/60Hz	I
315-...OLD4	6640 lm	4450 lm	4000K	>80	48W - 220-240Vac 50/60Hz	I



LED SYSTEM WITH BUILT-IN DRIVER

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
316-...LD3	6590 lm	2370 lm	3000K	>80	48W - 220-240Vac 50/60Hz	I
316-...LD4	7100 lm	2550 lm	4000K	>80	48W - 220-240Vac 50/60Hz	I
317-...LD3	6590 lm	2370 lm	3000K	>80	48W - 220-240Vac 50/60Hz	I
317-...LD4	7100 lm	2550 lm	4000K	>80	48W - 220-240Vac 50/60Hz	I
318-...LD3	6590 lm	2370 lm	3000K	>80	48W - 220-240Vac 50/60Hz	I
318-...LD4	7100 lm	2550 lm	4000K	>80	48W - 220-240Vac 50/60Hz	I
319-...LD3	6590 lm	2370 lm	3000K	>80	48W - 220-240Vac 50/60Hz	I
319-...LD4	7100 lm	2550 lm	4000K	>80	48W - 220-240Vac 50/60Hz	I
315-...LD3	6590 lm	2370 lm	3000K	>80	48W - 220-240Vac 50/60Hz	I
315-...LD4	7100 lm	2550 lm	4000K	>80	48W - 220-240Vac 50/60Hz	I



SILURO

CHARACTERISTICS

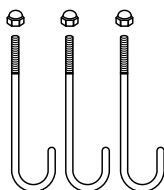
- Pole luminaire for asymmetrical light with downward flux > 85%
- Optical compartment not accessible during installation.
- Power cable entry with internal 3-way terminal block for non-pass-through wiring.
- Power cable allowed up to 1.5mm² three-pole with external sheath max. 11mm.
- SMD LED system with built-in driver 220-240V/50-60Hz
- LED maintenance can be carried out by removing the rods of the optical compartment with removal of the screen
- Driver maintenance can be carried out by removing the pole head section.
- Luminaire Conforms to EN60598-1 Standard and special requirements

MATERIALS

- Fixture/Base in die-cast aluminum alloy.
- Pole: Aluminium alloy for extrusion
- Diffuser in Transparent Polycarbonate (PC) GWT960 / Opal GWT850 UV Stab.
- Louvre in aluminum plate
- UV resistant silicone rubber OR gaskets Tx -40/+180°C.
- Integrated passive heatsink in Aluminum extrusion.
- Internal and external screws in A2 Stainless Steel
- IP68 cable gland in PS for retaining the power supply cable.
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

FIXING SYSTEMS

Art. 5018-A
Art. 5021-A



DIFFUSER



URBAN LIGHTINGS

SILURO





MAXIMA ONE



MAXIMA SMALL POLE
Pag. 404



MAXIMA ONE



APPLICATION



Maxima comes in two configurations: the first, suitable for residential installation, has a 370 mm lighting body and offers 4 different heights starting from 570 mm and reaching a maximum of 1600 mm. The second, also suitable for semi-urban and urban installation, has a 610 mm lighting body and heights that cover from 1200 mm to 3000 mm. Consisting of chromed louvre reflectors, in addition to guaranteeing a diffuse emission and limiting glare, it actively participates in designing the luminaire in its shape. It is also available with shielded louvres suitable for compliance with the Regulations on Light Pollution. The Waysne structure equipped with an anchor frame made with metal clamps necessary to guarantee its stability. The lamp body, firmly connected to the pole by means of a bayonet coupling, makes it easily removable during normal maintenance operations. Dali dimmable on request with extra charge.

MAXIMA ONE

SPECIFICATIONS



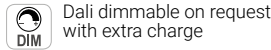
- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- **Ground connection system with anchoring brackets to be ordered separately**

LED SYSTEM WITH BUILT-IN DRIVER

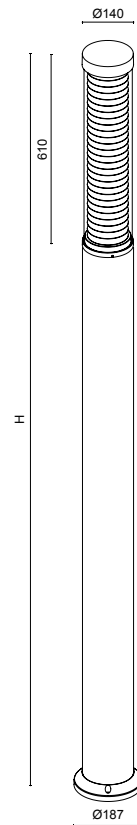
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
375F1/WR8.XX	5720 lm	2070 lm	3000 K	80	44W- 220-240Vac 50/60Hz	I
375F1/NR8.XX	6040 lm	2185 lm	4000 K	80	44W- 220-240Vac 50/60Hz	I
375F2/WR8.XX	5720 lm	2070 lm	3000 K	80	44W- 220-240Vac 50/60Hz	I
375F2/NR8.XX	6040 lm	2185 lm	4000 K	80	44W- 220-240Vac 50/60Hz	I
375F3/WR8.XX	5720 lm	2070 lm	3000 K	80	44W- 220-240Vac 50/60Hz	I
375F3/NR8.XX	6040 lm	2185 lm	4000 K	80	44W- 220-240Vac 50/60Hz	I



Diffuse Emission 360°
 XX=PT Transparent Polycarbonate with louvres
 XX=X3 Transparent Polycarbonate with antipollution louvres

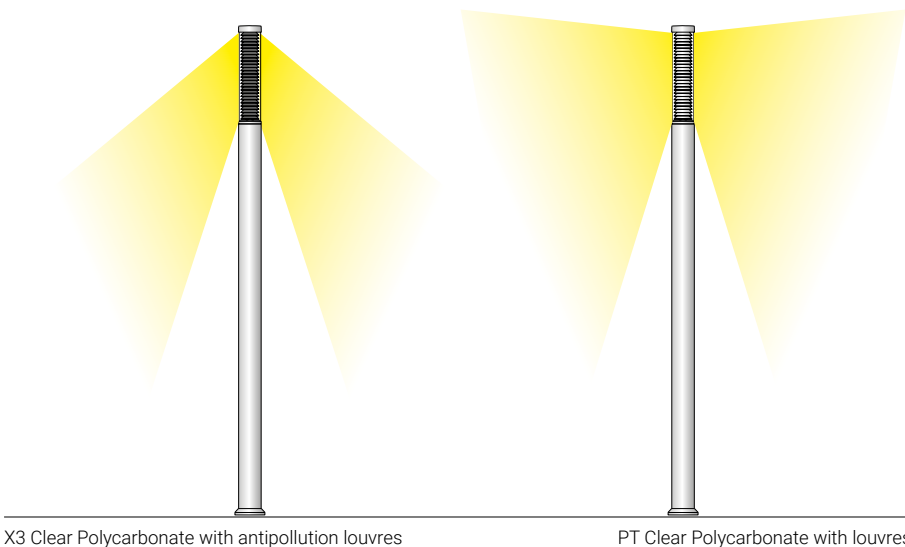


DIMENSIONS



CODE	H
375F1	2000mm
375F2	2480mm
375F3	3000mm

LIGHT DIFFUSION



STANDARD COLOURS



VELA

VELA





VELA



APPLICATION



Indirect light street furniture suitable for urban parks, pedestrian areas, car parks. It offers uniform diffused lighting over the entire area without any degree of glare whatever the point of view. Its structure allows to contain the power supply in class II on the pole base, easily removable and serviceable but still protected with vandal-proof screws. The lamp body is totally insulated with a high degree of protection IP65.

VELA

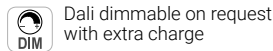
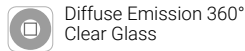
SPECIFICATIONS



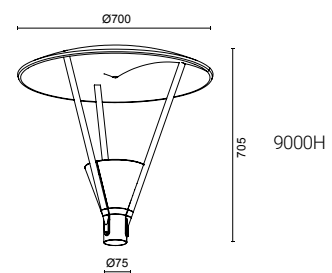
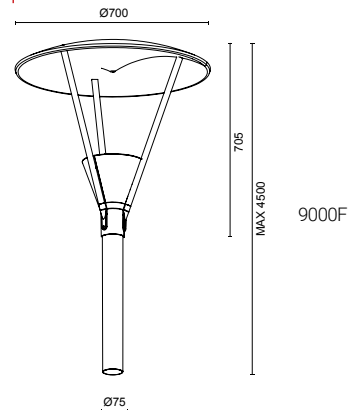
- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- Ground connection system with anchoring brackets to be ordered separately
- Pole equipped with inspection door for connection components

LED SYSTEM WITH BUILT-IN DRIVER - Complete pole system

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
9000F/WC5.NB	5870 lm	2042 lm	3000K	>80	36W - 220-240Vac 50/60Hz	I
9000F/NC5.NB	6160 lm	2145 lm	4000K	>80	36W - 220-240Vac 50/60Hz	I

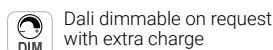


DIMENSIONS

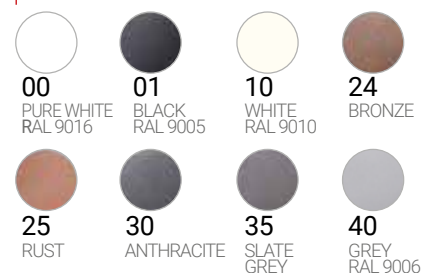


LED SYSTEM WITH EXTERNAL DRIVER - Single head system

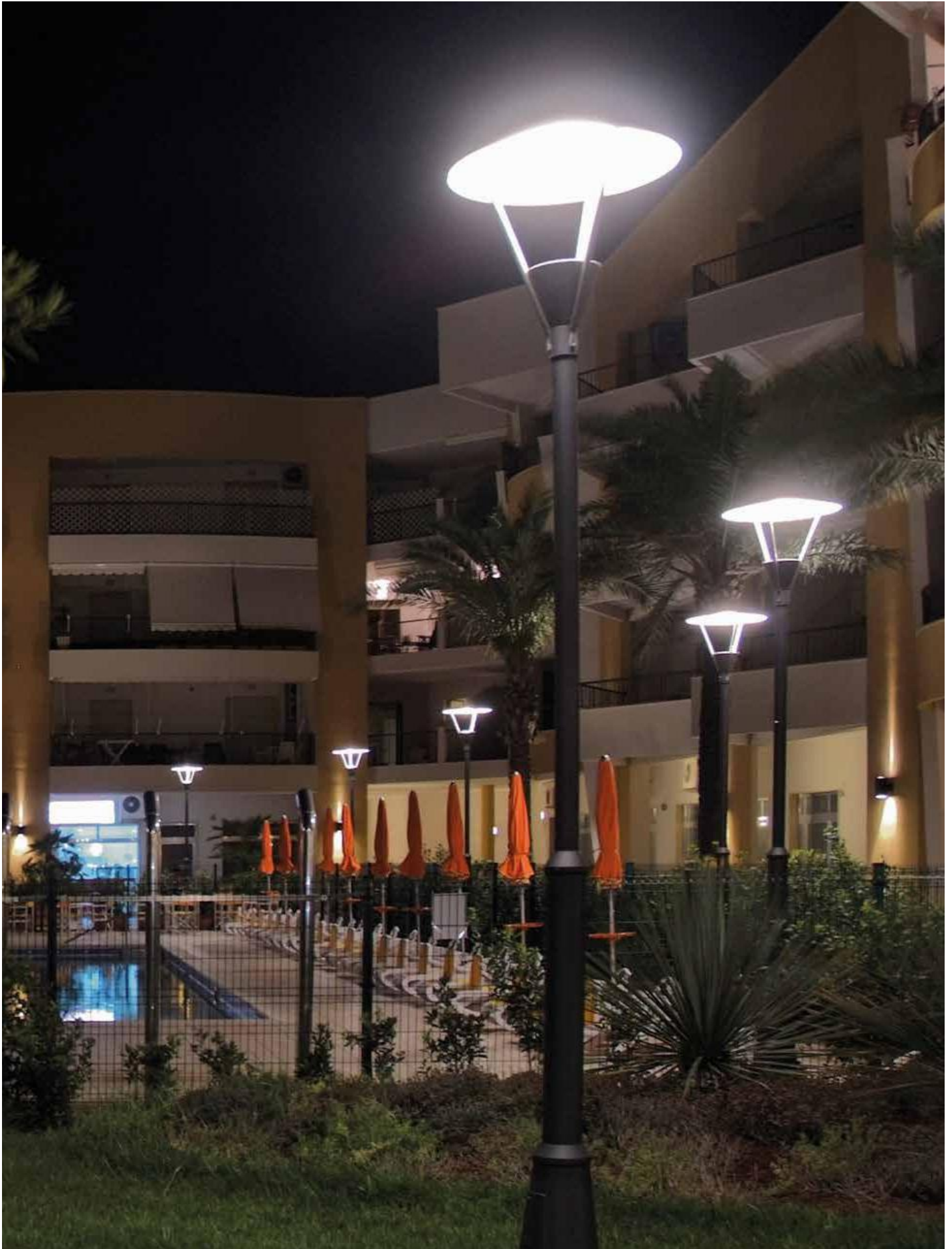
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
9000H/WC5.NB	5870 lm	2042 lm	3000K	>80	36W - 220-240Vac 50/60Hz	I
9000H/NC5.NB	6160 lm	2145 lm	4000K	>80	36W - 220-240Vac 50/60Hz	I



STANDARD COLOURS

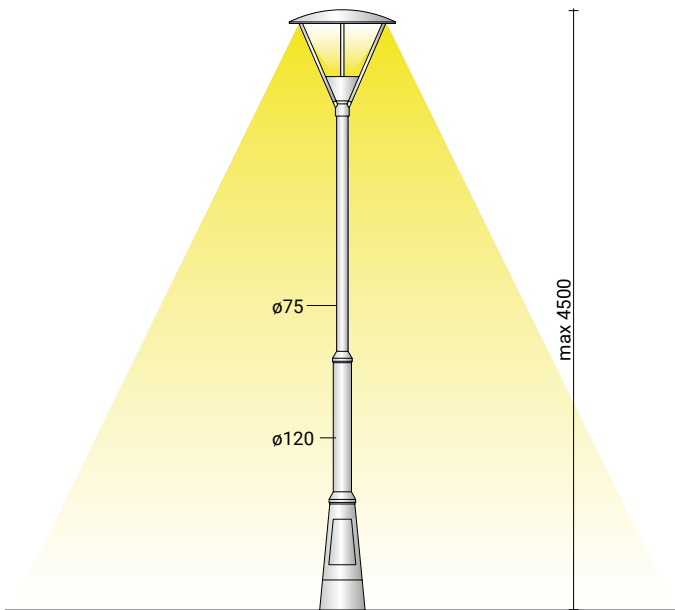


VELA



VELA

LIGHT DIFFUSION



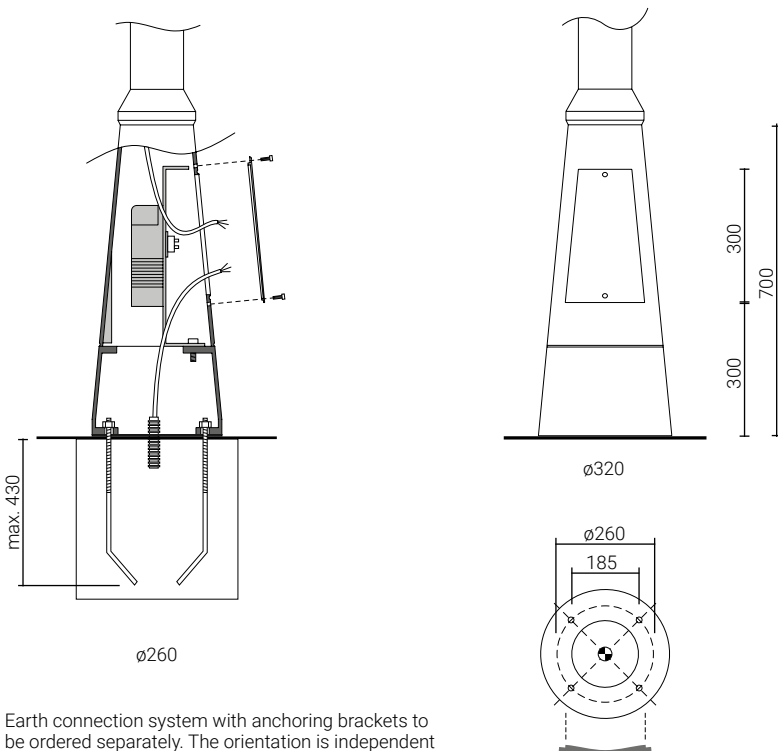
CHARACTERISTICS

- Pole system with base equipped with inspection door and component compartment
- Optical/Driver section not accessible during installation.
- LED maintenance can be carried out by disassembling the optical compartment.
- Driver maintenance can be carried out by opening the component compartment in the base.
- Fixed or Dali dimmable system for monochromatic LEDs.
- Luminaire Conforms to EN60598-1 Standard and special requirements

MATERIALS

- Fixture/Base in die-cast aluminum alloy.
- Aluminum alloy pole for extrusion.
- Sail in aluminum sheet.
- Extra-clear Float glass th=12mm - LTF transmission>90%.
- Compact UV resist EPDM gaskets Tx -40/+150°C
- Passive heatsink in aluminum alloy for extrusion.
- Internal and external screws in A2 Stainless Steel
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

ASSEMBLY



Earth connection system with anchoring brackets to be ordered separately. The orientation is independent of the layout of the ground attachment holes

UP&DOWN



UP&DOWN



UP&DOWN

LINKED PRODUCTS



UP&DOWN WALL
Pag. 76



UP&DOWN CEILING
Pag. 160



UP&DOWN SMALL POLE
Pag. 382



UP&DOWN



APPLICATION



Single emission pole luminaire usable for outdoor environments such as equipped green areas, rest areas and car parks in general.

The use of dedicated optics for the different sources allows you to combine different light distributions, from narrow beam accent lighting to wide beam diffused lighting. The use of a disconnecting device on the base allows for simple and quick installation, which can also be carried out by a single person, without the need to enter the lamp body with the power supply.

Made entirely of die-cast aluminum, it offers a high degree of protection IP65 and the use of electronic components, with the possibility of Dali dimming on request.

UP&DOWN

SPECIFICATIONS





- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- Ground fixing system with Ø100mm underground pole.
- Pole equipped with inspection door for connection components




LED SYSTEM WITH BUILT-IN DRIVER - 1 Light

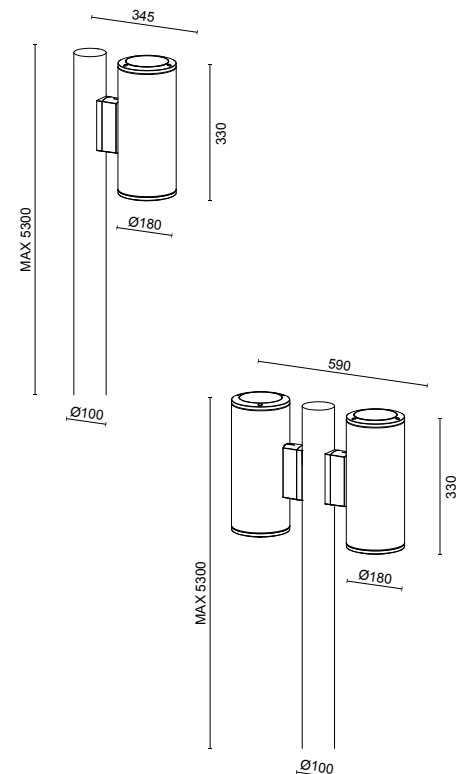
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
7451F/WC3.XX	3850 lm	3150 lm	3000K	>80	25W - 220-240Vac 50/60Hz	I
7451F/NC3.XX	4050 lm	3320 lm	4000K	>80	25W - 220-240Vac 50/60Hz	I

 Beam
 XX=NB (Spot 16°)
 XX=MB (Flood 29°)
 XX=WB (Wide Flood 48°)

 Downward Emission
 Clear Glass


 Dali dimmable on request
 with extra charge

DIMENSIONS




LED SYSTEM WITH BUILT-IN DRIVER - 2 Lights

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
7452F/WC3.XX	7700 lm	6300 lm	3000K	>80	2x25W - 220-240Vac 50/60Hz	I
7452F/NC3.XX	8100 lm	6640 lm	4000K	>80	2x25W - 220-240Vac 50/60Hz	I

 Beam
 XX=NB (Spot 16°)
 XX=MB (Flood 29°)
 XX=WB (Wide Flood 48°)

 Double Downward Emission
 Clear Glass

 Dali dimmable on request
 with extra charge

STANDARD COLOURS



UP&DOWN

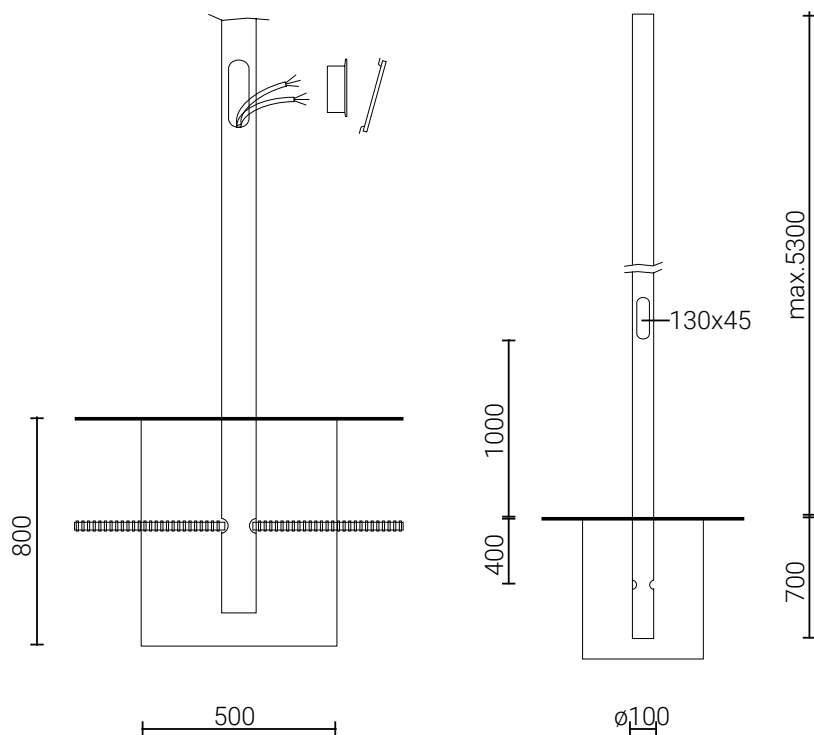
CHARACTERISTICS

- Pole system with base equipped with disconnecting terminal for quick coupling/release
- Independent Optic/driver housing not accessible during installation
- LED/Driver maintenance by opening the optical compartment (3 screws).
- Fixed or Dali dimmable system for monochromatics LEDs.
- Luminaire Conforms to EN60598-1 Standard and special requirements

MATERIALS

- Ferrules/Base in aluminum alloy for die casting.
- Body in extrusion aluminium alloy.
- Float glass extra clear th=6mm - LTF transmission > 90%.
- Compact UV resist EPDM gaskets Tx -40/+150°C
- Passive heat sink in extrusion aluminium alloy.
- Internal and external screws in A2 Stainless Steel
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

ASSEMBLY





LUNOS

LUNOS

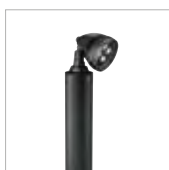


LUNOS MAXI

LINKED PRODUCTS



LUNOS FLOODLIGHTS
Pag. 212



LUNOS SMALL POLE
Pag. 376



LUNOS MAXI



APPLICATION



Adjustable fixture, suitable for wall, ceiling or floor installation as a stand-alone projector or with spike support. Equipped with secondary optics for different light distributions, and a wide choice of ACCESSORIES useful for controlling the flow and visual comfort. Available with monochromatic LED version in fixed output or, on request, dimmable Dali, RGBW for DMX-RDM.

URBAN LIGHTINGS

LUNOS MAXI

SPECIFICATIONS



- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- Ground fixing system with Ø100mm underground pole.
- Pole equipped with inspection door for connection components



LED SYSTEM WITH BUILT-IN DRIVER - 1 Light

REVIEW

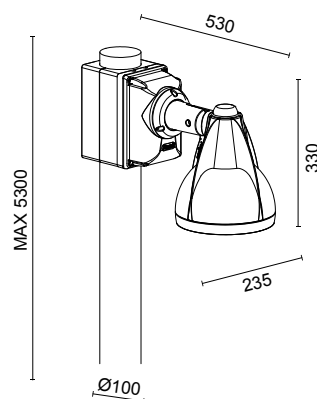
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
9710F/WC50XX	5500 lm	4230 lm	3000 K	80	58W 220-240Vac 50/60Hz	I
9710F/NC50XX	5700 lm	4400 lm	4000 K	80	58W 220-240Vac 50/60Hz	I

Beam
 XX=NB (Spot 10°)
 XX=MB (Flood 38°)
 XX=WB (Wide Flood 56°)

Adjustable Direct Emission
 Silk-Screen Clear Glass

Dali dimmable on request
 with extra charge

DIMENSIONS



LED ARRAY SYSTEM WITH BUILT-IN DRIVER - 1 Light

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
9700F/WP4.XX	4720 lm	3400 lm	3000 K	80	36W 220-240Vac 50/60Hz	I
9700F/NP4.XX	4830 lm	3520 lm	4000 K	80	36W 220-240Vac 50/60Hz	I

Beam
 XX=NB (Spot 20°)
 XX=MB (Flood 32°)
 XX=WB (Wide Flood 50°)

Adjustable Direct Emission
 Silk-Screen Clear Glass

Dali dimmable on request
 with extra charge

STANDARD COLOURS



LUNOS MAXI

SPECIFICATIONS



- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- Ground fixing system with Ø100mm underground pole.
- Pole equipped with inspection door for connection components



LED SYSTEM WITH BUILT-IN DRIVER - 2 Lights

new version

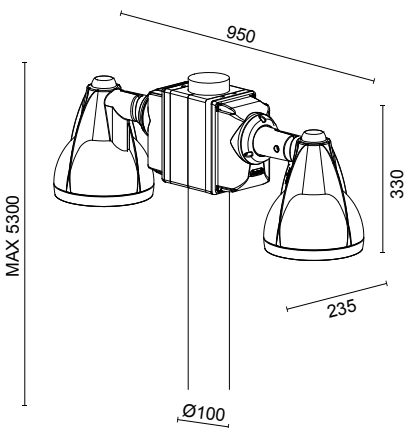
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
9711F/WC50.XX	11000 lm	8460 lm	3000 K	80	2x58W 220-240Vac 50/60Hz	I
9711F/NC50.XX	11400 lm	8800 lm	4000 K	80	2x58W 220-240Vac 50/60Hz	I

Beam
 XX=NB (Spot 10°)
 XX=MB (Flood 38°)
 XX=WB (Wide Flood 56°)

Adjustable Direct Emission
 Silk-Screen Clear Glass

Dali dimmable on request
 with extra charge

DIMENSIONS



STANDARD COLOURS



LED ARRAY SYSTEM WITH BUILT-IN DRIVER - 2 Lights

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
9701F/WP4.XX	9440 lm	6800 lm	3000 K	80	2x36W 220-240Vac 50/60Hz	I
9701F/NP4.XX	9660 lm	7040 lm	4000 K	80	2x36W 220-240Vac 50/60Hz	I

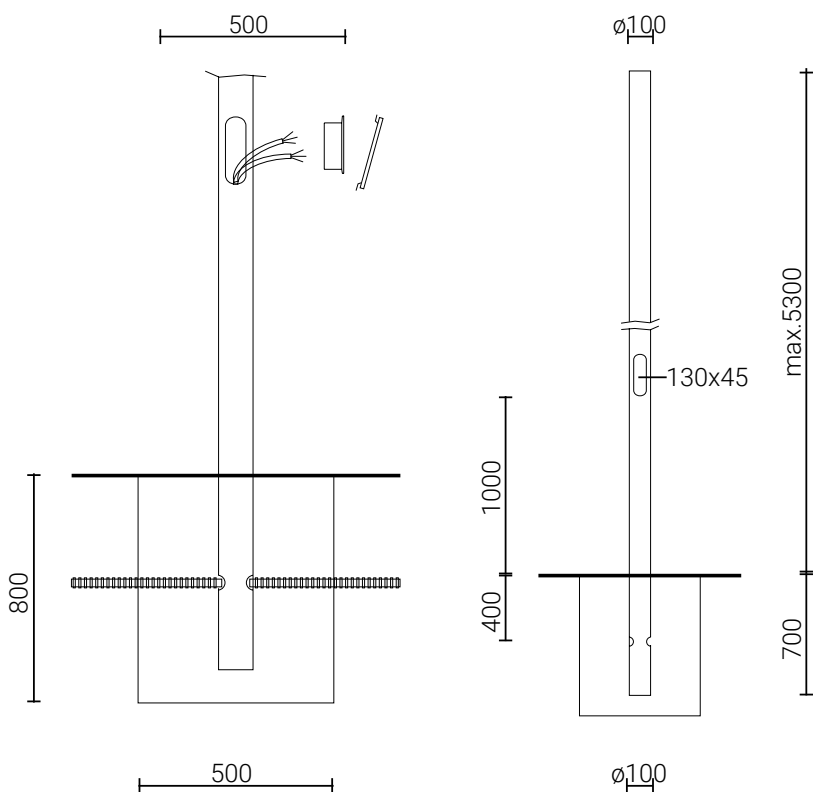
Beam
 XX=NB (Spot 20°)
 XX=MB (Flood 32°)
 XX=WB (Wide Flood 50°)

Adjustable Direct Emission
 Silk-Screen Clear Glass

Dali dimmable on request
 with extra charge

LUNOS MAXI

ASSEMBLY



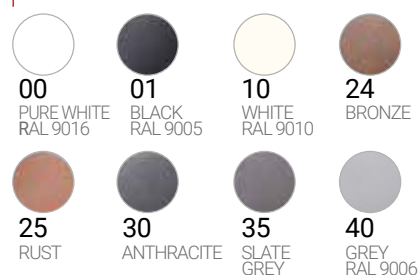
SPECIFICATIONS

- Adjustable luminaire on two vertical/horizontal planes with screw tightening and graduated ring nut.
- Optical/Driver section not accessible during installation.
- LED maintenance can be carried out by removing the optical compartment (3 screws).
- Driver maintenance from the special compartment separate from the optical unit.
- Fixed or Dali dimmable system for monochromatics LEDs.
- Luminaire Conforms to EN60598-1 Standard and special requirements

MATERIALS

- Body: Die-cast aluminum alloy.
- Ring: Die-cast aluminum alloy.
- Pole: Die-cast aluminum alloy.
- Extra-clear float glass th=6mm with screen printing-transmission LT>90%.
- Seals in EDPM closed cell rubber, UV- resist. Tx -40/+150°C.
- Integrated passive heatsink in aluminum alloy for extrusion.
- Internal and external screws in A2 Stainless Steel
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

STANDARD COLOURS





—

CEILING RECESSED

—

PLATHO 125C



PLATHO 125C

PLATHO 200C



PLATHO 200C

PLATHO-C

LINKED PRODUCTS



PLATHO GROUND RECESSED
Pag. 298

Augenti



CEILING RECESSED

PLATHO C



APPLICATION



Recessed ceiling fixture equipped with secondary optics for different light distributions, useful for grazing illumination of facades and architectural elements, or with etched glass for diffused distribution combined with glare control. Dali dimmable on request with extra charge.

CEILING RECESSED

PLATHO 125C



Installation:
Ceiling recessed

LED COB SYSTEM WITH EXTERNAL DRIVER

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
4050C/WC0.XX.99	792 lm	648 lm	3000	80	10W - 220-240Vac 50/60Hz	II	1
4050C/NC0.XX.99	855 lm	700 lm	4000	80	10W - 220-240Vac 50/60Hz	II	1
4051C/WC0.XX.99	792 lm	648 lm	3000	80	10W - 220-240Vac 50/60Hz	II	1
4051C/NC0.XX.99	855 lm	700 lm	4000	80	10W - 220-240Vac 50/60Hz	II	1

Beam
XX=NB (Spot 15°)
XX=WB (Wide Flood 36°)

Direct Emission
Silk-Screen Clear Glass

Dali dimmable on request
with extra charge

- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable version available on request
- The device is supplied with a 300mm long cable (3x1mm²)
- Flush-mounted box available on request
- **The driver comes standard as a separate IP20 component. IP66 version available on request**
- **IP68 connector available on request**



LED SYSTEM WITH EXTERNAL DRIVER

NEW VERSION

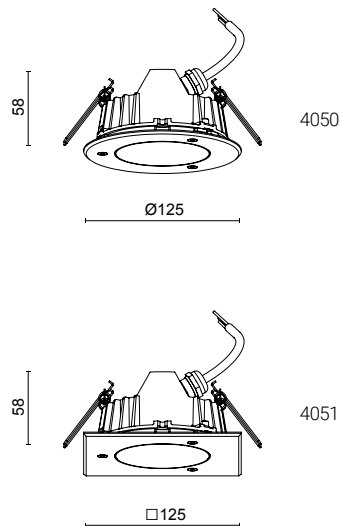
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
4050C/WC0.VO.99	792 lm	80 lm	3000	80	10W - 220-240Vac 50/60Hz	II	1
4050C/NC0.VO.99	855 lm	90 lm	4000	80	10W - 220-240Vac 50/60Hz	II	1
4051C/WC0.VO.99	792 lm	80 lm	3000	80	10W - 220-240Vac 50/60Hz	II	1
4051C/NC0.VO.99	855 lm	90 lm	4000	80	10W - 220-240Vac 50/60Hz	II	1

Beam
>100°

Diffuse Emission
Opal Glass

Dali dimmable on request
with extra charge

DIMENSIONS



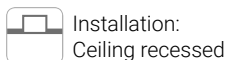
FRAME

99
STAINLESS STEEL AISI316L

CEILING RECESSED

PLATHO 200C

SPECIFICATIONS



- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver
- The device is supplied with a 300mm long cable (3x1mm²)
- **IP68 connector available on request**
- **SPP polypropylene built-in box available on request**



LED SYSTEM WITH BUILT-IN DRIVER

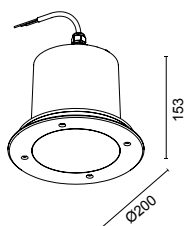
COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
4250C/WC2.XX.99	2170 lm	1870 lm	3000	80	18W - 220-240Vac 50/60Hz	I	1
4250C/NC2.XX.99	2300 lm	1983 lm	4000	80	18W - 220-240Vac 50/60Hz	I	1
4251C/WC2.XX.99	2170 lm	1870 lm	3000	80	18W - 220-240Vac 50/60Hz	I	1
4251C/NC2.XX.99	2300 lm	1983 lm	4000	80	18W - 220-240Vac 50/60Hz	I	1

Beam
 XX=NB (Spot 14°)
 XX=MB (Flood 32°)
 XX=WB (Wide Flood 44°)

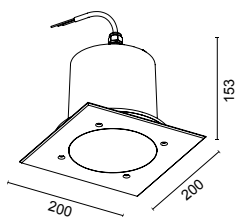
Direct Emission
 Silk-Screen Clear Glass

Dali dimmable on request
 with extra charge

DIMENSIONS



4250



4251



LED ARRAY SYSTEM WITH BUILT-IN DRIVER

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
4250C/WR50XX.99	1690 lm	1216 lm	3000	80	14W - 220-240Vac 50/60Hz	I	4
4250C/NR50XX.99	1780 lm	1280 lm	4000	80	14W - 220-240Vac 50/60Hz	I	4
4251C/WR50XX.99	1690 lm	1216 lm	3000	80	14W - 220-240Vac 50/60Hz	I	4
4251C/NR50XX.99	1780 lm	1280 lm	4000	80	14W - 220-240Vac 50/60Hz	I	4

Beam
 XX=NB (Spot 20°)
 XX=MB (Flood 32°)
 XX=WB (Wide Flood 50°)

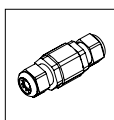
Direct Emission
 Silk-Screen Clear Glass

Dali dimmable on request
 with extra charge

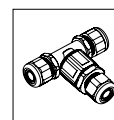
FRAME



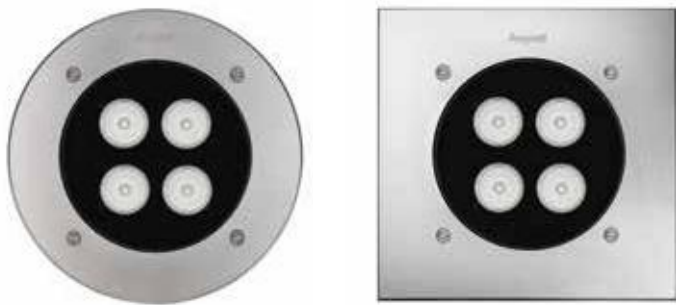
ACCESSORIES



MOR683P/2V
 IP68 2ways/3poles connector.
 Maximum section 3x2.5mm



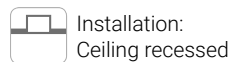
MOR683P/3V
 IP68 3ways/3poles branch
 connector. Maximum section
 3x2.5mm



CEILING RECESSED

PLATHO 200C

SPECIFICATIONS




Installation:

Ceiling recessed

RGBW LED ARRAY SYSTEM WITH REMOTE DRIVER 24Vdc

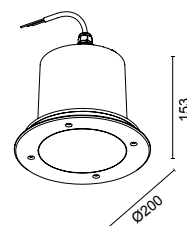
COD.	Source Flux	Fixture Flux	CCT-CRI	Power	CL	LED
4250C/RCRCXX.99	1768 lm	1516 lm	RGBW	18W 24Vdc 4ch RGBW	III	4
4251C/RCRCXX.99	1768 lm	1516 lm	RGBW	18W 24Vdc 4ch RGBW	III	4

 Beam
 XX=NB (Spot 10°)
 XX=MB (Flood 25°)
 XX=WB (Wide Flood 40°)

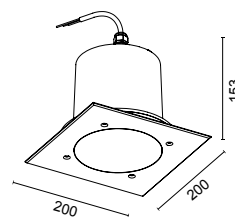
 Direct Emission
 Silk-Screen Clear Glass

- The rated flux values refer to source LED at Ts85°C / ta25°C
- The data in the table refer to the configuration with all channels on (100%)
- The total power of the system depends on the number and type of devices envisaged. Depending on the project, it may be necessary to use "n" single power supply devices.
- **IP68 connector available on request**
- **SPP polypropylene built-in box available on request**
- **The remote driver must be ordered separately**
- **Controller DMX remoto/ACCESSORIES sono da ordinare a parte**
- **Connecting cables with plugs must be ordered separately and configured according to the project**

DIMENSIONS

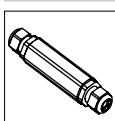


4250

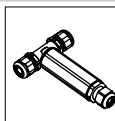


4251

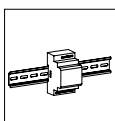
RGBW ACCESSORIES



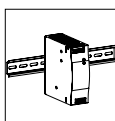
MOR686P/2V
 IP68 2ways/3poles connector.
 Maximum section 6x2.5mm



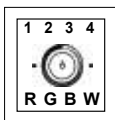
MOR686P/3V
 IP68 3ways/3poles branch connector. Maximum section 6x2.5mm



E.CEN.001
 Remote controller Dali/DMX BUS
 Remote 4ch 12/24Vdc on DIN rail



Remote Driver 24V
E.TRA.570 120W 24Vdc IP20
E.TRA.569 240W 24Vdc IP20
E.TRA.568 480W 24Vdc IP20



E.CNT.001
 Remote control touch keyboard
 4ch RGBW 100-240V

FRAME



99

STAINLESS STEEL AISI316L

CEILING RECESSED

PLATHO

MATERIALS

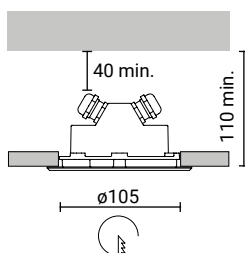
- Built-in box: UV stabilized PP loaded polypropylene GWT750 cat.V2
- Frame: Satined stainless steel AISI316L
- Body: Die-cast aluminum alloy.
- Ring: Die-cast aluminum alloy.
- Screen: Transparent/temperate Float Glass Th. 8mm (CODE 4050/4051) - 15mm (CODE 4250/4251)
- Optics: 99.85 satin anodized aluminum
- Seals: In molded silicone rubber
- Screws: AISI316L steel
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.
- Wiring: Electronic or Electromagnetic, both incorporated and external
- Can be installed on Normally Flammable surfaces
- Luminaire Conforms to EN60598-1 Standard and special requirements

MATERIALS

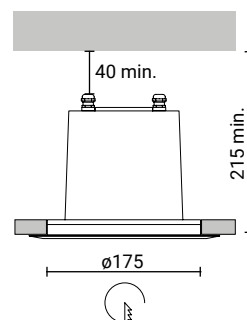
- Outer casing in Loaded Polypropylene (PP)30% GWT750 UV Resist.
- Body / Ring in Aluminum Alloy for Die Casting
- Round / Square Mask in 3mm Stainless Steel AISI316L
- Extra-clear float glass th=8-15mm with serigraphy (trasm. LTF>90%) or etched (trasm. LTF>40%).
- Glass gasket in silicone rubber – Tx -50/+250°C UV resist.
- Passive heat sink in extrusion aluminium alloy.
- Internal and external screws in A2 Stainless Steel
- M16 IP68 brass cable gland
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

ASSEMBLY

4050C/4051C



4250C/4251C



INDOOR CEILING RECESSED

PLATHO





BRIGHT STONES

STONE



APPLICATION



The luminous stones hide a perfectly functional LED source inside, but invisible from the outside. The effect is similar to that of optical fiber and the brightness filters through the surface as if it were translucent to diffuse into the environment. The luminous stones are made using a particular polymeric compound capable of reproducing the surface of the flooring

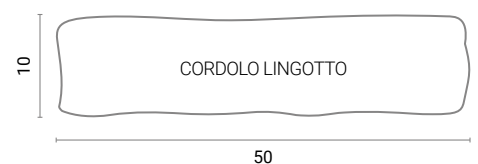
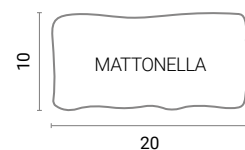
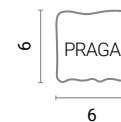
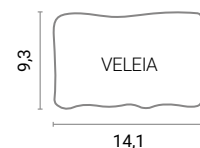
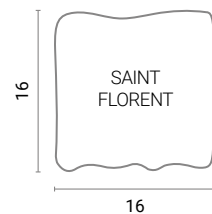
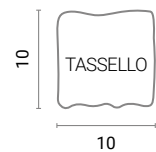
STONE

SPECIFICATIONS



- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Dimmable version available on request only with remote driver
- The device is supplied with a long cable 1m 2x0.5mm²
- **IP68 connector available on request**
- **Walkable for pedestrian paths. (Max load 500Kg) and driveways (Max load 5000Kg)**

DIMENSIONS



TASSELLO LED PL.00.1



SAINT FLORENT LED PL.00.2



VELEIA LED PL.00.3



PRAGA LED PL.00.4



MATTONELLA LED PL.00.5

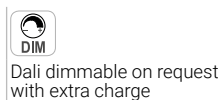
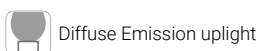


CORDOLO LINGOTTO LED PL.00.6



SINGLE STONE WITH 12V REMOTE DRIVER

COD.	Model	System	CRI	Power	Kg
PL.00.1	TASSELLO LED 100x100x60 Tumbled single layer Colors: Cotto	140 lm	70	3W 220-240Vac 50/60Hz	0.82
PL.00.2	SAINT FLORENT LED 160x160x60 Double layer impression Colors: Jasper green / Luserna	140 lm	70	9W 220-240Vac 50/60Hz	1.90
PL.00.3	VELEIA LED 93x141x60 Tumbled single layer Colors: Mustard	140 lm	70	7.5W 220-240Vac 50/60Hz	0.87
PL.00.4	PRAGA LED 60x60x60 Tumbled single layer Colors: Ice flamed	140 lm	70	3W 220-240Vac 50/60Hz	0.35
PL.00.5	MATTONELLA LED 200x100x60 Tumbled single layer Colors: Cotto	140 lm	70	12W 220-240Vac 50/60Hz	2.00
PL.00.6	CORDOLO LINGOTTO 500x100x100 Monolayer Colors: White	140 lm	70	25W 220-240Vac 50/60Hz	8.00



POETARI

SPECIFICATIONS



Installation:
Ground recessed

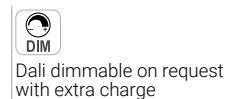
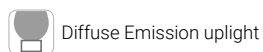
- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Dimmable version available on request only with remote driver
- The device is supplied with a long cable 1m 2x0.5mm²
- **IP68 connector available on request**
- **Walkable for pedestrian paths. (Max load 500Kg) and driveways (Max load 5000Kg)**
- **Available in different formats of letters and numbers**

POETARI LED PL.00.7

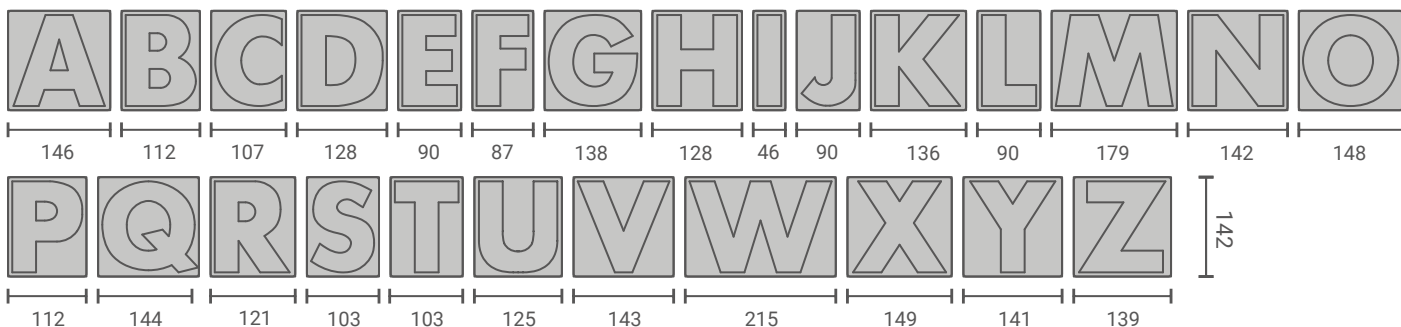


SINGLE STONE WITH 12V REMOTE DRIVER

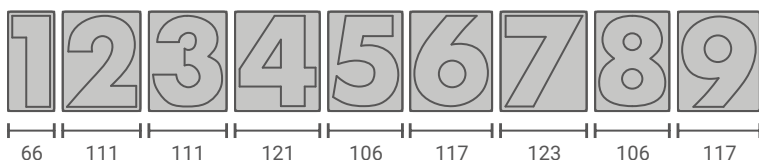
COD.	Model	System	CRI	Power	Kg
PL.00.7	POETARI LED H=70 Monolayer Colors: White	60 lm	70	3W 220-240Vac 50/60Hz	0.78



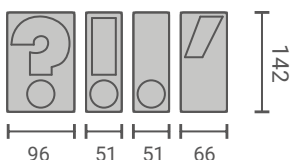
LETTERS



NUMBERS



PUNCTUATION



BRIGHT STONES

POETARI



SAFETY CROSSING

SPECIFICATIONS



Installation:
Ground recessed

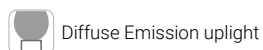
- The rated flux values refer to source LED at $T_s 85^{\circ}\text{C} / t_a 25^{\circ}\text{C}$
- The Power/Flux in the table refer to maximum installable value
- Dimmable version available on request only with remote driver
- The device is supplied with a long cable 1m $2 \times 0.5 \text{mm}^2$
- **IP68 connector available on request**
- **Walkable for pedestrian paths. (Max load 500Kg) and driveways (Max load 5000Kg)**
- **The installation of the product is foreseen fixed with glue, mortar, sand or, to facilitate any maintenance operations, it is possible to use a stainless steel formwork. (On request)**

SAFETY CROSSING LED



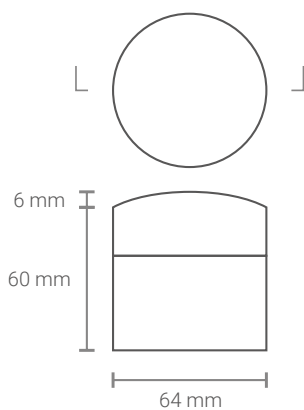
SINGLE STONE WITH 12V REMOTE DRIVER

COD.	Model	System	CRI	Power	Kg
PL.00.8	SAFETY CROSSING LED $\varnothing 64 \times 66$ Smooth convex White color	30 lm	70	1W 220-240Vac 50/60Hz	0.30

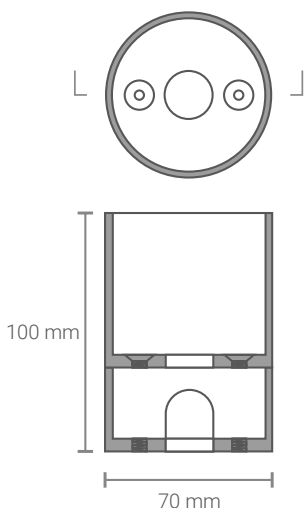


Dali dimmable on request with extra charge

DIMENSIONS

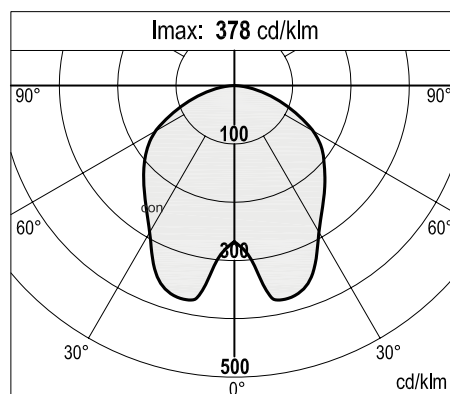


SAFETY CROSSING LED



STEEL FRAME FOR BUILT-IN

PHOTOMETRICS DATA



106° 1W		
LUX	h(m)	Ø(m)
32	0,5	1,3
8	1	2,7
3,6	1,5	4,0
2	2	5,4

BRIGHT STONES

SAFETY CROSSING





OPTIC FIBERS



APPLICATION



System consisting of a basic illuminator, embellished with a geometric or floral design, where the individual fiber tubes, both rigid and flexible, can be housed. Their arrangement on the base is designed in such a way as to simulate the shrubs existing in nature, so as to make these systems easily insertable within natural environments, without being visually intrusive. The tubes are designed with a mix of external diffusing PVC part, with low luminance, and an internal core in side emitting optical fiber, useful for transporting photons both at the tip and on the side walls, creating a pleasant light effect without any disturbance or glare.

The IP68 protected base is completely independent and contains the illuminators on which to insert the various FIBERS. Power is provided remotely via CV 24V driver or in RGBW mode.

BASE

SPECIFICATIONS



Installation:
Floor



FLOWER BASE - LED motor with 24Vdc remote driver

COD.	Model	CCT	Power
HED1/H	7 Light points	2700 K	15W 220-240Vac 50/60Hz Output 24V
HED1/RGBW	7 Light points	RGBW	15W 220-240Vac 50/60Hz Output 24V



Diffuse Emission

Remote Driver (Not Included) Output 24V
DMX Controller (Not included)
Box in stainless steel AISI304



TRIANGLE BASE - LED motor with 24Vdc remote driver

COD.	Model	CCT	Power
HED2/H	7 Light points	2700 K	15W 220-240Vac 50/60Hz Output 24V
HED2/RGBW	7 Light points	RGBW	15W 220-240Vac 50/60Hz Output 24V



Diffuse Emission

Remote Driver (Not Included) Output 24V
DMX Controller (Not included)
Box in stainless steel AISI304



RECTANGLE BASE - LED motor with 24Vdc remote driver

COD.	Model	CCT	Power
HED3/H	12 Light points	2700 K	25W 220-240Vac 50/60Hz Output 24V
HED3/RGBW	12 Light points	RGBW	25W 220-240Vac 50/60Hz Output 24V

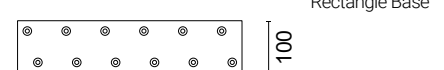
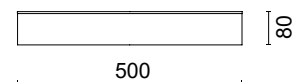
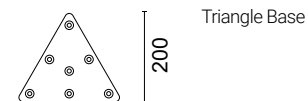
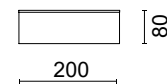
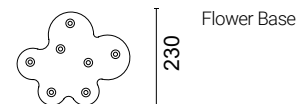
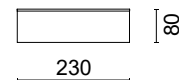


Diffuse Emission

Remote Driver (Not Included) Output 24V
DMX Controller (Not included)
Box in stainless steel AISI304

- The power reported refers to the maximum installable value
- Lower powers are available on request only for version with remote driver
- **RGBW DEVICE**
- The data in the table refer to the configuration with all channels on (100%)
- The remote driver must be ordered separately
- **Remote DMX controller/Accessories are to be ordered separately**
- **Connecting cables with plugs are ordered separately and configured for the project**
- **The total power depends on the number and type of devices envisaged. Depending on the project, it may be necessary to use "n" single power supply devices.**
- **IP68 box available only on request**

DIMENSIONS



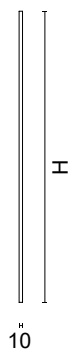
STANDARD COLOURS



01
BLACK
RAL 9005

FIBER

DIMENSIONS



Hard Stick



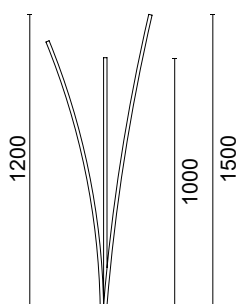
HARD STICK - HARD PVC + OPTICAL FIBERS

COD.

- HARD.STICK.1200
- HARD.STICK.1500
- HARD.STICK.1800

Emission

- H=1200mm - Diffuse Emission
- H=1500mm - Diffuse Emission
- H=1800mm - Diffuse Emission



Stick Flex



STICK FLEX - 3pz PVC FLESSIBILE + FIBER OTTICHE

COD.

- STICK FLEX

Emission

- H=1x1500mm + 1x1200mm + 1x1000mm - Diffuse Emission

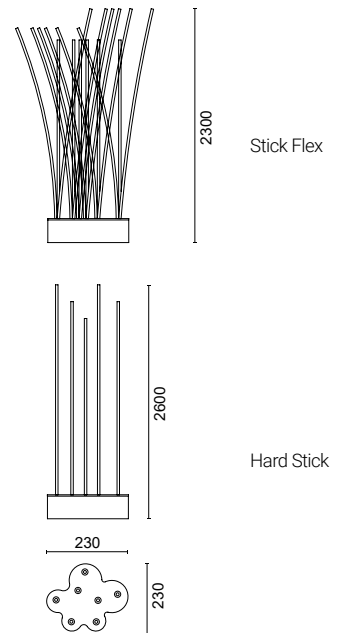
FLOWER BASE

SPECIFICATIONS



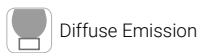
- The power reported refers to the maximum installable value
- Lower powers are available on request only for version with remote driver
- **RGBW DEVICE**
- The data in the table refer to the configuration with all channels on (100%)
- The remote driver must be ordered separately
- **Remote DMX controller/Accessories are to be ordered separately**
- **Connecting cables with plugs are ordered separately and configured for the project**
- **The total power depends on the number and type of devices envisaged. Depending on the project, it may be necessary to use "n" single power supply devices.**
- **IP68 box available only on request**

DIMENSIONS



FLOWER BASE WITH FLEX STICKS

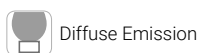
COD.	LED	CCT	Power
HED1/HFRC10.01	HED1/H+7 Stick Flex	2700 K	15W 220-240Vac 50/60Hz Output 24V
HED1/RCRC10.01	HED1/RGBW+7 Stick Flex	RGBW	15W 220-240Vac 50/60Hz Output 24V



Remote Driver (Not Included) Output 24V
DMX Controller (Not included)
Box in stainless steel AISI304

FLOWER BASE WITH HARD STICKS

COD.	LED	CCT	Power
HED1/HFRC20.01	HED1/H+7 Hard Stick	2700 K	15W 220-240Vac 50/60Hz Output 24V
HED1/RCRC20.01	HED1/RGBW+7 Hard Stick	RGBW	15W 220-240Vac 50/60Hz Output 24V



Remote Driver (Not Included) Output 24V
DMX Controller (Not included)
Box in stainless steel AISI304

Sticks 3 x 1800mm
3 x 1500mm
1 x 1200mm

STANDARD COLOURS



01
BLACK
RAL 9005

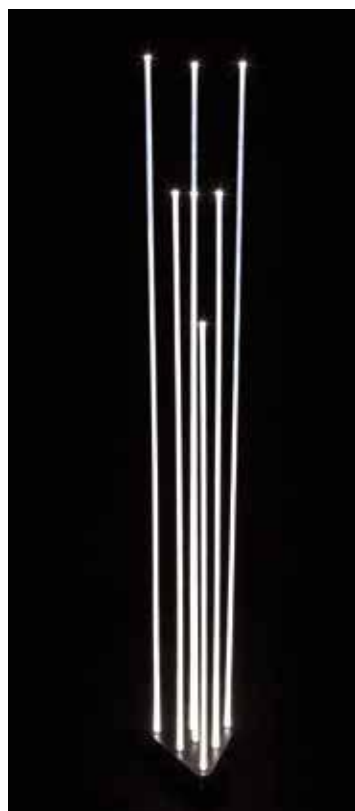
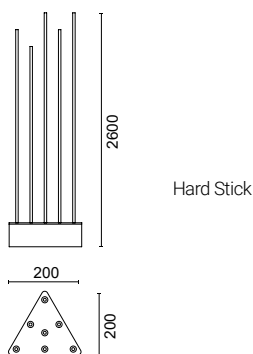
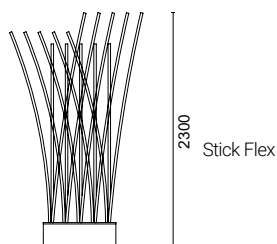
TRIANGLE BASE

SPECIFICATIONS



- The power reported refers to the maximum installable value
- Lower powers are available on request only for version with remote driver
- **RGBW DEVICE**
- The data in the table refer to the configuration with all channels on (100%)
- The remote driver must be ordered separately
- **Remote DMX controller/Accessories are to be ordered separately**
- **Connecting cables with plugs are ordered separately and configured for the project**
- **The total power depends on the number and type of devices envisaged. Depending on the project, it may be necessary to use "n" single power supply devices.**
- **IP68 box available only on request**

DIMENSIONS



TRIANGLE BASE WITH FLEX STICKS

COD.	LED	CCT	Power
HED2/HFRC10.01	HED2/H+7 Stick Flex	2700 K	15W 220-240Vac 50/60Hz Output 24V
HED2/RCRC10.01	HED2/RGBW+7 Stick Flex	RGBW	15W 220-240Vac 50/60Hz Output 24V



Diffuse Emission

Remote Driver (Not Included) Output 24V
DMX Controller (Not included)
Box in stainless steel AISI304

TRIANGLE BASE WITH HARD STICKS

COD.	LED	CCT	Power
HED2/HFRC20.01	HED2/H+7 Hard Stick	2700 K	15W 220-240Vac 50/60Hz Output 24V
HED2/RCRC20.01	HED2/RGBW+7 Hard Stick	RGBW	15W 220-240Vac 50/60Hz Output 24V



Diffuse Emission

Remote Driver (Not Included) Output 24V
DMX Controller (Not included)
Box in stainless steel AISI304

Sticks 3 x 1800mm
3 x 1500mm
1 x 1200mm

STANDARD COLOURS



01
BLACK
RAL 9005

RECTANGLE BASE

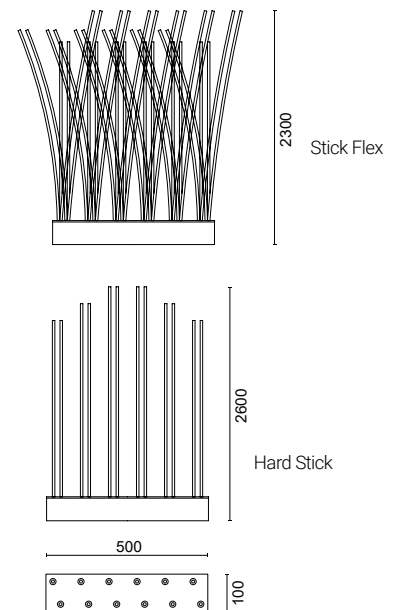
SPECIFICATIONS



Installation:
Floor

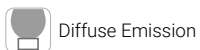
- The power reported refers to the maximum installable value
- Lower powers are available on request only for version with remote driver
- **RGBW DEVICE**
- The data in the table refer to the configuration with all channels on (100%)
- The remote driver must be ordered separately
- **Remote DMX controller/Accessories are to be ordered separately**
- **Connecting cables with plugs are ordered separately and configured for the project**
- **The total power depends on the number and type of devices envisaged. Depending on the project, it may be necessary to use "n" single power supply devices.**
- **IP68 box available only on request**

DIMENSIONS



RECTANGLE BASE WITH FLEX STICKS

COD.	LED	CCT	Power
HED3/HFRC10.01	HED3/H+12 Stick Flex	2700 K	15W 220-240Vac 50/60Hz Output 24V
HED3/RCRC10.01	HED3/RGBW+12 Stick Flex	RGBW	15W 220-240Vac 50/60Hz Output 24V

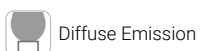


Diffuse Emission

Remote Driver (Not Included) Output 24V
DMX Controller (Not included)
Box in stainless steel AISI304

RECTANGLE BASE WITH HARD STICKS

COD.	LED	CCT	Power
HED3/HFRC20.01	HED3/H+12 Hard Stick	2700 K	15W 220-240Vac 50/60Hz Output 24V
HED3/RCRC20.01	HED3/RGBW+12 Hard Stick	RGBW	15W 220-240Vac 50/60Hz Output 24V



Diffuse Emission

Remote Driver (Not Included) Output 24V
DMX Controller (Not included)
Box in stainless steel AISI304

Sticks 4 x 1800mm
4 x 1500mm
4 x 1200mm

STANDARD COLOURS



01
BLACK
RAL 9005



FAMILIES

ABILIS	208	LYNX	364	PINUP	92
ALTAIR ROUND / SQUARE	150, 156	MATRIX FLOODLIGHT	180	PLATHO 125C CEILING	484
ANTARES ROUND / SQUARE	96, 100	MATRIX MINI FLOODLIGHT	176	PLATHO 200C CEILING	486
ANTARES-R ROUND / SQUARE	231	MATRIX RECESSED	282	PLATHO125 / 145 RECESSED	300, 302
BRIGHT STONES	491	MATRIX MINI RECESSED	278	PLATHO200 HIGHT	305
CLIO RECESSED	316	MAXIMA / MAXIMA ONE POST	406, 408	PLATHO200 LOW	303
CLIO WALL	138	MAXIMA ONE URBAN	458	PLATHO260	306
CLIO WALL RECESSED	272	MERIDIAN / MERIDIAN PLUS	40	PLATHO-X	326
FIBER OPTICS	499	MERIDIAN 2.0 / 2.1 / 2.2	26	QUADRA WALL	68
GEMINI	234	MICRON	256	QUADRA WALL RECESSED	250
GEO 180 / 280 / 380	102	MINI PARKER	318	RECTA / RECTA MAXI	238
GINEVRA	62	MINUS WALL	126	SCUDO / SCUDO MAXI	120
GIULIA	58	MINUS POST	412	SILURETTO	358
HELIOS	116	MODO CEILING	144	SILURO	452
ISOTTA	50	MODO FLOODLIGHT	170	SQUARE WALL RECESSED	244
KUBO6-B / KUBO12-B	194, 198	MODO POST	338	SQUARE POST	386
KUBO6-S / KUBO12-S	188, 190	MODO WALL	20	SUN	392
KUBO6 / KUBO12 RECESSED	290, 294	MOON	420	TECNO	54
KUBO12 URBAN	446	NOVA	398	TRIM1 / TRIM2 / TRIM2-S	440
LETTERA WALL	46	OMEGA	262	TWIN / TWIN MINI	110
LETTERA POST	370	OPTIKA	88	UP&DOWN CEILING	160
LIGHTHOUSE	416	ORION D POST	350	UP&DOWN-Q CEILING	164
LUCY RECESSED	310	ORION D URBAN	434	UP&DOWN WALL	76
LUCY WALL	132	ORION ONE POST	344	UP&DOWN-Q WALL	144
LUCY WALL RECESSED	268	ORION ONE URBAN	428	UP&DOWN-Q POST	382
LUNOS FLOODLIGHT	218	ORION TL POST	350	UP&DOWN URBAN	468
LUNOS MAXI FLOODLIGHT	222	ORION TL URBAN	438	VEGA	202
LUNOS MINI FLOODLIGHT	214	ORION WOOD POST	348	VELA	462
LUNOS POST	376	ORION WOOD URBAN	423		
LUNOS MAXI URBAN	474	PARKER	332		

CODES

092-325-NR10	361	209-...LD3	57	316-...LD3	455	365W0/NR2.X3	130
092-325-WR10	361	209-...LD4	57	316-...LD4	455	365W0/WR2.X3	130
092-335-NR10	361	210-...LDx3	80	316-...OLD3	455	375F0/NR8.XX	408
092-335-WR10	361	210-...LDx4	80	316-...OLD4	455	375F0/WR8.XX	408
121F3 /NR50XX	449	211-...LDx3	80	317-...LD3	455	375F1/NR8.XX	461
121F3 /WR50XX	449	211-...LDx4	80	317-...LD4	455	375F1/WR8.XX	461
121F3/NC35XX	449	255F0/NR2.PR	413	317-...OLD3	455	375F2/NR8.XX	461
121F3/WC35XX	449	255F0/WR2.PR	413	317-...OLD4	455	375F2/WR8.XX	461
121F4 /NR50XX	449	255F1/NR2.PR	413	318-...LD3	455	375F3/NR8.XX	461
121F4 /WR50XX	449	255F1/WR2.PR	413	318-...LD4	455	375F3/WR8.XX	461
121F4/NC35XX	449	255F2/NR2.PR	413	318-...OLD3	455	385F0/NR8.XX	407
121F4/WC35XX	449	255F2/WR2.PR	413	318-...OLD4	455	385F0/WR8.XX	407
122F3 /NR50XX	449	255W0/NR2.PR	129	319-...LD3	455	385F1/NR8.XX	407
122F3 /WR50XX	449	255W0/WR2.PR	129	319-...LD4	455	385F1/WR8.XX	407
122F3/NC35XX	449	265F0/NR2.X3	413	319-...OLD3	455	385F2/NR8.XX	407
122F3/WC35XX	449	265F0/WR2.X3	413	319-...OLD4	455	385F2/WR8.XX	407
122F4 /NR50XX	449	265F1/NR2.X3	413	327-...LD3	419	385F3/NR8.XX	407
122F4 /WR50XX	449	265F1/WR2.X3	413	327-...LD4	419	385F3/WR8.XX	407
122F4/NC35XX	449	265F2/NR2.X3	413	328-...LD3	419	400F0/NR9.PT	401
122F4/WC35XX	449	265F2/WR2.X3	413	328-...LD4	419	400F0/WR9.PT	401
123F3 /NR50XX	449	265W0/NR2.X3	129	329-...LD3	419	400F1/NR9.PT	401
123F3 /WR50XX	449	265W0/WR2.X3	129	329-...LD4	419	400F1/WR9.PT	401
123F3/NC35XX	449	290F0/NR3.PR	389	355F0/NR2.PR	414	400F2/NR9.PT	401
123F3/WC35XX	449	290F0/WR3.PR	389	355F0/WR2.PR	414	400F2/WR9.PT	401
123F4 /NR50XX	449	290F1/NR3.PR	389	355F1/NR2.PR	414	410F0/NR8.XX	402
123F4 /WR50XX	449	290F1/WR3.PR	389	355F1/WR2.PR	414	410F0/WR8.XX	402
123F4/NC35XX	449	295F0/NR3.PR	390	355F2/NR2.PR	414	410F1/NR8.XX	402
123F4/WC35XX	449	295F0/WR3.PR	390	355F2/WR2.PR	414	410F1/WR8.XX	402
124F3 /NR50XX	449	295F1/NR3.PR	390	355W0/NR2.PR	130	410F2/NR8.XX	402
124F3 /WR50XX	449	295F1/WR3.PR	390	355W0/WR2.PR	130	410F2/WR8.XX	402
124F3/NC35XX	449	309-...LD3	57	365F0/NR2.X3	414	434F2/NR35PO	433
124F3/WC35XX	449	309-...LD4	57	365F0/WR2.X3	414	434F2/WR35PO	433
124F4 /NR50XX	449	315-...LD3	455	365F1/NR2.X3	414	444F1/NR50PO	349
124F4 /WR50XX	449	315-...LD4	455	365F1/WR2.X3	414	444F1/WR50PO	349
124F4/NC35XX	449	315-...OLD3	455	365F2/NR2.X3	414	451F0/NR50PO	345
124F4/WC35XX	449	315-...OLD4	455	365F2/WR2.X3	414	451F0/WR50PO	345

451F1/NR50PO	345	484F0/NR35PO	355	601F2/NP70XX	339	611W1/WP70BB	173
451F1/WR50PO	345	484F0/WR35PO	355	601F2/WP70XX	339	611W1/WP70XX	173
452F0/NR50PO	345	484F1/NR35PO	355	601S1/NP70xx	147	760F3/NP70.XX	443
452F0/WR50PO	345	484F1/WR35PO	355	601S1/WP70xx	147	760F3/WP70.XX	443
452F1/NR50PO	345	491F0/NR50PO	429	601W1/NP70XX	23	760F4/NP70.XX	443
452F1/WR50PO	345	491F0/WR50PO	429	601W1/WP70XX	23	760F4/WP70.XX	443
454F0/NR50PO	346	491F2/NR24PO	439	602F1/NP70XX	339	760F5/NP70.XX	443
454F0/WR50PO	346	491F2/WR24PO	439	602F1/WP70XX	339	760F5/WP70.XX	443
454F1/NR50PO	346	491F4/NR50PO	429	602F2/NP70XX	339	761F3/NP70.XX	443
454F1/WR50PO	346	491F4/WR50PO	429	602F2/WP70XX	339	761F3/WP70.XX	443
464F1/NR50PO	346	492F0/NR50PO	429	602W1/NP70XX	23	761F4/NP70.XX	443
464F1/WR50PO	346	492F0/WR50PO	429	602W1/WP70XX	23	761F4/WP70.XX	443
470F0/NC4.VS	373	492F2/NR24PO	439	603F1/NP70BB	340	761F5/NP70.XX	443
470F0/WC4.VS	373	492F2/WR24PO	439	603F1/NP70XX	340	761F5/WP70.XX	443
470F1/NC4.VS	373	492F4/NR50PO	429	603F1/WP70BB	340	762F5/NP70.XX	443
470F1/WC4.VS	373	492F4/WR50PO	429	603F1/WP70XX	340	762F5/WP70.XX	443
471F0/NC4.VS	374	494F0/NR35PO	429	603F2/NP70BB	340	770F4/NP70.XX	444
471F0/WC4.VS	374	494F0/WR35PO	429	603F2/NP70XX	340	770F4/WP70.XX	444
471F1/NC4.VS	374	494F2/NR24PO	439	603F2/WP70BB	340	770F5/NP70.XX	444
471F1/WC4.VS	374	494F2/WR24PO	439	603F2/WP70XX	340	770F5/WP70.XX	444
474F0/NR50PO	355	494F4/NR35PO	429	603W1/NP70AB	23	771F4/NP70.XX	444
474F0/WR50PO	355	494F4/WR35PO	429	603W1/NP70BB	23	771F4/WP70.XX	444
474F1/NR50PO	355	527-...LDX3	211	603W1/WP70AB	23	771F5/NP70.XX	444
474F1/WR50PO	355	527-...LDX4	211	603W1/WP70BB	23	771F5/WP70.XX	444
475F0/NR35PT	367	528-...LDX3	211	604F1/NP70BB	340	772F5/NP70.XX	444
475F0/WR35PT	367	528-...LDX4	211	604F1/NP70XX	340	772F5/WP70.XX	444
475F1/NR35PT	367	560F1/NR35VS	351	604F1/WP70BB	340	960F0/NC3.XX	379
475F1/WR35PT	367	560F1/WR35VS	351	604F1/WP70XX	340	960F0/NP4.XX	379
475F2/NR35PT	367	560F2/NR35VS	351	604F2/NP70BB	340	960F0/RGB.XX	380
475F2/WR35PT	367	560F2/WR35VS	351	604F2/NP70XX	340	960F0/WC3.XX	379
481F0/NR35PO	353	570F2/NC50EW	435	604F2/WP70BB	340	960F0/WP4.XX	379
481F0/WR35PO	353	570F2/WC50EW	435	604F2/WP70XX	340	960F2/NC3.XX	379
481F1/NR35PO	353	570F4/NC50EW	435	610W1/NP70BB	173	960F2/NP4.XX	379
481F1/WR35PO	353	570F4/WC50EW	435	610W1/NP70XX	173	960F2/RGB.XX	380
482F0/NR35PO	353	601C1/NP70xx	147	610W1/WP70BB	173	960F2/WC3.XX	379
482F0/WR35PO	353	601C1/WP70XX	147	610W1/WP70XX	173	960F2/WP4.XX	379
482F1/NR35PO	353	601F1/NP70XX	339	611W1/NP70BB	173	981F1/NC0.XX	385
482F1/WR35PO	353	601F1/WP70XX	339	611W1/NP70XX	173	981F1/WC0.XX	385

1000C/NR1.VS	71	1081R/NR1.VS.99	317	2113P/NR50XX	192	2802P/WP50.XX	183
1000C/WR1.VS	71	1081R/WR1.VS.99	317	2113P/RCRCXX	193	2802P/WR50VS	183
1000R/NR1.VS.99	253	2106P/NCACXX	195	2113P/WC35xx	191	2802R/NP50.XX.99	285
1000R/WR1.VS.99	253	2106P/NCRCXX	195	2113P/WR50XX	192	2802R/NR50VS.99	285
1001C/NR1.VS	71	2106P/WCACXX	195	2113W/NC35xx	191	2802R/RCRC.XX.99	286
1001C/WR1.VS	71	2106P/WCRCXX	195	2113W/NR50XX	192	2802R/WP50.XX.99	285
1002C/NR2.VS	72	2106R/NCAC.XX.99	291	2113W/RCRCXX	193	2802R/WR50VS.99	285
1002C/WR2.VS	72	2106R/NCRC.XX.99	291	2113W/WC35xx	191	2803P/NP50.XX	183
1002R/NR2.VS.99	253	2106R/WCAC.XX.99	291	2113W/WR50XX	192	2803P/NR50VS	183
1002R/WR2.VS.99	253	2106R/WCRC.XX.99	291	2700P/NC35.XX	205	2803P/RCRC.XX	184
1003W/NR2.VS	72	2106W/NCAC.XX	195	2700P/RCRC.XX	206	2803P/WP50.XX	183
1003W/WR2.VS	72	2106W/NCRC.XX	195	2700P/WC35.XX	205	2803P/WR50VS	183
1004R/NR2.VT.99	254	2106W/WCAC.XX	195	2700W/NC35.XX	205	2803R/NP50.XX.99	285
1004R/WR2.VT.99	254	2106W/WCRC.XX	195	2700W/RCRC.XX	206	2803R/NR50VS.99	285
1004W/NR2.VT	72	2107P/NCACXX	189	2700W/WC35.XX	205	2803R/RCRC.XX.99	286
1004W/WR2.VT	72	2107P/NCRCXX	189	2800P/NP50.XX	183	2803R/WP50.XX.99	285
1005C/NR6.VS	73	2107P/WCACXX	189	2800P/NR50VS	183	2803R/WR50VS.99	285
1005C/WR6.VS	73	2107P/WCRCXX	189	2800P/RCRC.XX	184	2811P/NPRCXX	179
1006W/NR6.VS	73	2107W/NCACXX	189	2800P/WP50.XX	183	2811P/NRRCVS	179
1006W/WR6.VS	73	2107W/NCRCXX	189	2800P/WR50VS	183	2811P/WPRCXX	179
1050W/NR1.VS.99	135	2107W/WCACXX	189	2800R/NP50.XX.99	285	2811P/WRRCVS	179
1050W/WR1.VS.99	135	2107W/WCRCXX	189	2800R/NR50VS.99	285	2811R/NPRCXX	281
1051W/NR1.VS	135	2112P/NC35XX	199	2800R/RCRC.XX.99	286	2811R/NRRCVS	281
1051W/WR1.VS	135	2112P/NR50XX	199	2800R/WP50.XX.99	285	2811R/WPRCXX	281
1052W/NR1.VS	136	2112P/RCRCXX	200	2800R/WR50VS.99	285	2811R/WRRCVS	281
1052W/WR1.VS	136	2112P/WC35XX	199	2801P/NP50.XX	183	2812P/NPRCXX	179
1060R/NR1.VS.99	271	2112P/WR50XX	199	2801P/NR50VS	183	2812P/NRRCVS	179
1060R/WR1.VS.99	271	2112R/NC35XX.99	295	2801P/RCRC.XX	184	2812P/WPRCXX	179
1061R/NR1.VS.99	313	2112R/NR50XX.99	295	2801P/WP50.XX	183	2812P/WRRCVS	179
1061R/WR1.VS.99	313	2112R/RCRCXX.99	296	2801P/WR50VS	183	2812R/NPRCXX	281
1062R/NR1.VS.99	271	2112R/WC35XX.99	295	2801R/NP50.XX.99	285	2812R/NRRCVS	281
1062R/WR1.VS.99	271	2112R/WR50XX.99	295	2801R/NR50VS.99	285	2812R/WPRCXX	281
1063R/NR1.VS.99	313	2112W/NC35.XX	199	2801R/RCRC.XX.99	286	2812R/WRRCVS	281
1063R/WR1.VS.99	313	2112W/NR50.XX	199	2801R/WP50.XX.99	285	2813P/NPRCXX	179
1070W/NR1.VS	141	2112W/RCRC.XX	200	2801R/WR50VS.99	285	2813P/NRRCVS	179
1070W/WR1.VS	141	2112W/WC35.XX	199	2802P/NP50.XX	183	2813P/WPRCXX	179
1080R/NR1.VS.99	275	2112W/WR50.XX	199	2802P/NR50VS	183	2813P/WRRCVS	179
1080R/WR1.VS.99	275	2113P/NC35xx	191	2802P/RCRC.XX	184	2813R/NPRCXX	281

2813R/NRRCVS	281	4250C/NR50XX.99	486	4460R/WC90XX.99	306	4901R/WP24.XX.99	329
2813R/WPRCXX	281	4250C/RCRCXX.99	487	4461A/NC90VT.99	306	4905R/NR24VS.99	330
2813R/WRRCVS	281	4250C/WC2.XX.99	486	4461A/WC90VT.99	306	4905R/WR24VS.99	330
2900R/NR3.PR	247	4250C/WR50XX.99	486	4461R /NR60XX.99	307	4906R/NP24.XX.99	330
2900R/WR3.PR	247	4250R/NC2.XX.99	303	4461R /WR60XX.99	307	4906R/WP24.XX.99	330
2950R/NR3.PR	248	4250R/NR50XX.99	303	4461R/NC90XX.99	306	4907R/NR24.XX.99	330
2950R/WR3.PR	248	4250R/RCRCXX.99	304	4461R/WC90XX.99	306	4907R/WR24.XX.99	330
4030R/NR2.V0	321	4250R/WC2.XX.99	303	4500W/NR4.XX	43	4909R/NP24.XX.99	331
4030R/NR2.V2	321	4250R/WR50XX.99	303	4500W/WR4.XX	43	4909R/WP24.XX.99	331
4030R/WR2.V0	321	4251A/NC2.VT.99	303	4550W/NC4.VS	44	4910R/NP24.V1.99	331
4030R/WR2.V2	321	4251A/WC2.VT.99	303	4550W/WC4.VS	44	4910R/NP24.V2.99	331
4050C/NC0.VO.99	485	4251C/NC2.XX.99	486	4560W/NC4.VS	44	4910R/NP24.V3.99	331
4050C/NC0.XX.99	485	4251C/NR50XX.99	486	4560W/WC4.VS	44	4910R/WP24.V1.99	331
4050C/WC0.VO.99	485	4251C/RCRCXX.99	487	4570W/NR35VS	29	4910R/WP24.V2.99	331
4050C/WC0.XX.99	485	4251C/WC2.XX.99	486	4570W/NRACVS	29	4910R/WP24.V3.99	331
4050R/NC0.VO.99	301	4251C/WR50XX.99	486	4570W/WR35VS	29	4913R/NP24.XX.99	332
4050R/NC0.XX.99	301	4251R/NC2.XX.99	303	4570W/WRACVS	29	4913R/WP24.XX.99	332
4050R/WC0.VO.99	301	4251R/NR50XX.99	303	4571W/NR35VS	33	6300W/NC3.XX	123
4050R/WC0.XX.99	301	4251R/RCRCXX.99	304	4571W/NRACVS	33	6300W/WC3.XX	123
4051C/NC0.VO.99	485	4251R/WC2.XX.99	303	4571W/WR35VS	33	6301W/NC3.XX	123
4051C/NC0.XX.99	485	4251R/WR50XX.99	303	4571W/WRACVS	33	6301W/WC3.XX	123
4051C/WC0.VO.99	485	4350A/NC2.VT.99	305	4572W/NR35VS	37	6350W/NC3.PS	124
4051C/WC0.XX.99	485	4350A/WC2.VT.99	305	4572W/NRACVS	37	6350W/WC3.PS	124
4051R/NC0.VO.99	301	4350R/NC2.XX.99	305	4572W/WR35VS	37	7000W/NC4.V0	95
4051R/NC0.XX.99	301	4350R/NR50XX.99	305	4572W/WRACVS	37	7000W/NC4.V1	95
4051R/WC0.VO.99	301	4350R/WC2.XX.99	305	4605R/NR3.VS	325	7000W/WC4.V0	95
4051R/WC0.XX.99	301	4350R/WR50XX.99	305	4605R/WR3.VS	325	7000W/WC4.V1	95
4150R/NC0.VO.99	302	4351A/NC2.VT.99	305	4607R/NR3.V0	325	7100W/NC2.XX	91
4150R/NC0.XX.99	302	4351A/WC2.VT.99	305	4607R/NR3.V1	325	7100W/NR3.V0	91
4150R/WC0.VO.99	302	4351R/NC2.XX.99	305	4607R/NR3.V3	325	7100W/NR3.V2	91
4150R/WC0.XX.99	302	4351R/NR50XX.99	305	4607R/WR3.V0	325	7100W/WC2.XX	91
4151R/NC0.VO.99	302	4351R/WC2.XX.99	305	4607R/WR3.V1	325	7100W/WR3.V0	91
4151R/NC0.XX.99	302	4351R/WR50XX.99	305	4607R/WR3.V3	325	7100W/WR3.V2	91
4151R/WC0.VO.99	302	4460A/NC90VT.99	306	4700W/NC4.VS	49	7450W/NC3.XX	82
4151R/WC0.XX.99	302	4460A/WC90VT.99	306	4700W/WC4.VS	49	7450W/WC3.XX	82
4250A/NC2.VT.99	303	4460R /NR60XX.99	307	4900R/NP24.XX.99	329	7451C/NC3.XX	163
4250A/WC2.VT.99	303	4460R /WR60XX.99	307	4900R/WP24.XX.99	329	7451C/WC3.XX	163
4250C/NC2.XX.99	486	4460R/NC90XX.99	306	4901R/NP24.XX.99	329	7451F/NC3.XX	471

7451F/WC3.XX	471	8400C/WRACVO	153	9210R/WR1.VS.99	259	9701F/WP4.XX	478
7451W/NC3.XX	82	8401C/NRACVO	153	9220R/NR1.VS	260	9710F/NC50XX	477
7451W/WC3.XX	82	8401C/WRACVO	153	9220R/WR1.VS	260	9710F/WC50XX	477
7452F/NC3.XX	471	8402C/NE35VO	154	9230R/NR1.VS	260	9710W/NC50XX	223
7452F/WC3.XX	471	8402C/NR35VO	154	9230R/WR1.VS	260	9710W/WC50XX	223
7500W/NC3.XX	81	8402C/WE35VO	154	9300R/NC3.VS	237	9711F/NC50.XX	478
7500W/WC3.XX	81	8402C/WR35VO	154	9300R/WC3.VS	237	9711F/WC50.XX	478
7501C/NC3.XX	163	8410C/NRACVO	157	9400R/NC3.VS	242	9800W/NR3.V2	65
7501C/WC3.XX	163	8410C/WRACVO	157	9400R/WC3.VS	242	9800W/NR3.V3	65
7501W/NC3.XX	81	8411C/NRACVO	157	9450R/NC3.VS	241	9800W/NR3.V4	65
7501W/WC3.XX	81	8411C/WRACVO	157	9450R/WC3.VS	241	9800W/NR3.V5	65
7550W/NC0.XX	79	8412C/NE35VO	158	9500R/NC3.VS	242	9800W/WR3.V2	65
7550W/WC0.XX	79	8412C/NR35VO	158	9500R/WC3.VS	242	9800W/WR3.V3	65
7551C/NC0.XX	163	8412C/WE35VO	158	9550R/NC3.VS	241	9800W/WR3.V4	65
7551C/WC0.XX	163	8412C/WR35VO	158	9550R/WC3.VS	241	9800W/WR3.V5	65
7551W/NC0.XX	79	8420R/NR50VT	231	9600P/NC3.XX	219	9801W/NR3.V0	65
7551W/WC0.XX	79	8420R/WR50VT	231	9600P/NP4.XX	219	9801W/NR3.V1	65
8000C/NR3.XX	114	8420W/NR35VT	99	9600P/RGB.XX	220	9801W/NR3.V5	65
8000C/WR3.XX	114	8420W/WR35VT	99	9600P/WC3.XX	219	9801W/WR3.V0	65
8001C/NR3.XX	114	8430R/NR50VT	231	9600P/WP4.XX	219	9801W/WR3.V1	65
8001C/WR3.XX	114	8430R/WR50VT	231	9600W/NC3.XX	219	9801W/WR3.V5	65
8100C/NC3.XX	113	8430W/NR35VT	100	9600W/NP4.XX	219	9810W/NC0.XX	85
8100C/WC3.XX	113	8430W/WR35VT	100	9600W/RGB.XX	220	9810W/WC0.XX	85
8101C/NC3.XX	113	9000F/NC5.NB	465	9600W/WC3.XX	219	9812W/NC0.XX	85
8101C/WC3.XX	113	9000F/WC5.NB	465	9600W/WP4.XX	219	9812W/WC0.XX	85
8200C/NR4.PO	108	9000H/NC5.NB	465	9650P/NC0.XX	215	9814C/NC0.XX	165
8200C/WR4.PO	108	9000H/WC5.NB	465	9650P/NCA.XX	215	9814C/WC0.XX	165
8210C/NC3.PO	106	9110C/NR1.VS.99	265	9650P/WC0.XX	215	9850W/NR4.V5	53
8210C/WC3.PO	106	9110C/WR1.VS.99	265	9650P/WCA.XX	215	9850W/WR4.V5	53
8211C/NC3.PO	107	9110R/NR1.VS.99	265	9650W/NC0.XX	215	9851W/NR4.V5	53
8211C/WC3.PO	107	9110R/WR1.VS.99	265	9650W/NCA.XX	215	9851W/WR4.V5	53
8220C/NR1.PO	105	9120R/NR1.VS	266	9650W/WC0.XX	215	9900W/NC4.V5	61
8220C/WR1.PO	105	9120R/WR1.VS	266	9650W/WCA.XX	215	9900W/NR4.V5	61
8300C/NR3.PO	119	9130R/NR1.VS	266	9700F/NP4.XX	477	9900W/WC4.V5	61
8300C/WR3.PO	119	9130R/WR1.VS	266	9700F/WP4.XX	477	9900W/WR4.V5	61
8301C/NR3.PO	119	9210C/NR1.VS.99	259	9700W/NP4.XX	223	9901W/NC4.V5	61
8301C/WR3.PO	119	9210C/WR1.VS.99	259	9700W/WP4.XX	223	9901W/NR4.V5	61
8400C/NRACVO	153	9210R/NR1.VS.99	259	9701F/NP4.XX	478	9901W/WC4.V5	61

NOTE

9901W/WR4.VS	61	SP04H/NP90XX	423
9950F/NRACVS	395	SP04H/WP90XX	423
9950F/WRACVS	395	SP07H/NP10XX	423
9951F/NRACVS	395	SP07H/WP10XX	423
9951F/WRACVS	395	SP10H/NP90XX	423
HARD.STICK.1200	502	SP10H/WP90XX	423
HARD.STICK.1500	502	STICK FLEX	502
HARD.STICK.1800	502		
HED1/H	501		
HED1/HFRC10.01	503		
HED1/HFRC20.01	503		
HED1/RCRC10.01	503		
HED1/RCRC20.01	503		
HED1/RGBW	501		
HED2/H	501		
HED2/HFRC10.01	504		
HED2/HFRC20.01	504		
HED2/RCRC10.01	504		
HED2/RCRC20.01	504		
HED2/RGBW	501		
HED3/H	501		
HED3/HFRC10.01	505		
HED3/HFRC20.01	505		
HED3/RCRC10.01	505		
HED3/RCRC20.01	505		
HED3/RGBW	501		
PL.00.1	493		
PL.00.2	493		
PL.00.3	493		
PL.00.4	493		
PL.00.5	493		
PL.00.6	493		
PL.00.7	494		
PL.00.8	496		
SG15H/NP50XX	423		
SG15H/WP50XX	423		
SG20H/NP55XX	423		
SG20H/WP55XX	423		

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