

OUTDOOR

MARTINI
L I G H T



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SPOTLIGHTS



Stralis Spotlight
28



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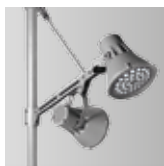
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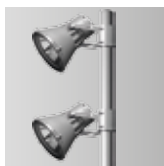
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Aveline
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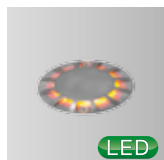


Osio Pil LED
124



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RECESSED WALK-OVER



Walkie LED
142



Walkie Talkie 65
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148



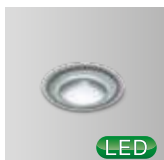
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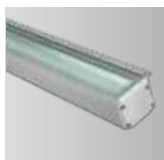
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Osio
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Porfido
184



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RECESSED DRIVE-OVER



Walkie Car 160
202



Walkie Car 160 LED
202



Walkie Car 230/300
208



Walkie Car 230/300
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208

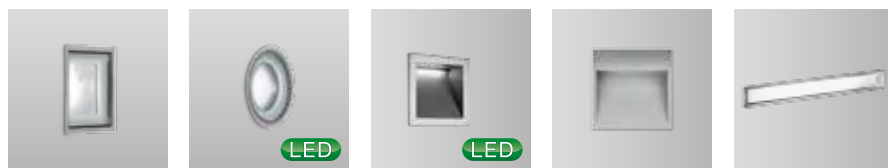


Piana
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WALL RECESSED



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WALL-MOUNTED FIXTURES

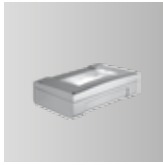


Stralis Spotlight 28 Fix 300 Zen 304 Lean 390 Stilis 398 Bell 424 Naxos 444



Sea 458 Novi Palo 518 Pila 316 Inoxa 370 Bicubo 318 Slim 326 Pilo 308

WALL-MOUNTED FIXTURES



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Lars
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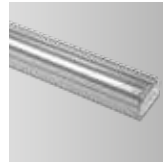
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Osio Pii
124



Osio Pii LED
124

WALL-MOUNTED FIXTURES WITH LIGHTING EFFECTS



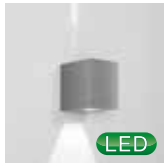
Giulius
338



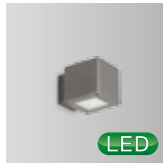
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Edo
342



Edo LED
342



Drop
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Grisi
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Stripled Tube
362

CEILING FIXTURES



Ego
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Pilo Up
314



Pila
316



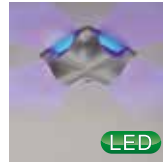
Walkie Talkie
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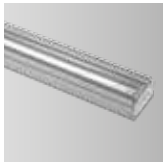
Walkie Talkie LED
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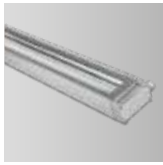
Inoxa
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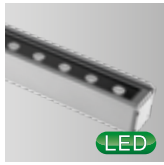
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Osio Pii
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Osio Pii LED
124

PENDANT FIXTURES



Ego
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Novi 380/450/620
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URBAN FIXTURES



Lean
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Stilis
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Demi
410



Bell
424



Twin 4
440



Naxos
444



Sea
458



Hono
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Acuto
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Squadra/Bilico
508



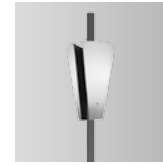
Nod
512



Nod LED
512



Novi Palo
518



Almira
526



Moove Palo
532



Pali
540

THE 5 AREAS OF APPLICATIONS

Today we can no longer speak simply of lighting fixtures, but we have to talk about tools designed for spaces where living, working and loving. The context, the score, the script dictate

the products origin rules. In every nuance of human life these bright objects engrave their character, marking with their light the everyday experiences.



RETAIL



HOSPITALITY



Luminaires for retail.



Luminaires for hotels and resorts, indoor and outdoor applications.



RESIDENTIAL



OFFICE



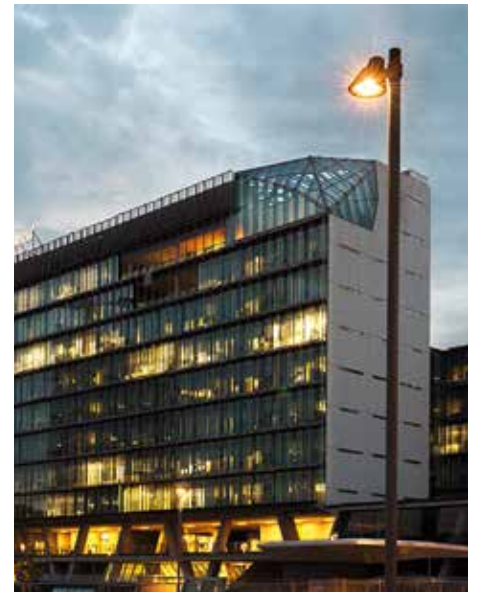
URBAN



Luminaires for indoor and outdoor residential applications.



Luminaires for offices.



Luminaires for public spaces and major works.



HOSPITALITY



RESIDENTIAL



URBAN



Lux 98
34



Lux 98 LED
34



Lux 180/260
41



Lux 180/260 LED
41



Lux 350/400 LED
54



Walkie Eco
152



Walkie Eco RGB
152



Walkie Talkie
156



Walkie Talkie
50/90/150 LED
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Porfido
184



Piana LED
218



Minitotem
246



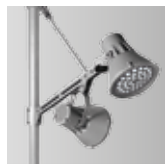
Minitotem LED
246



Totem
252



Totem LED
252



Twin 1-2-3
70



Aveline
112



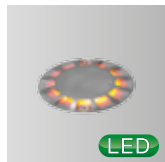
Aton
118



Osio Pil
124



Osio Pil LED
124



Walkie LED
142



Walkie Talkie 65
LED
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Brikko
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Sasso
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Walkie Car 160
202



Walkie Car 160 LED
202



Walkie Car 230/300
208



Walkie Car 230/300
LED
208



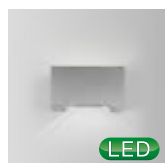
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Ood
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Giulius
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Giulius LED
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Edo
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Edo LED
342



Striped Tube
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HOSPITALITY

RESIDENTIAL



Stralis Proiettore
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Roof LED
224



Set IP65
236



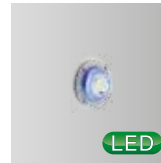
Perla IP65
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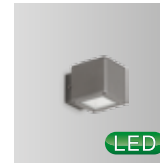
Moon
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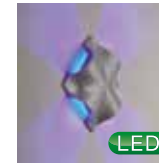
Lucylle
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Fix
300



Drop
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Grisi
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Ego
292



RESIDENTIAL



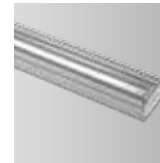
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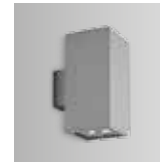
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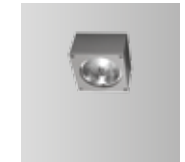
Zen
304



Pilo
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Pilo Up
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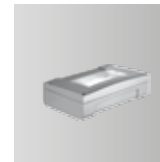
Pila
316



Bicubo
318



Slim
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Wally
330



Lars
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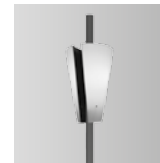
Inoxa
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Nod LED
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Martini S.p.A. has a policy of constant product research and development. We therefore reserve the right to remove products from the catalogue or to modify any parts, details or finishes considered necessary to the improvement of the technical performance or appearance of a product, or in response to construction-related or commercial requirements. These changes may be made at any time and without notice. The layouts and colours shown in the photographs are for illustrative purposes only.

LIGHT SOURCES

- INC incandescent lamps
- AL halogen lamps
- FL fluorescent lamps
- MH metal halide lamps
- SHP high-pressure sodium lamps
- SHP-E high-pressure sodium lamps
- LEDs Light Emitting Diodes

code composition example



- AD fixture with analogue dimmer 1-10 V
- 88 fixture with analogue dimmer 1-10 V
- DD fixture with DALI dimmer
- EM fixture with 1-hour continuous emergency service

NOTE: Fixtures in the catalogue are supplied without lamps unless otherwise stated.

COLOR CODES

- | | | |
|-------------------------|---------------------------------|--------------------------|
| 00 standard | 33 aquamarine green | 68 grey |
| 01 chrome | 38 extra-light grey | 73 white mother-of-pearl |
| 02 gold plated | 40 white | 74 black mother-of-pearl |
| 05 chalk white | 47 blue | 78 opal blue |
| 11 satin-finish white | 48 green | 79 corten finishing |
| 15 bronze | 49 red | 82 satin-finish grey |
| 20 metallic | 50 yellow | 83 copper coating |
| 21 anodised | 58 nickel | 86 anthracite grey |
| 27 black | 61 white mother-of-pearl/nickel | 96 acid-treated glass |
| 29 red | 64 nickel nickel/black | 98 transparent glass |
| 32 embossed-effect grey | 65 black nickel | |

CLASSIFICATION

fixture classification in accordance with electrical insulation class.



class I with functional electrical insulation and connected to the earth circuit of the electrical system.



class II with double insulation and/or reinforced insulation which does not require earthing.



class III designed for connection to low-voltage power supply circuits.

fixture classification in accordance with the flammability class of the support surfaces.



the fixture can be installed on normally inflammable surfaces.



the fixture is suitable for installation in furniture.

The lighting fixture protection degree is indicated by the prefix IP (International Protection) followed by two significant figures, the first of which identifies the degree of protection against the penetration of solids and the second against the penetration of liquids (ref: EN 60529).

The prefix IK indicates the fixture's degree of protection against mechanical knocks in accordance with EN 50102.

IP PROTECTION DEGREE

FIRST DIGIT	DESCRIPTION
2_	Fixture tested against the penetration of solids with a diameter greater than 12 mm
3_	Fixture tested against the penetration of solids with a diameter greater than 2.5 mm
4_	Fixture tested against the penetration of solids with a diameter greater than 1 mm
5_	Fixture protected against dust
6_	Fixture completely protected against dust

SECOND DIGIT	DESCRIPTION
_0	Not protected
_1	Fixture protected against dripping
_3	Fixture protected against rain
_4	Fixture protected against spraying liquid
_5	Fixture protected against jets of water
_6	Fixture protected against pressurised jets of water
_7	Fixture watertight when immersed
_8	Fixture watertight when submerged

for example: IP65

NOTE: IP68 fixture only suitable for installation where continuous immersion is accidental, and at a maximum depth of 1.3 m.

IK PROTECTION DEGREE

DEGREE OF PROTECTION AGAINST KNOCKS	DESCRIPTION
IK00	not protected
IK01	protected against a knock with energy of 0.15 J
IK02	protected against a knock with energy of 0.2 J
IK03	protected against a knock with energy of 0.35 J
IK04	protected against a knock with energy of 0.5 J
IK05	protected against a knock with energy of 0.7 J
IK06	protected against a knock with energy of 1 J
IK07	protected against a knock with energy of 2 J
IK08	protected against a knock with energy of 5 J
IK09	protected against a knock with energy of 10 J
IK10	protected against a knock with energy of 20 J

STANDARDS AND CERTIFICATION

Lighting fixtures are designed in accordance with ISO EN 9001-2008 quality procedures, and constructed in compliance with EN 60598-1 European standards. CE-marked products satisfy all applicable EC directive requirements and guarantee the product can be sold freely in all countries belonging to the European Community.

Production technologies and the environment

MARTINI designs, develops, engineers and manufactures all products in the catalogue in its own offices and plants, while displaying special care and attentiveness towards the environment coupled with sensible, logical behaviour and investments. The products are manufactured in the production plant located in the province of Modena, thereby enabling us to optimise materials procurement and production processes. Raw material purchases are grouped and scheduled so as to optimise and reduce road transport. Our coating plants implement water-based paint that ensures a 90% reduction in the use of solvents, for guaranteeing a healthier environment. The entire production cycle that leads



















to the finished product takes place in-house, which reduces the need for road transport as opposed to the use of multiple external suppliers. Our awareness has led us to join GBC Italia (Green Building Council Italy), where we share common goals regarding responsible and sustainable architecture and receive important inputs from shared experiences. Because improvement is always attainable. Moreover, we believe that in order to promote a sustainable building culture based on energy-efficient buildings with limited environmental impact, we not only need highly performing fixtures but also low-impact production processes that safeguard the environment. Consequently, this helps to promote awareness to design in a

broad sense that involves the entire production cycle of the lighting fixture from the initial idea to the fixture's conversion as recycled material, or its decommissioning.



















ITALIAN GREEN BUILDING COUNCIL CERTIFICATE



SPECIFIC SYMBOLS USED

 minimum distance 0.5 metres	 minimum distance 0.8 metres	 max. surface area exposed to wind (m ²) 0,082 m ²	 static load 5000 Kg
 RGB	 round recess hole size (mm)	 square recess hole size (mm)	 37mm linear plasterboard cut
 integrated electromagnetic control gear	 integrated electronic control gear	 integrated electronic control gear dimmer	 D.A.L.I. dimmer
 1-hour continuous emergency service	 pre-ignition with support lamp	 wall-mounted with indirect emission	 wall-mounted with direct emission
 ceiling-mounted fixture	 Fixture complies with standard UNI 10819 "Light and lighting - outdoor lighting systems - requirements for limiting upward dispersion of the luminous flux"		

EMISSION CHARACTERISTICS

 general light	 direct/indirect light	 direct/indirect light	 direct/indirect light
 indirect light	 asymmetrical optic	 wallwasher optic (WW)	
 super spot optic (SS)	 spot optic (S)	 medium optic (M)	 flood optic (F)
 wide flood optic (WF)	 elliptical optic (E)		
 asymmetrical optic	 symmetrical optic	 rotosymmetric optic	 street lighting optic
 sidewalk optic			



Martini's roots go back as far as 1925, when the father of today's Chairman first founded Martini Timoteo, from which in 1971 Martini S.p.A. then originated. For years, the company expresses itself through light, speaking a contemporary indoor and outdoor architecture and design language. A universal language that knows no boundaries and which stands out for its international flavour.

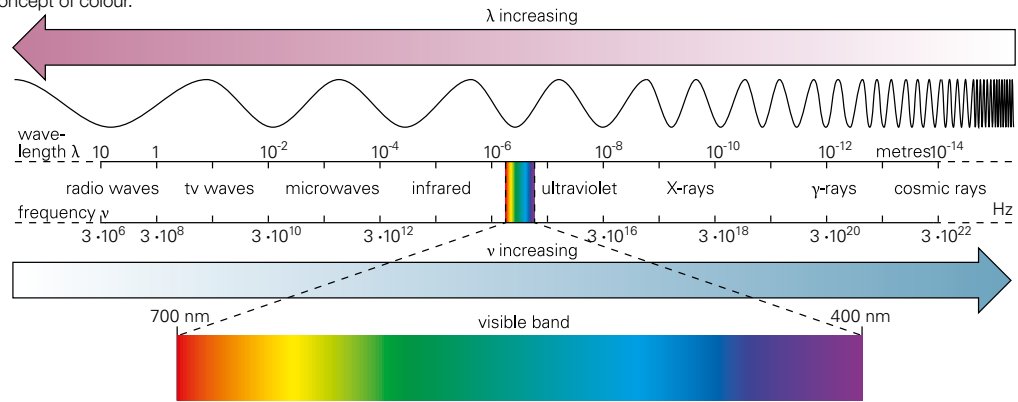
Thanks to the competence acquired and the extremely high level of research, the company is able to accompany the client through all stages of a lighting project: from its design through to its development, recommending the right products for each environment and developing projects the world over.

As from 2013, the new Company Mission is to search for the quality of light and to improve the contexts in which man lives and moves. Martini S.p.A. seeks to design new environments through light, placing man at the top, with his needs for customisation and his innermost desires. The company today has become specialised in 5 essential market segments that embrace the daily lives of each of us: retail, hospitality, residential, office and urban. Our shops, hotels, homes, offices and urban contexts.

Martini S.p.A. also looks towards new contexts and new frontiers in the world of lighting, presenting a series of new products for the decorating industry at EuroLuce 2013, and a revolution LED product, the HD Retina.



Light
 Light is electromagnetic radiant energy that can be seen by the human eye, characterised by wavelength λ and frequency ν , linked by the formula: $c = \lambda \nu$ where c is the speed of light in a vacuum (300,000 km/sec).
 The set of familiar radiated waves is represented in the electromagnetic spectrum in the figure. Each wavelength for light radiation which falls within the visible interval (380nm - 780nm) has a different corresponding visual sensation, which is associated with the concept of colour.



Colour temperature
 Unit of measurement degrees Kelvin [K]
 "Colour temperature" is the temperature of a black body emitting light of that colour; for example, the sun has an emission spectrum which is very similar to that of a black body with a temperature of 5780 K.

Colour tone
 Standards specify three groups of light sources in terms of the colour temperature associated with the emitted radiation: warm white < 3300 K, neutral white 3300K - 5300K and cold white > 5300K.

Colour rendering R_a
 The ability of a light source to render the colours of the illuminated objects without alterations being necessary. It is expressed by an index R_a which varies between 0 and 100. The greater the R_a of a lamp, the more effectively it allows observers to see true colours.

Colour rendering R_a	Colour rendering group
91 - 100	1A
81 - 90	1B
61 - 80	2
41 - 60	3
21 - 40	4

Luminous intensity I
 Unit of measurement Candela [cd]
 Luminous intensity (in a specific direction) is the flux emitted per unit solid angle ω in the specified direction.

Luminous flux ϕ
 Unit of measurement Lumen [lm]
 The amount of light energy (visible to the human eye) emitted in a given unit of time by a light source within a solid angle ω .

Illuminance E
 Unit of measurement Lux [lx]
 Illuminance is the relationship between the luminous flux emitted and the illuminated surface. The illuminance produced by a luminous flux of a lumen meeting a surface area of 1 m² equals 1 Lux.

Luminous efficiency η
 Unit of measurement [lm/W]
 Luminous efficiency is the ratio of luminous flux to electrical power absorbed.

Luminance L
 Unit of measurement [cd/m²]
 Luminance describes the relationship between the intensity emitted by a luminous surface in the direction of observation and the area of the right-angled projection of this surface on the axis at a right angle to that direction.

Glare
 Glare is a condition where, due to the effect of very high luminances or extreme differences in luminances, visual perception becomes difficult or a sense of discomfort arises.

Light pollution

Definition:

this term may be applied to every form of artificial light radiation dispersed outside the areas for which it was designed, especially if directed just above the line of the horizon.

Problems connected to light pollution: The night sky is obscured due to the upward dispersion of artificial light. Poor quality lighting of towns, roads, public squares, monuments, etc.

Lighting not required or requested by local residents (e.g. bedrooms subject to the infiltration of street lighting).

Various problems arise in the life cycles of flora and fauna. Some species face extinction.

The following advantages, however, can be achieved without the dispersal of light into the sky: improved visual comfort and increased safety in traffic-heavy areas. Utilising natural resources as efficiently as possible, whenever and wherever necessary.

Saving: energy, natural resources and money (up to 40% of the amount spent on public lighting services). Respecting the environment we live in.

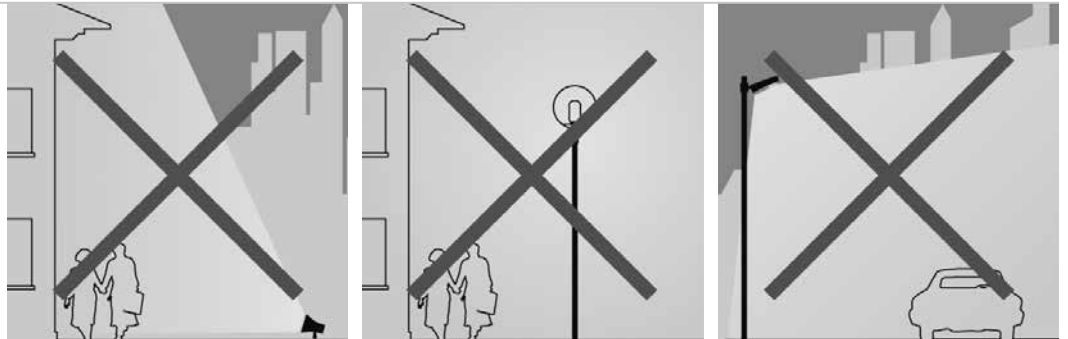
These are the reasons why Martini S.p.A. has been working for some time to design and manufacture lighting fixtures which respect the environment while guaranteeing visual comfort.

The route taken by the company is not restricted to simply designing lighting fixtures which are compliant with legislation, but extends all the way to checking the installation process has been performed correctly, in order to obtain true and authoritative feedback from the designers and installers.

The variety of products marketed by Martini S.p.A. up to this point has paved the way for the quicker and more efficient selection of a lighting fixture which meets all your lighting requirements and complies with current national legislation relating to light pollution and energy saving.



Examples of incorrect installation

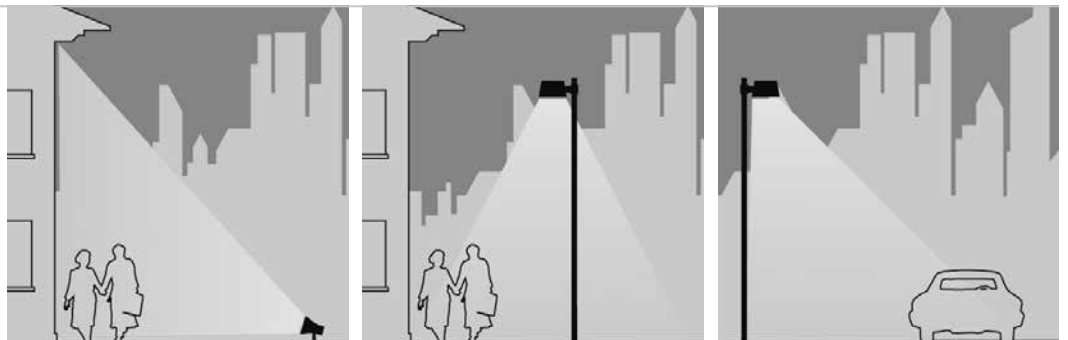


Light is dispersed towards the sky due to the excessive inclination of the appliance. The visor accessory eliminates this problem and makes installation from below possible in historically or culturally significant buildings.

Non cut-off lighting fixtures disperse the luminous flux towards the sky and disturb the inhabitants of nearby residential areas.

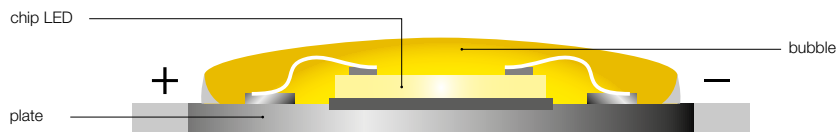
The selection of more efficient street lighting fixtures limits the wattages used and reduces direct glare.

Examples of correct installation



LED technology

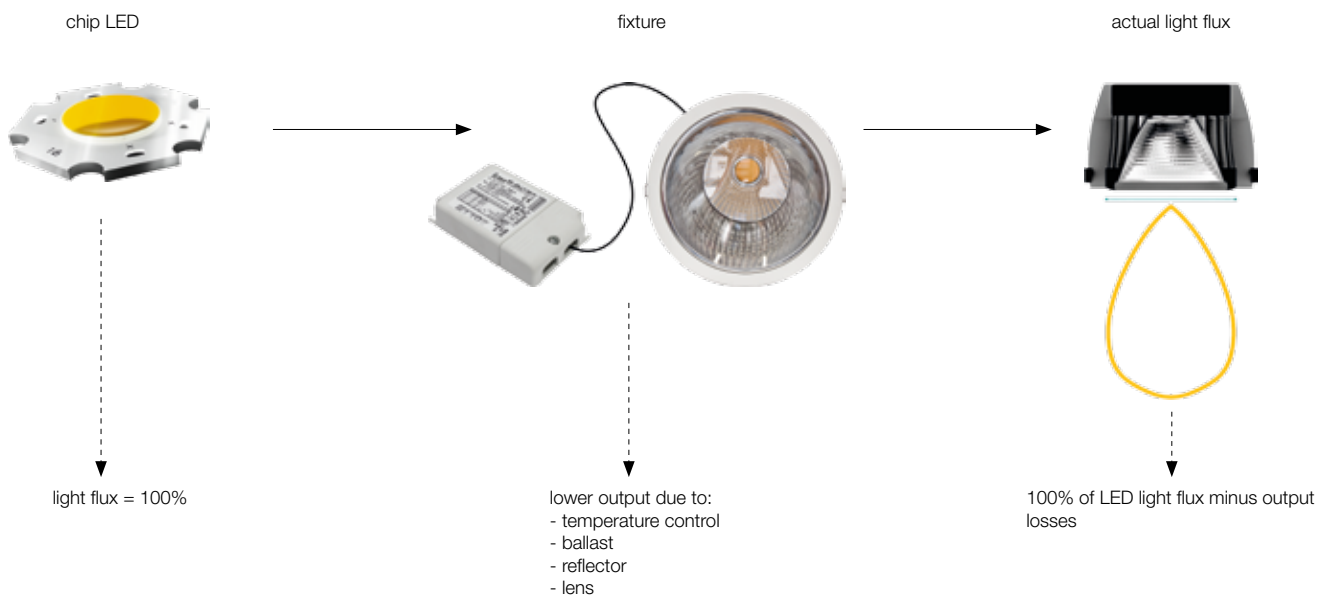
LED is the acronym of Light Emitting Diode and is a type of semi-conductor, i.e. a material that lets electricity pass in a higher or lower amount according to the technical characteristics of the material itself. LEDs are created with a low-conductivity material that is doped in order to change the internal balance between positive and negative charges. When the semi-conductor material is doped, the atom is more unstable and the energy surplus is released as photons. Practically speaking, LEDs convert electrical energy into luminous energy. By changing to an unstable situation represented by the junction, high overheating is generated in this area and therefore the junction temperature (T_j) is a crucial parameter for the correct management and operation of LEDs. It should not be confused with the T_c value, which is the temperature measured in a specific point of the LED plate. For this reason, when designing a lighting installation, it is very important to comply with the temperature values provided by the manufacturer in order to deliver the best light flux and extend the life of the fixture. Considering that the market offers many types of LEDs with very different technical features and given the fact that just a few comparison standards are available, we will try to explain our reference parameters.



The market offers many types of LEDs with different characteristics and at the same time the comparison standards are few, so it's necessary to explain which are our benchmarks.

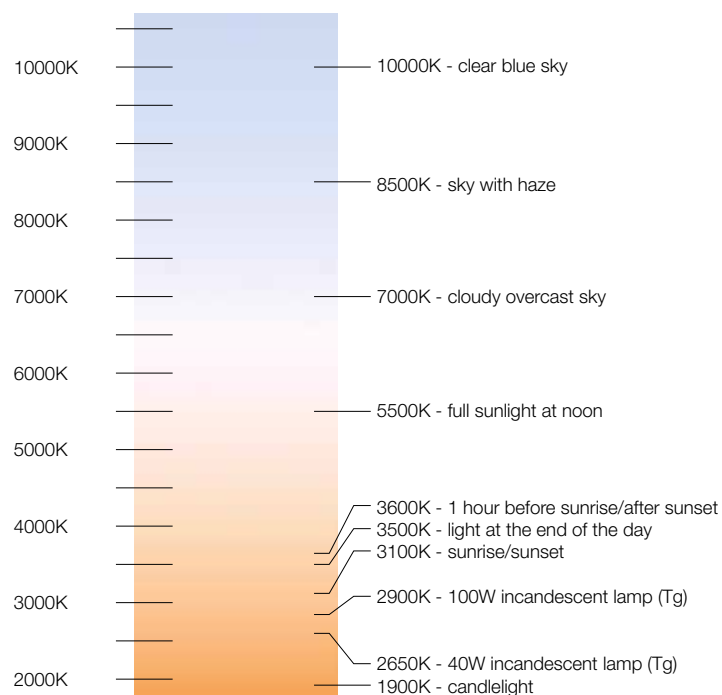
Light flux

The light flux is measured in lumen and is defined as the quantity of luminous energy emitted by the LED in the unit of time. The lighting project considers the light flux of the lighting fixture and not the light flux of the LED because the parameter of interest in the lighting installation is the light that actually comes out of the fixture. The following diagram shows the light flux losses that can be caused by ballasts, optics, reflectors, lenses, etc. The efficiency of the lighting fixture is strictly related with the light flux and is defined as the ratio between the light flux of the fixture and the absorbed power (not the LED rated power) and expressed in lm/W .



Color temperature

Light is not always the same. It can be more or less white, cool or warm. The colours of objects are perceived differently, according to the type of light source used. Two very important parameters are used to classify the light sources from a qualitative viewpoint: colour temperature and chromatic rendering index. Colour temperature, which is expressed in Kelvin (K) degrees, is used to objectively identify and classify the colour of the light emitted by a lamp with respect to the sample source (black body). If we say that a lamp has a colour temperature of 3000K, we mean that at this temperature the black body will emit light of the same tone (defined as warm). A colour temperature of approximately 4000-4200K is classified as neutral and a colour temperature higher than 5200K is classified as cool.

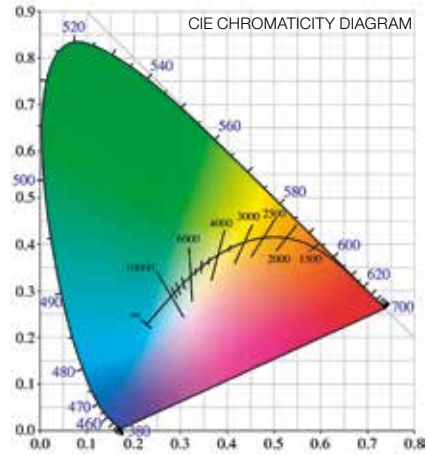


The LED manufacturing process and the phosphorus application are very delicate and subject to mistakes. For this reason, manufacturers have decided to divide the chromatic areas of the various batches in different sectors (called bins) defined on the CIE chromaticity diagram. In this way, instead of changing the production systems for each different type of LEDs, it is possible to define the colour homogeneity area and classify each production batch after production.

THE CIE 1931 CHROMATICITY DIAGRAM

The CIE 1931 chromaticity diagram is a two-dimensional diagram that represents all the existing colours. It is based on the assumption that any colour can be obtained from mixing the three primary colours and therefore 3 coordinates are sufficient to define a colour. However, the diagram is developed on a Cartesian diagram, in which only two colour coordinates are defined, the third coordinate being the value that must be added to the sum of the first two coordinates to reach the value 1. Pure colours, i.e. the colours

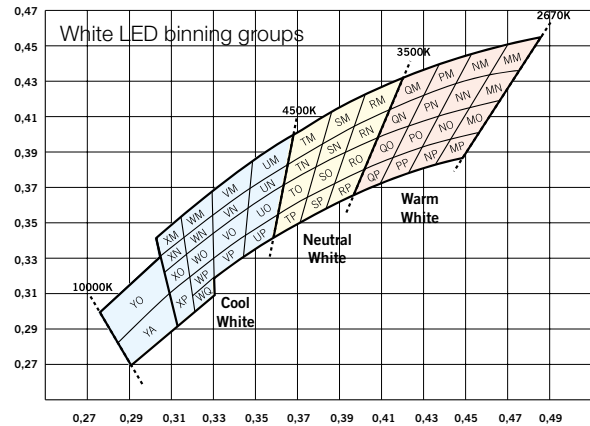
generated by radiations composed of only one wavelength, are found on the triangle perimeter. This diagram shows the Planck curve, i.e. the set of colour points assumed by the black body.



White LED binning

The white LED binning groups are defined by 3 macrocategories that are distributed across the black body line and group them according to the correlated colour temperature scale: Cool white, Neutral White and Warm White. These categories are divided into smaller groups, which vary from manufacturer to manufacturer and

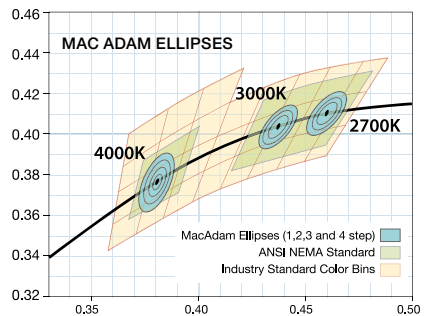
combine in the same group LEDs with similar chromatic emission, in which the difference, if any, is hardly distinguished by the human eye.



MAC ADAM ELLIPSES and ANSI BINNING

The Mac Adam ellipses are areas of the CIE chromaticity diagram that group the pairs of chromatic coordinates relative to colours that are normally perceived as identical or similar by the human eye, according to Mac Adam's experiment.

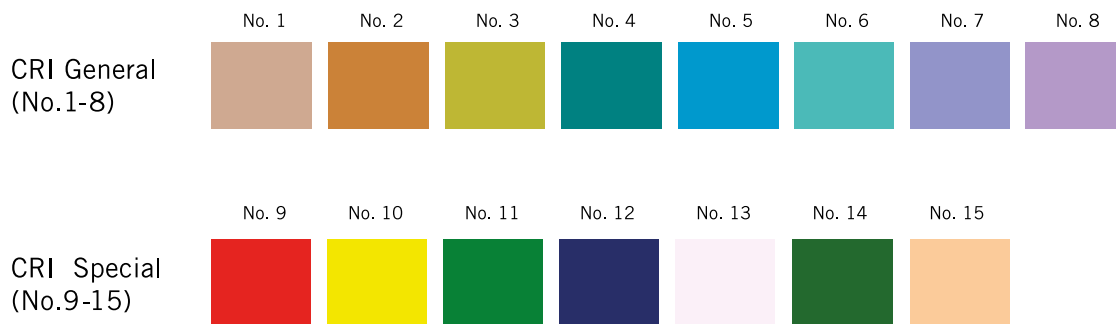
The binning methodology established by the ANSI (American National Standard Institute) implements the investigations made by Mac Adam in 1942, suggesting a binning method based on stricter tolerance values.



Colour rendering index

The colour rendering index (CRI) is a qualitative evaluation of the chromatic aspect of the illuminated objects and must not be confused with the colour temperature: two light sources with the same colour temperature can have a different CRI. This parameter indicates the capability of a light source to keep the colour of an illuminated object unchanged. The CIE affirms that the sample sources must have chromatic coordinates (colour temperature) similar to the unknown sources.

Then, 8 colour samples chosen according to the CIE standard from the Munsell atlas, which are all characterized by low saturation and a luminance value of 6, are illuminated. Moreover, other 6 reference colour samples can be used. Unfortunately, in spite of being the most used method updated with new larger reference spaces, the CRI system gives a reduced interpretation of the chromatic variation, it being an average value.



The six additional colours, from 9 to 14, have been selected by the CIE

The technological solutions that are used today to produce LEDs have reached a chromatic rendering index much higher than 90 and can be compared with the best performing traditional lamps. The chromatic rendering index is normally higher with a warmer colour temperature because of

the phosphorus deposited on the LEDs. However, this impairs the efficiency, which is lower than the neutral and cool temperature. What changes in the other colour temperatures is the phosphorus layer deposited on the LEDs: they are more efficient, but have a lower chromatic rendering index.

ALWAYS, LIGHT PIONEERS

Martini history starts long time ago - in 1925 - when the father of the present Company President, founded "Martini Timoteo" (this is the old name), from which Martini S.p.A. took life in 1971.

Since that, Martini has never stopped its growth, laying the foundations of the success coming from the projects and activities of the Company even now. The secret? Strong emphasis on innovation, research and experimentation. Applying a technology is not enough: it's necessary to study, refine and translate it into innovative solutions. In this way, from the very beginning, Martini got a leadership role in the market and made its position even stronger when it started using LEDs. While this technology was still at the very beginning, Martini carried out studies and researches to explore its potential and deepening research areas and issues the competitors were not even considering, yet.

While most manufacturers were still using the multichip LEDs with lenses solutions, Martini has been among the first companies in the world to use COB (chip on board) with reflectors and printing a new catalogue - Youled - entirely dedicated to this technology.

While adopting the COB technology, in 2010 Martini was the first Company to build special heat sinks dedicated to COB LEDs: a significant step ahead in the direction of LED safety that confirms the scientific approach used by the Company was the right one. Improving LED technology showed also new scenarios of applications: in this case Martini was among the first companies to consider the use of LEDs for indoor applications.

The Company was also ahead in building COB LEDs with a very high color rendering index and high power; between 2010 and 2011, the Company was the first that presented a 50W COB LED with a 97 color rendering index (measured on a 15 colors scale instead of the usual 8 colors).

Designed by Giorgio Martini, this LED is still the one having the highest color rendering index available on the market.

Step by step, innovation after innovation, during the years Martini reached a level of excellence in its technology and got the position as one of the worldwide leading companies in the lighting technology area.

Nevertheless Martini never stopped. After more than three years of study and research, in 2013 the Company introduced HD Retina, a new high-definition LED source, with the aim to bring into the market something completely new.

The concept, developed from a vice-president Giorgio Martini's idea, is a total innovation:

Hd Retina is inspired by the human mind capability to perceives and rebuilds colors.

The new technology has been designed to render the colors as the ones the human memory associates to the familiar objects, making them delightful and pleasant to the eyes.

This excellent result is obtained through an excellent and balanced saturation of warm and cool colors at the same time, while keeping a very high quality of white. Breaking away from the CRI and CQS metrics, Hd Retina is designed to recreate natural light, as close as possible to what the eyes perceives as ideal and pleasant (corresponding to the light "at sunrise and sunset" and more precisely to a color temperature between 3500K and 3700K). Ideal for general lighting, Hd Retina is a custom solution dedicated to architects, designers and lighting designer which is applicable to most of the indoor Martini products with COB technology.

Hd Retina allows the human eyes to perceive and emphasize the character of the colors making the whole areas pleasant and harmonious.

Hd Retina is a Martini important milestone, but it is not the final one. It is indeed a new beginning, a new start, a further incentive to look forward: being cutting edge, innovation, research and development of new solutions for customers, are all factors part of Martini DNA. All these are values that give the Company the right confidence to look to the future and keep the pace to be a market leader.

3000K RA/CRI: 97



3000K RA/CRI: 97



HD RETINA LED

4000K RA/CRI: 80



HD RETINA LED

4000K RA/CRI: 80







A black and white photograph showing a hand adjusting a white spotlight. The spotlight is the central focus, with its lens and adjustment ring visible. The background is dark, making the white spotlight stand out. The hand is positioned at the bottom right, reaching up to adjust the spotlight.

STRALIS SPOTLIGHT

DESIGN: MARTINI STAFF

Adjustability, compactness and LED technology are the strong points of Stralis spotlight. Stralis chooses the new miniaturization language to design new light scenes both indoor and outdoor.



DESIGN: MARTINI STAFF



HOSPITALITY



RESIDENTIAL



Body

A compact spotlight with an aluminium body and adjustable steel bracket. Anodised and powder-coated structure. Supplied with polycarbonate closing screen that guarantees an IP67 protection rating.

Light sources

1W LED available in Warm White or Cool White, blue, amber, green or red version.

3W LED available in Warm White, Cool White or blue version.

3W RGB LED.

6W LED Array available in Neutral white (4000K) and Warm White (3000K) CRI >80 version and Warm White (2950K) CRI 97 version.

Emissions

9° and 63° beam angle for 1W and 3W versions, 23° beam opening for RGB version.

32° and 58° beam opening for versions with 6W LED Array.

Power supply

Electronic or electromagnetic ballast available as an accessory.

Accessories

Electronic or electromagnetic ballasts available with different wattage and IP protection ratings.

Colors

White, grey and corten finish.

180° spotlight rotation



cool white (CW)
neutral white (NW)
warm white (WW)



RGB LED



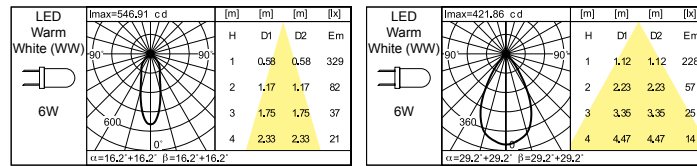
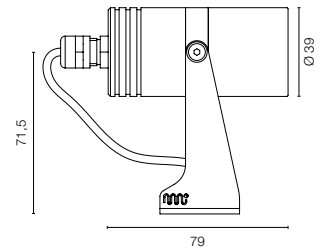
11 68 79



Source	Power	Φ [lm]	Colour temperature [K]	CRI	Beam	W [Kg]	Code
LED	6W	450	4000	>80	32°	0,40	76623._NW
LED	6W	420	3000	>80	32°	0,40	76623._WW
LED	6W	450	4000	>80	58°	0,40	76625._NW
LED	6W	420	3000	>80	58°	0,40	76625._WW
LED	6W	315	2950	97	32°	0,40	76626._WW
LED	6W	315	2950	97	58°	0,40	76628._WW

IP67

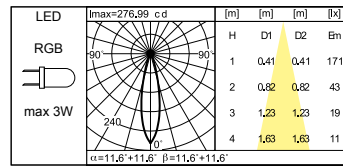
suitable for installation on walls, ceiling and floor
control gear available as accessory



Source	Power	Φ [lm]	Colour temperature [K]	CRI	Beam	W [Kg]	Code
LED RGB	max 3W	95	/	/	23°	0,40	76638._

IP67

suitable for installation on walls, ceiling and floor
DMX512 color controller, see page 548



ACCESSORIES
for 6W fixture

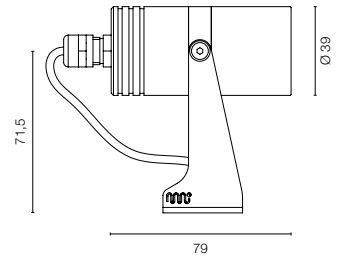


electronic ballast IP67
(suitable for controlling max 2 LEDs)
134x40,5xH31 mm
code **33086.00**



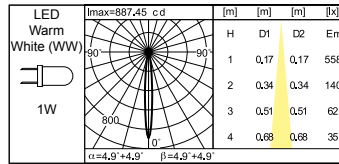
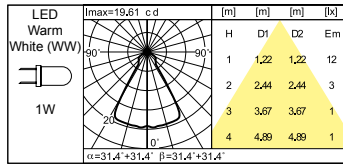


Source	Power	Φ [lm]	Colour temperature [K]	CRI	Beam	W [Kg]	Code
LED white	1W	75	3150	>80	9°	0,40	76640._WW
LED white	1W	110	6050	>80	9°	0,40	76640._CW
LED blue	1W	20	/	/	9°	0,40	76641._
LED amber	1W	50	/	/	9°	0,40	76642._
LED green	1W	80	/	/	9°	0,40	76644._
LED red	1W	50	/	/	9°	0,40	76645._
LED white	1W	75	3150	>80	63°	0,40	76630._WW
LED white	1W	110	6050	>80	63°	0,40	76630._CW
LED blue	1W	20	/	/	63°	0,40	76631._
LED amber	1W	50	/	/	63°	0,40	76632._
LED green	1W	80	/	/	63°	0,40	76634._
LED red	1W	50	/	/	63°	0,40	76635._



IP67

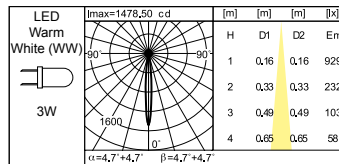
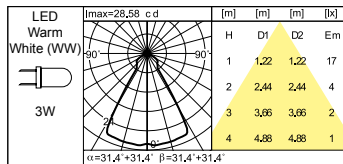
suitable for installation on walls, ceiling and floor
control gear available as accessory



Source	Power	Φ [lm]	Colour temperature [K]	CRI	Beam	W [Kg]	Code
LED white	3W	130	3150	>80	9°	0,40	76646._WW
LED white	3W	190	6050	>80	9°	0,40	76646._CW
LED blue	3W	35	/	/	9°	0,40	76647._
LED white	3W	130	3150	>80	63°	0,40	76636._WW
LED white	3W	190	6050	>80	63°	0,40	76636._CW
LED blue	3W	35	/	/	63°	0,40	76637._

IP67

suitable for installation on walls, ceiling and floor
control gear available as accessory



ACCESSORIES

for 1W-3W fixture



IP40 electronic ballast
230-240/12 VDC 15 W
suitable for controlling 3 fixtures
mounting 3 W LEDs or 6 fixtures
mounting 1 W LEDs
118x38,5xH28 mm
code **38919.00**

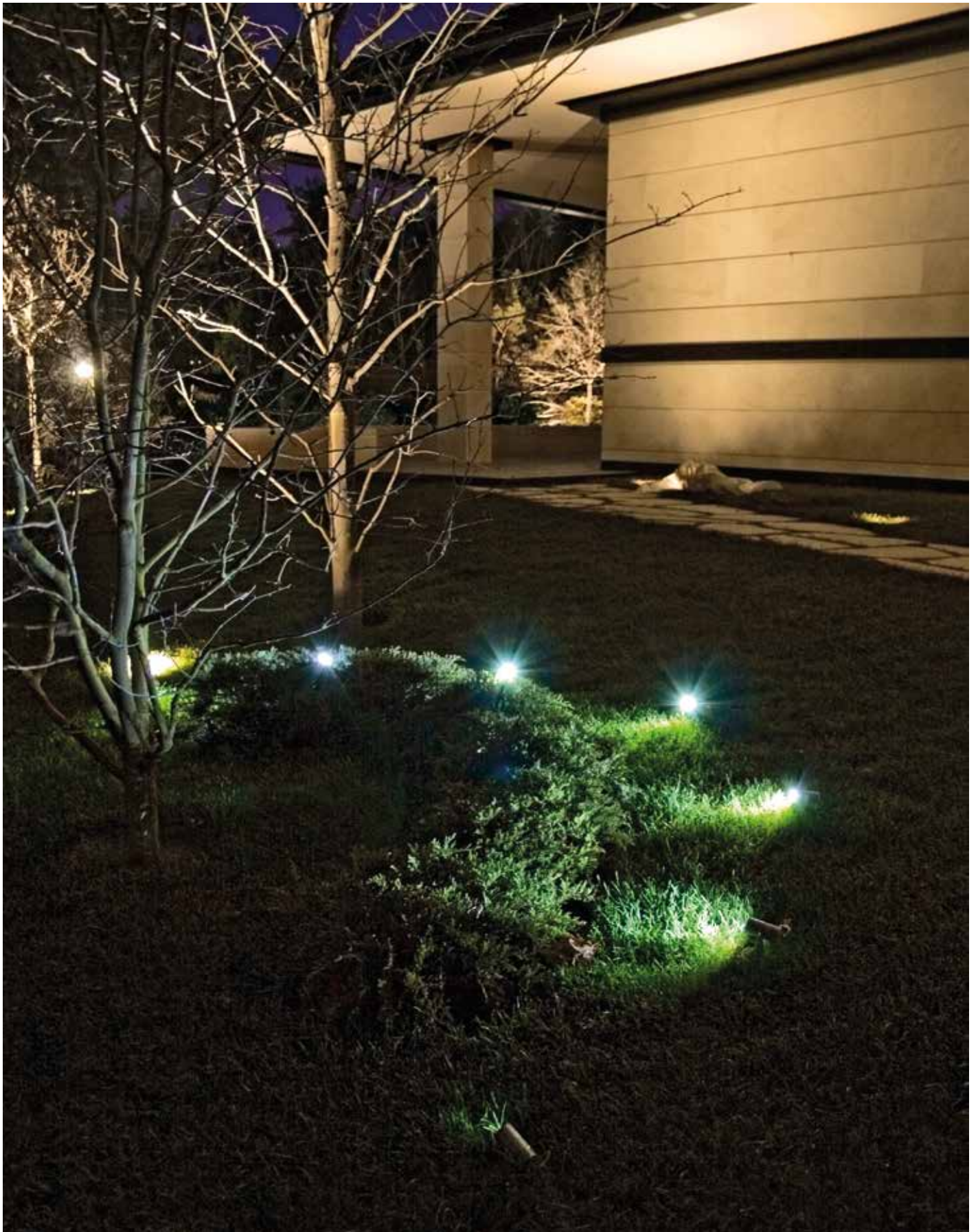


IP66 electromagnetic ballast
(non-stabilised) 230/12 VDC 50 W
suitable for controlling 11 fixtures
mounting 3 W LEDs or 20 fixtures
mounting 1 W LEDs
106x106xH68 mm
code **38920.00**

for 6W fixture



electronic ballast IP67
(suitable for controlling max 2 LEDs)
134x40,5xH31 mm
code **33086.00**





LUX

DESIGN: LUCA TRAZZI

The search for new ways to interpret urban furnishing and outdoor architecture progresses from day to day. From this search and the company's capacity to forge technical solutions, we have the family of Lux spotlights.

Designed to sculpt the volumes, to describe filled and empty areas but also for all projects where is required a good capacity to shape light and to guide it precisely where necessary, with special attention to design and study of LED technology.



DESIGN: LUCA TRAZZI



Body

Truncated cone body and die cast aluminium, tempered protection glass, sheet steel support bracket, extruded aluminium power compartment closed with two seals and die cast aluminium caps secured with four screws each. Freely rotates around the horizontal projection 360°, freely rotates around the vertical projection 240°.

Sources

QT12 and QT14 halogen sources
Mini Master Colour metal halide bulb.
6 LED in Neutral white (4300K) and Warm White (3200K) version available.

Emissions

Spot, medium and flood optics available for all versions.

Power supply

Integrated electronic control gear for metal halide and LED versions, or directly from the electricity mains for halogen versions.

Accessories

Wall or floor fixing plate or bracket, rod for wall installation.

Colors

White, embossed-effect grey, anthracite grey or corten finishing.

horizontal aim positioning (360°)



vertical aim positioning (240°)



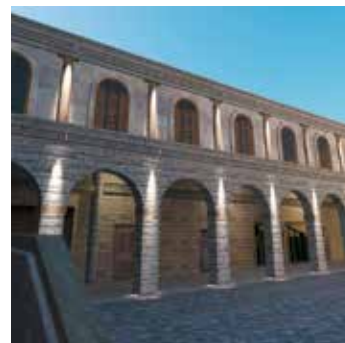
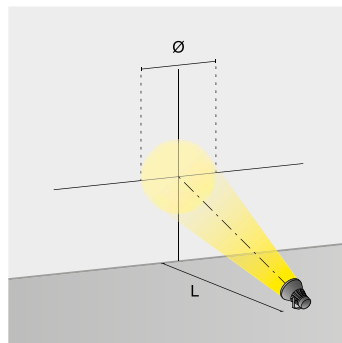
Types of optic



6 LED (NW)			
L	Ø	Emed	
3,00	0,47	643	

QT-14 48W G9			
L	Ø	Emed	
3,00	0,64	370	

MH Mini Master Color 20W PGJ5			
L	Ø	Emed	
3,00	0,63	808	



Spot optic

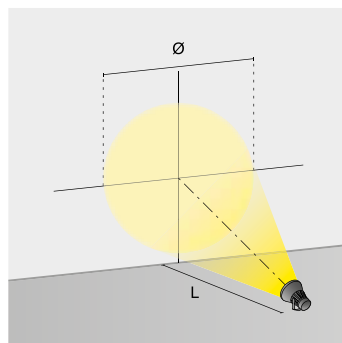
Suitable for the illumination of small architectural details: spires, vaults and capitals.



6 LED (NW)			
L	Ø	Emed	
3,00	1,46	65	

QT-14 48W G9			
L	Ø	Emed	
3,00	2,24	52	

MH Mini Master Color 20W PGJ5			
L	Ø	Emed	
3,00	2,24	113	



Flood optic

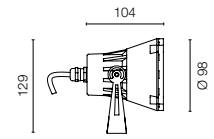
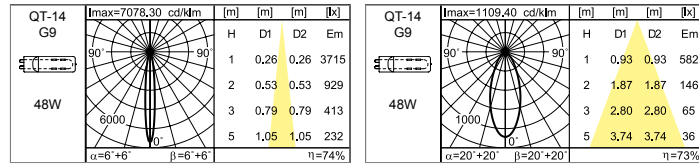
Suitable for the uniform illumination of small surfaces: monuments, fountains and ornamental gardens.

L = distance of the spotlight from the wall [m]
 Ø = diameter of the illuminated surface [m]
 Emed = average illuminance [lux]

Source	Power	Socket	Optic	W [Kg]	Code
AL QT-14	48W	G9	spot	1,20	75655. __
AL QT-14	48W	G9	flood	1,20	75656. __



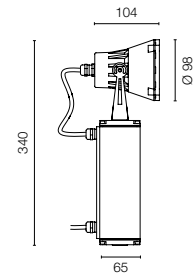
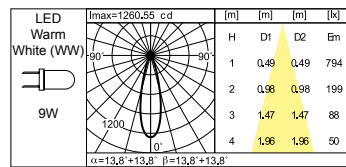
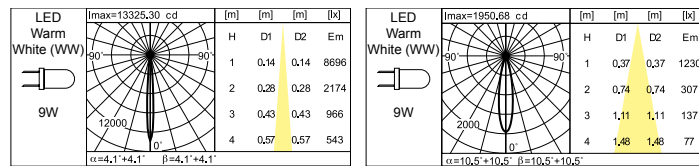
fixture equipped with a pre-assembled power cable, L=2m
for accessories see page 40



Source	Power	Φ [lm]	Color temperature [K]	Optic	W [Kg]	Code
6 White LED	9W	460	4300	S	4,00	75640. __ NW
6 White LED	9W	460	3200	S	4,00	75640. __ WW
6 White LED	9W	460	4300	M	4,00	75641. __ NW
6 White LED	9W	460	3200	M	4,00	75641. __ WW
6 White LED	9W	460	4300	F	4,00	75642. __ NW
6 White LED	9W	460	3200	F	4,00	75642. __ WW



fixture equipped with a pre-assembled power cable, L=2m
side cable outlet
for accessories see page 40

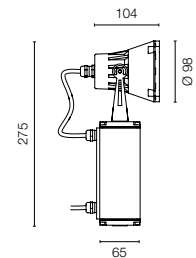
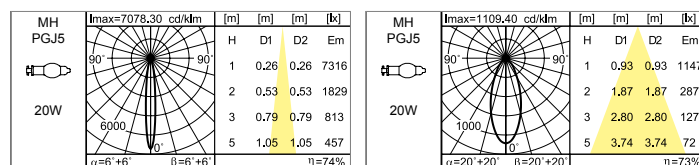
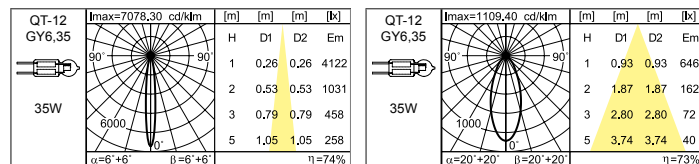


LED

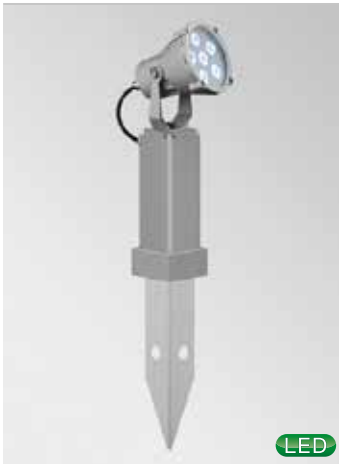
Source	Power	Socket	Optic	W [Kg]	Code
AL QT-12	35W	GY6,35	S	2,00	75651. __
AL QT-12	35W	GY6,35	F	2,00	75652. __
MH Mini Master Colour	20W	PGJ5	S	2,00	75653. __
MH Mini Master Colour	20W	PGJ5	F	2,00	75654. __



fixture equipped with a pre-assembled power cable, L=2m
side cable outlet
for accessories see page 40



□ 11 ■ 32 ■ 86 ■ 79

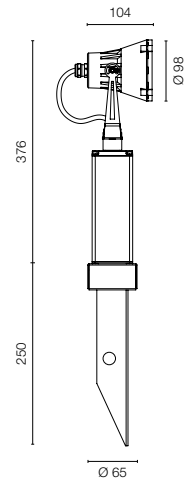
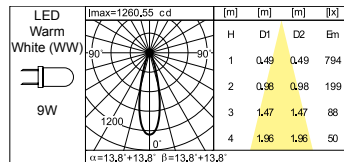
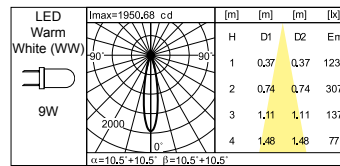
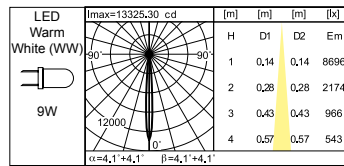


LED

Source	Power	Φ [mm]	Color temperature [K]	Optic	W [Kg]	Code
6 White LED	9W	460	4300	S	5,00	75645. __NW
6 White LED	9W	460	3200	S	5,00	75645. __WW
6 White LED	9W	460	4300	M	5,00	75646. __NW
6 White LED	9W	460	3200	M	5,00	75646. __WW
6 White LED	9W	460	4300	F	5,00	75647. __NW
6 White LED	9W	460	3200	F	5,00	75647. __WW



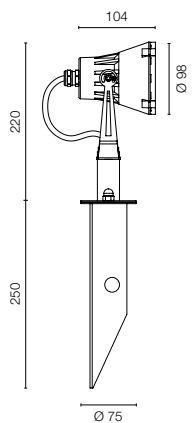
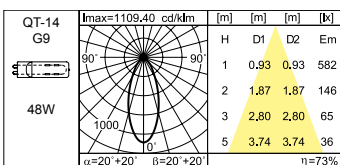
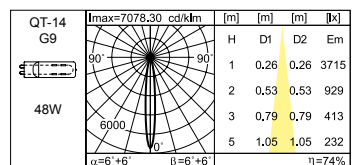
fixture equipped with a pre-assembled power cable, L=2m
 bottom cable outlet
 removing the spike, wall or floor installation is possible



Source	Power	Socket	Optic	W [Kg]	Code
AL QT-14	48W	G9	S	2,00	75688. __
AL QT-14	48W	G9	F	2,00	75690. __



fixture equipped with a pre-assembled power cable, L=2m
 bottom cable outlet
 removing the spike, wall or floor installation is possible

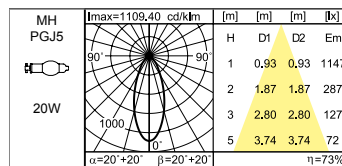
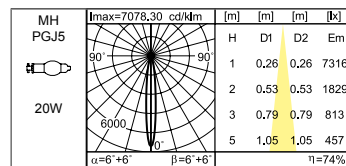
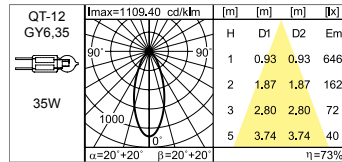
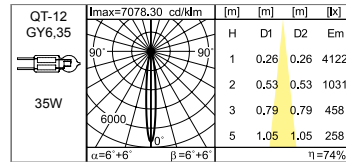
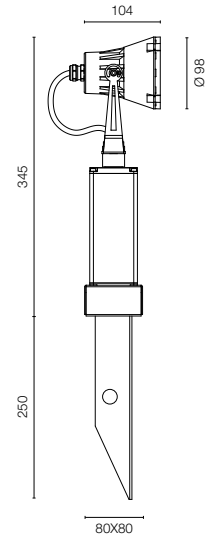




Source	Power	Socket	Optic	W [Kg]	Code
AL QT-12	35W	GY6,35	S	5,00	75672. __
AL QT-12	35W	GY6,35	F	5,00	75674. __
MH Mini Master Colour	20W	PGJ5	S	5,00	75676. __
MH Mini Master Colour	20W	PGJ5	F	5,00	75678. __



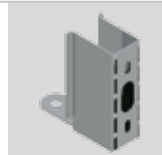
fixture equipped with a pre-assembled power cable, L=2m
 bottom cable outlet
 removing the spike, wall or floor installation is possible



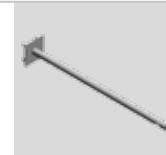
ACCESSORIES



plate for wall and floor installation
code **75778.**__



bracket for wall installation for code 75651, 75652, 75653 and 75654
code **75772.11**
code **75772.68**
code **75772.79**
code **75772.86**



rods (L=660mm) for wall installation for code 75655 and 75656
code **75771.**__



LUX 260



LUX 180



Body

Truncated cone body and die cast aluminium, tempered protection glass, sheet steel support bracket, extruded aluminium power compartment closed with two seals and die cast aluminium caps secured with four screws each. Freely rotates around the horizontal projection 360°, freely rotates around the vertical projection 240°.

Sources

Available with halogen sources QT-12 and AR111, MH, Mini Master Colour and CDM-R111 metal halide and TC-TE compact fluorescent lamps.
12 or 24 white LEDs, available in Warm white (3200K) and Natural white (4300K).
7 or 16 Dynamic White LEDs,
7 or 16 RGBW LEDs.

Emissions

Integrated optic with superspot, spot, medium and flood emission. For AR111 and CDM-R111 version beam angle vary according to the reflector incorporated into the lamp.

Power supply

Integrated electromagnetic or electronic transformer or control gear.

Accessories

Wall or floor installation bracket, base or plate, wall mounting rod, spike, safety grid, rings-shaped baffle, visor, coloured or elliptical projection glass, cable gland.

Colors

White, embossed-effect grey, anthracite grey or corten finishing.

easy access to the lamp compartment



horizontal aim positioning (360°)



vertical aim positioning (240°)



Types of optic Lux 180

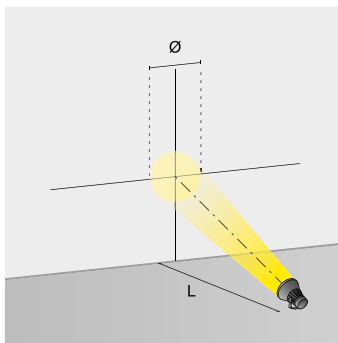


QT-12 50W GY6,35		
L	Ø	Emed
3,00	0,26	1200

MH 35W G12		
L	Ø	Emed
3,00	0,38	4232

Super spot optic

Suitable for the illumination of architectural details: spires, vaults and capitals.



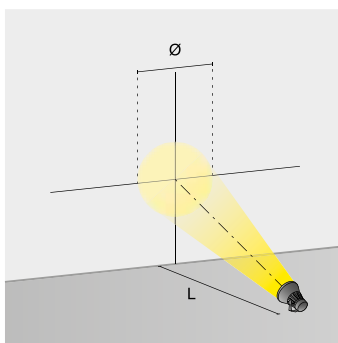
12 LED (NW)		
L	Ø	Emed
3,00	0,34	2050

QT-12 50W GY6,35		
L	Ø	Emed
3,00	0,94	211

MH 35W G12		
L	Ø	Emed
3,00	0,94	872

Spot optic

Suitable for the illumination of large architectural details: monuments, fountains and gardens.



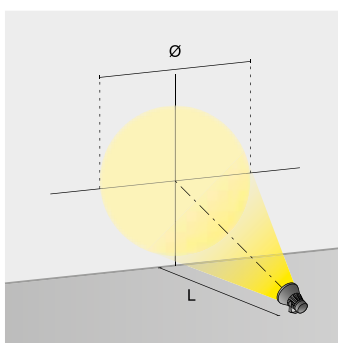
12 LED (NW)		
L	Ø	Emed
3,00	2,44	61

QT-12 50W GY6,35		
L	Ø	Emed
3,00	2,20	78

MH 35W G12		
L	Ø	Emed
3,00	2,04	277

Flood optic

Suitable for the uniform illumination of surfaces: facades, large green spaces and large architectural constructions.



L = distance of the spotlight from the wall [m]
 Ø = diameter of the illuminated surface [m]
 Emed = average illuminance [lux]

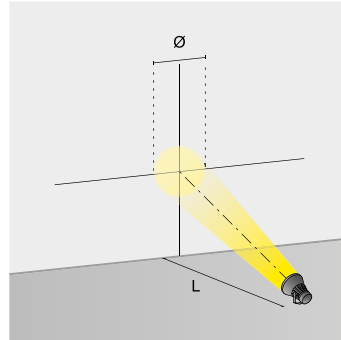
Types of optic Lux 260



MH 70W G12		
L	Ø	Emed
3,00	0,30	18948

Super spot optic

Suitable for the illumination of architectural details: spires, statues and capitals.

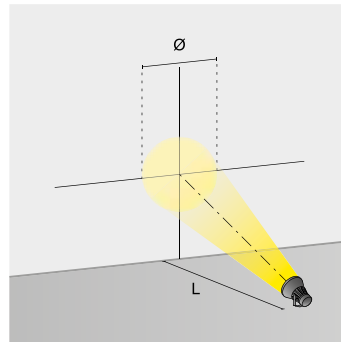


24 LED (NW)		
L	Ø	Emed
3,00	0,31	5433

MH 70W G12		
L	Ø	Emed
3,00	0,88	1889

Spot optic

Suitable for the illumination of large architectural details: monuments, fountains and gardens.

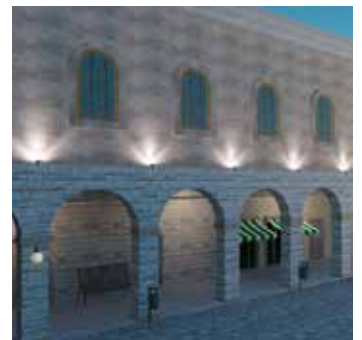
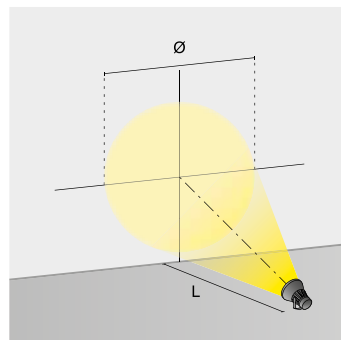


24 LED (NW)		
L	Ø	Emed
3,00	2,11	108

MH 70W G12		
L	Ø	Emed
3,00	2,12	350

Flood optic

Suitable for the uniform illumination of surfaces: facades, large green spaces and large architectural constructions.



L = distance of the spotlight from the wall [m]
 Ø = diameter of the illuminated surface [m]
 Emed = average illuminance [lux]

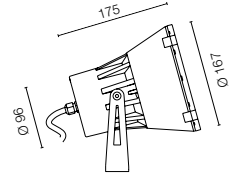
WHITE LED



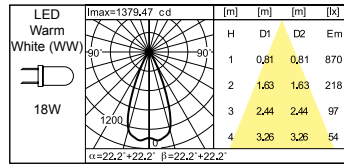
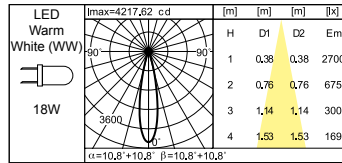
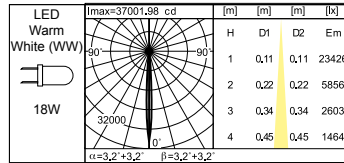
Source	Power	Φ [lm]	Color temperature [K]	Optic	W [Kg]	Code
12 LED	18W	920	4300	S	3,00	78810.__NW
12 LED	18W	920	3200	S	3,00	78810.__WW
12 LED	18W	920	4300	M	3,00	78811.__NW
12 LED	18W	920	3200	M	3,00	78811.__WW
12 LED	18W	920	4300	F	3,00	78812.__NW
12 LED	18W	920	3200	F	3,00	78812.__WW



fixture equipped with a pre-assembled power cable, L=2m
for accessories see page 49



LED



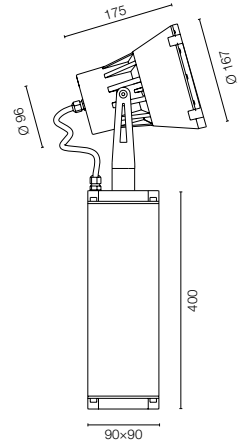
DYNAMIC WHITE LED



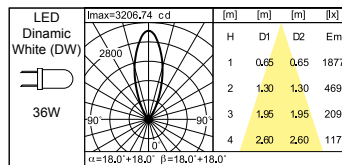
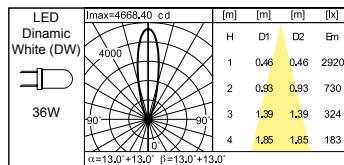
Source	Power	Φ [lm]	Color temperature [K]	Optic	W [Kg]	Code
7 LED	36W	1820	2700-6000	M	8,00	80080.__DW
7 LED	36W	1820	2700-6000	F	8,00	80081.__DW



fixture equipped with a pre-assembled power cable, L=2m
DMX512 colour controller see page 548
cable exit from side
for accessories see page 49



LED



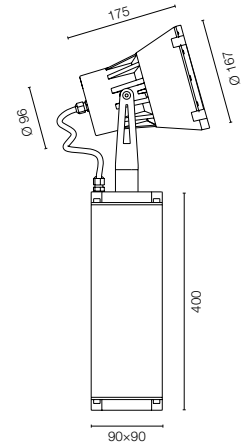
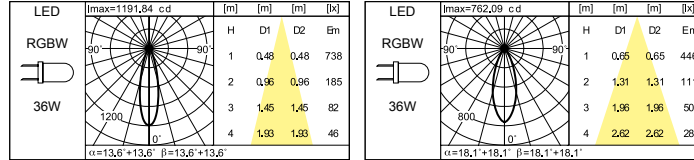
11 32 86 79



Source	Power	Φ [mm]	Optic	W [Kg]	Code
7 LED RGBW	36W	1120	M	8,00	75590_RGBW
7 LED RGBW	36W	1120	F	75591_RGBW	



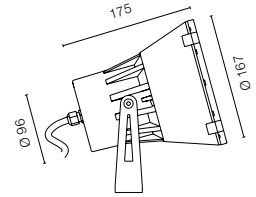
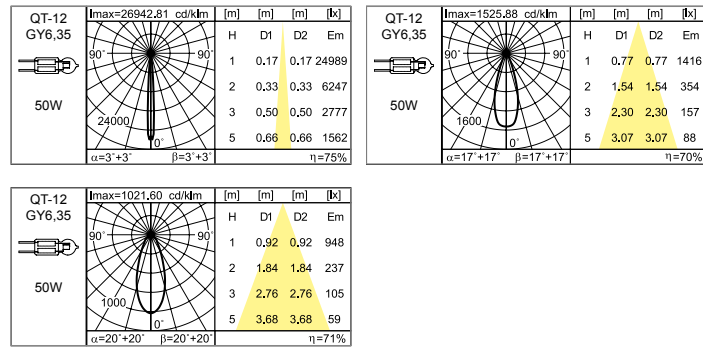
DMX512 colour controller see page 548
 fixture equipped with a pre-assembled power cable, L=2m
 cable exit from side
 for accessories see page 49



Source	Power	Socket	Optic	W [Kg]	Code
AL QT-12	50W	GY6,35	SS	3,20	75400._
AL QT-12	50W	GY6,35	S	3,20	75401._
AL QT-12	50W	GY6,35	F	3,20	75402._



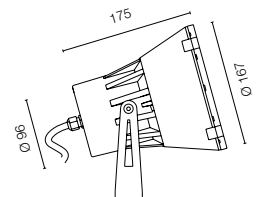
fixture equipped with a pre-assembled power cable, L=2m
 for accessories see page 49



Source	Power	Socket	W [Kg]	Code
AL AR111	75W	G53	3,20	75416._



fixture equipped with a pre-assembled power cable, L=2m
 lamp photometric data - see page 564
 for accessories see page 49





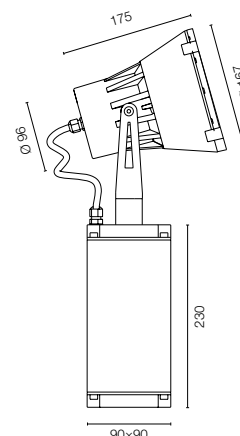
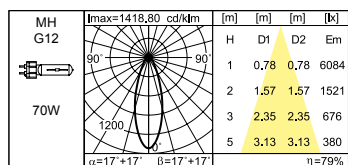
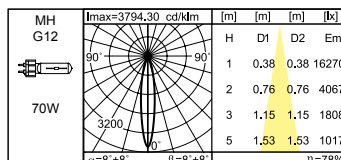
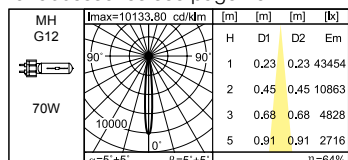




Source	Power	Socket	Optic	W [Kg]	Code
MH	35W	G12	SS	5,50	75406 ...
MH	35W	G12	S	5,50	75407 ...
MH	35W	G12	F	5,50	75408 ...
MH	70W	G12	SS	5,80	75409 ...
MH	70W	G12	S	5,80	75410 ...
MH	70W	G12	F	5,80	75411 ...



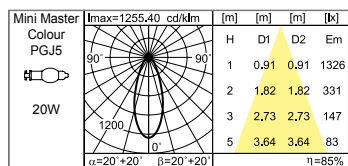
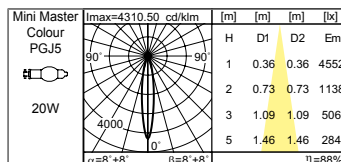
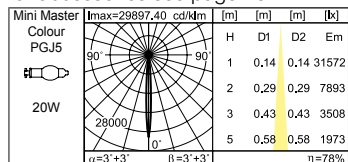
fixture equipped with a pre-assembled power cable, L=2m
side cable outlet
for accessories see page 49



Source	Power	Socket	Optic	W [Kg]	Code
Mini Master Colour®	20W	PGJ5	SS	5,30	75412 ...
Mini Master Colour®	20W	PGJ5	S	5,30	75413 ...
Mini Master Colour®	20W	PGJ5	F	5,30	75414 ...



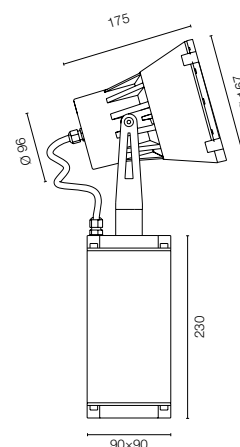
fixture equipped with a pre-assembled power cable, L=2m
side cable outlet
for accessories see page 49



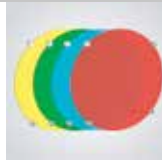
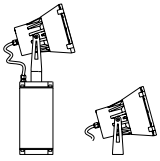
Source	Power	Socket	W [Kg]	Code
MH Master Colour® CDM-R111	35W	GX8,5	5,80	75418 ...
MH Master Colour® CDM-R111	70W	GX8,5	5,80	75415 ...



fixture equipped with a pre-assembled power cable, L=2m
side cable outlet
for accessories see page 49
lamp photometric data - see page 564



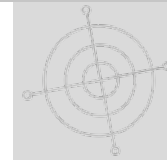
11 32 86 79



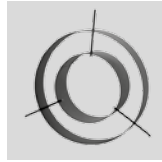
colored dichroic filters
 yellow code **92823.00**
 blue code **92822.00**
 red code **92825.00**
 green code **92824.00**



elliptical projection glass
 code **75508.00**



safety grid
 code **75474.00**



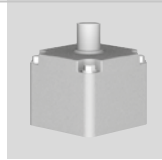
ring-shaped baffle
 (only for AL and MH lamps)
 code **75473.00**



visor
 code **75476.00**



spike
 code **75475.00**



watertight mounting base for wall and floor installation, IP65
 code **75470.11**
 code **75470.68**
 code **75470.86**
 code **75470.79**

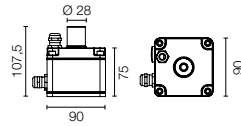
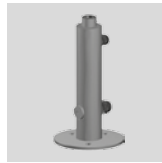
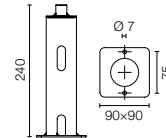


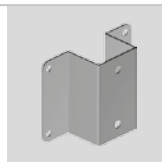
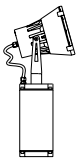
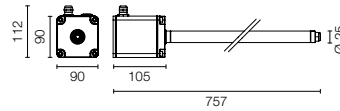
plate for wall and floor installation
 code **75478.00**



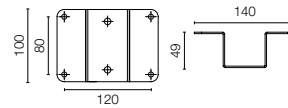
floor installation bracket
 (in green areas, for use with spike)
 code **75479.00**



wall-mounting rods
 code **75471.11**
 code **75471.68**
 code **75471.86**
 code **75471.79**



wall installation bracket
 code **75472.00**



cable gland
 M16 x 1,5
 code **91056.00**

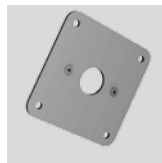
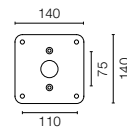


plate for wall and floor installation
 code **75477.00**

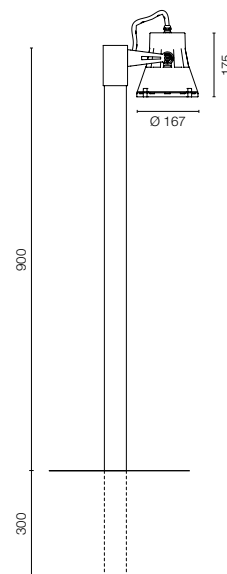
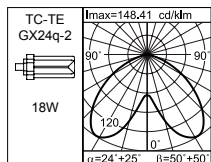




Source	Power	Socket	W[Kg]	Code
FL TC-TE	18W	GX24q-2	7,00	75403.____

IP65

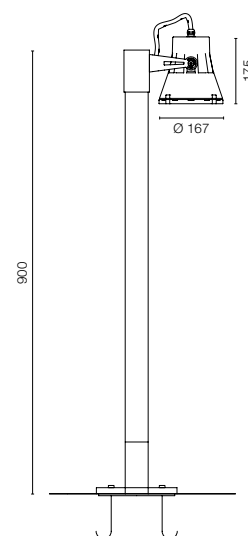
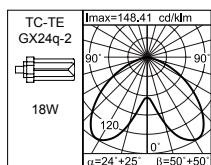
 stake with buried base



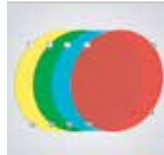
Source	Power	Socket	W[Kg]	Code
FL TC-TE	18W	GX24q-2	7,00	75404.____

IP65

 stake with anchoring plate



ACCESSORIES



colored dichroic filters
 yellow code **92823.00**
 blue code **92822.00**
 red code **92825.00**
 green code **92824.00**

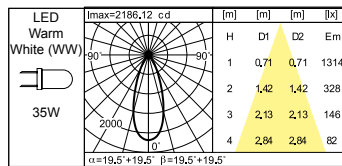
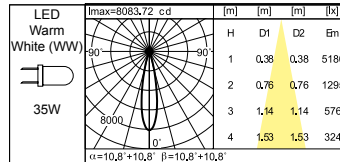
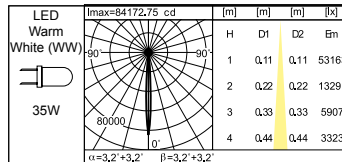
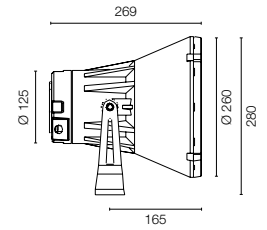
WHITE LED



Source	Power	Φ [lm]	Color temperature [K]		Optic	W [Kg]	Code
24 LED	35W	1920	4300		S	6,00	78820._NW
24 LED	35W	1920	3200		S	6,00	78820._WW
24 LED	35W	1920	4300		M	6,00	78821._NW
24 LED	35W	1920	3200		M	6,00	78821._WW
24 LED	35W	1920	4300		F	6,00	78822._NW
24 LED	35W	1920	3200		F	6,00	78822._WW



fixture equipped with a pre-assembled power cable, L=2m



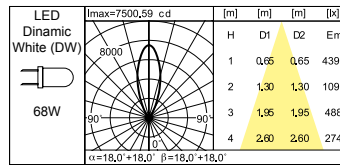
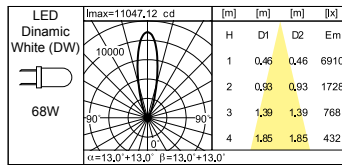
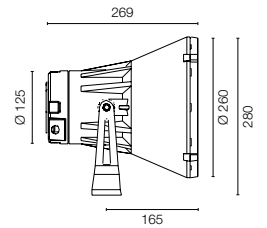
DYNAMIC WHITE LED



Source	Power	Φ [lm]	Color temperature [K]		Optic	W [Kg]	Code
16 LED	68W	4160	2700-6000		M	6,00	80082._DW
16 LED	68W	4160	2700-6000		F	6,00	80083._DW



DMX512 colour controller see page 548
fixture equipped with a pre-assembled power cable, L=2m



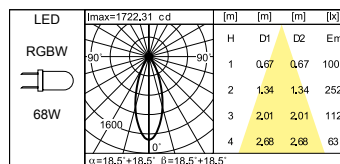
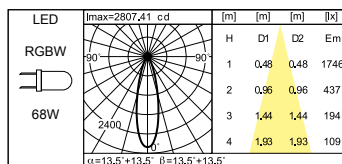
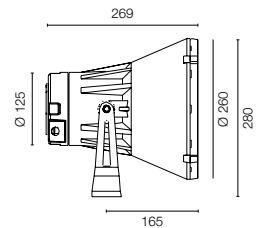
RGBW LED



Source	Power	Φ [lm]	Optic	W [Kg]	Code
16 LED RGBW	68W	2560	M	6,00	75592._RGBW
16 LED RGBW	68W	2560	F	6,00	75593._RGBW



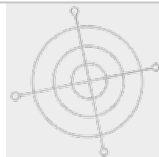
DMX512 colour controller see page 548
fixture equipped with a pre-assembled power cable, L=2m



ACCESSORIES



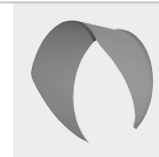
plate for wall and floor installation code **75484._**



protective grid code **75481.00**



spike code **75482.00**



visor code **75483._**



DESIGN: LUCA TRAZZI



Outdoor spotlights for the illumination of buildings, car parks, streets and public spaces.

Available in two sizes: Ø 350 mm and Ø 400 mm with five different beams, so as to satisfy the most varied technical lighting requirements.



Lux 350



Lux 400



Twin support system for Lux 350 and Lux 400 installation, consisting of cast aluminium fixing brackets, steel arm and tie rod; it is set up for use with the most common pole diameter sizes.



arm Twin 1



arm Twin 2



arm Twin 3

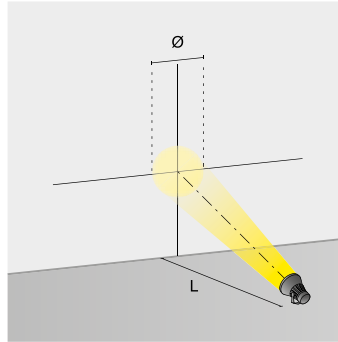
Types of optic for Lux 350



MH 150W G12		
L	Ø	Emed
3,00	0,36	33659

Super spot optic

Suitable for the illumination of architectural details from a distance: spires, statues and capitals.

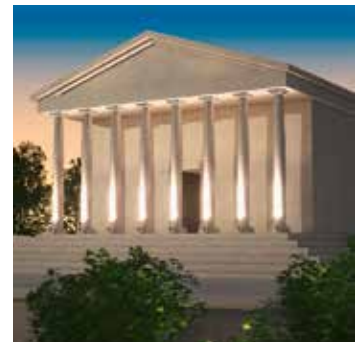
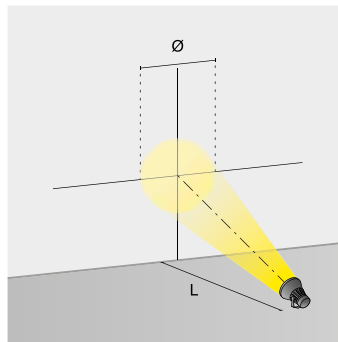


36 LED (NW)		
L	Ø	Emed
3,00	0,32	7341

MH 150W G12		
L	Ø	Emed
3,00	0,94	4550

Spot optic

Suitable for the illumination of large architectural details: monuments, fountains and gardens.

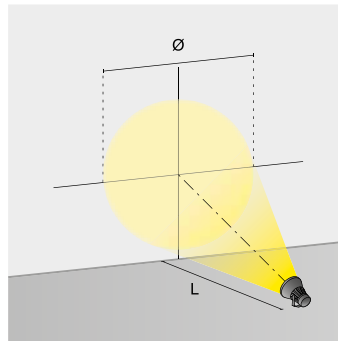


36 LED (NW)		
L	Ø	Emed
3,00	2,52	178

MH 150W G12		
L	Ø	Emed
3,00	2,24	911

Flood optic

Suitable for the uniform illumination of large surfaces: facades, large green spaces and large architectural constructions.



MH 150W RX7s-24						
H	B	I	Lm	Uo	UL	TI
7,50	6,00	24,00	1,3	0,4	0,5	3

Street optic

The street optic has been designed so as to concentrate most of the light it produces onto the road surface below, meaning that fewer installations are required and thus limiting maintenance and electricity costs.

The optic system can be used to achieve high and uniform luminance on the road while limiting glare.

Illumination class: ME3c



Types of optic for Lux 400

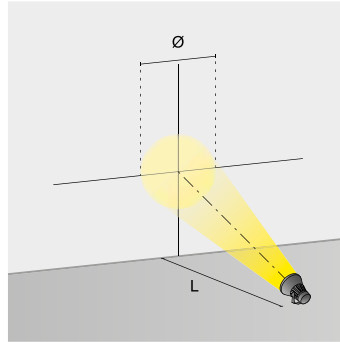


48 LED (NW)		
L	Ø	Emed
3,00	0,34	9283

MH-T 250W E40		
L	Ø	Emed
3,00	1,05	5068

Spot optic

Suitable for the illumination of large architectural details: monuments, fountains and gardens.

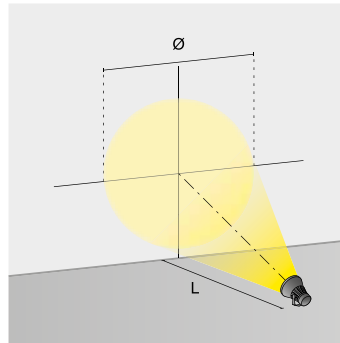


48 LED (NW)		
L	Ø	Emed
3,00	2,50	251

MH-T 250W E40		
L	Ø	Emed
3,00	1,95	1314

Flood optic

Suitable for the uniform illumination of large surfaces: facades, large green spaces and large architectural constructions.



Combined pole installation

Lux 350 and 400 spotlights can be pole-mounted, and may be applied in various size, wattage and optic combinations.



L = distance of the spotlight from the wall [m]
 Ø = diameter of the illuminated surface [m]
 Emed = average illuminance [lux]

Road surface C2, q0=0.070
 H = fixture height [m]
 B = road width [m]
 l = distance between poles [m]
 Lm = average maintained luminance [cd/m²]
 Uo = general uniformity of luminance
 UL = longitudinal uniformity of luminance
 TI = physiological glare index [%]
 Em = average illuminance [lx]
 Emin = minimum illuminance [lx]







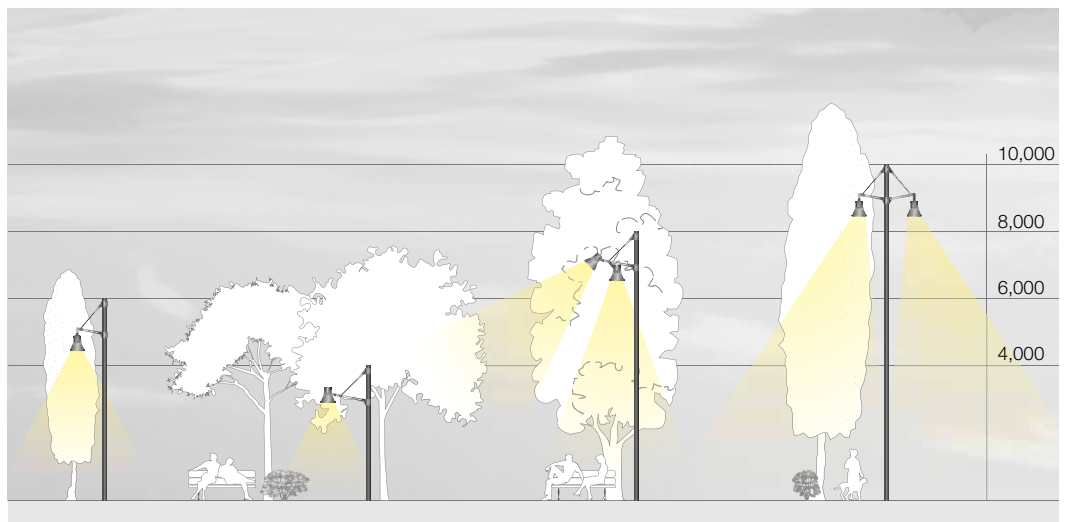
Twin 1 spotlight rotation



Twin 2 spotlight rotation



Twin 3 spotlight rotation





LUX 400



LUX 350



Body

Die-cast aluminium body and closure glass support ring. The tempered safety glass is fixed to the ring, and the steel spotlight fixing bracket is bolted to the body using two stainless steel screws.

Light sources

Metal halide and high-pressure sodium lamps, from 70W to 400W. 36 or 48 white LEDs, available in Warm white (3200K) and Natural white (4300K). 24 Dynamic White LEDs, 24 RGBW LEDs.

Emissions

Super-spot, spot, medium and

flood optics available depending on version.

Power supply

Integrated electromagnetic ballasts for metal halide and sodium versions. Integrated electronic control gear for LED versions.

Accessories

Wall/floor-mounting bracket, spike, elliptical projection glass, dichroic colored filters, protective grid, ring-shaped baffle and visor.

Colors

White, embossed-effect grey, anthracite grey or corten finish.

water drainage system

easy access to the lamp compartment

vertical aim positioning (240°)

heat dissipator



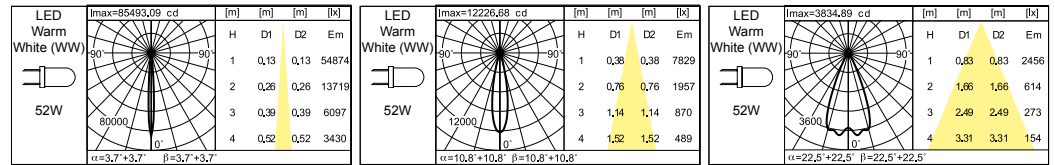
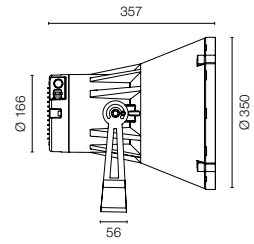
WHITE LED



Source	Power	Φ [lm]	Color temperature [K]	Optic	W [Kg]	Code
36 LED	52W	2900	4000	S	8,00	78830. __NW
36 LED	52W	2900	3000	S	8,00	78830. __WW
36 LED	52W	2900	4000	M	8,00	78831. __NW
36 LED	52W	2900	3000	M	8,00	78831. __WW
36 LED	52W	2900	4000	F	8,00	78832. __NW
36 LED	52W	2900	3000	F	8,00	78832. __WW

IP65 0,083 m²

fixture equipped with a pre-assembled power cable, L=2m



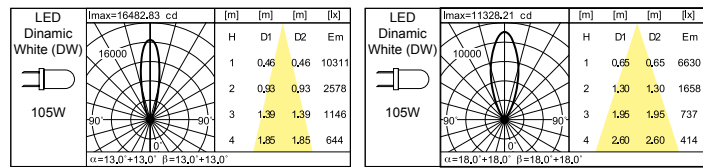
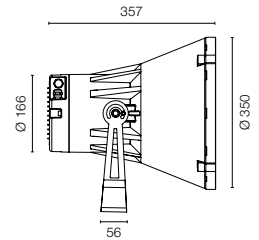
DYNAMIC WHITE LED



Source	Power	Φ [lm]	Color temperature [K]	Optic	W [Kg]	Code
24 LED	105W	6240	2700-6000	M	8,00	80084. __DW
24 LED	105W	6240	2700-6000	F	8,00	80085. __DW

IP65 0,083 m²

fixture equipped with a pre-assembled power cable, L=2m
DMX512 colour controller see page 548



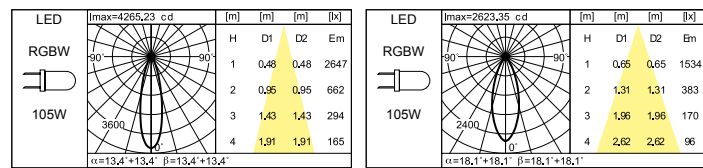
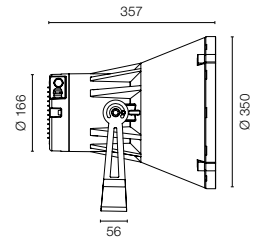
RGBW LED



Source	Power	Φ [lm]	Optic	W [Kg]	Code
24 LED	105W	3840	M	8,00	75594. __RGBW
24 LED	105W	3840	F	8,00	75595. __RGBW

IP65 0,083 m²

fixture equipped with a pre-assembled power cable, L=2m
DMX512 colour controller see page 548



ACCESSORIES



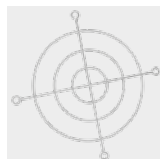
spike
code **75487.00**



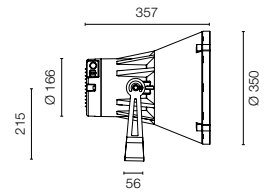
plate for floor and wall installation
code **75489. __**



visor
code **75488. __**



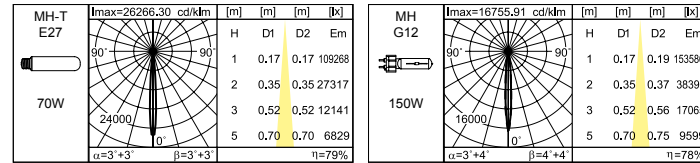
safety grid
code **75486.00**



Source	Power	Socket	W [Kg]	Code
MH-T	70W	E27	10,5	75445. _
MH	150W	G12	11,0	75430. _
MH	250W	G12	12,0	75433. _

IP65, 0,083 m²
 fixture equipped with a pre-assembled power cable, L=2m

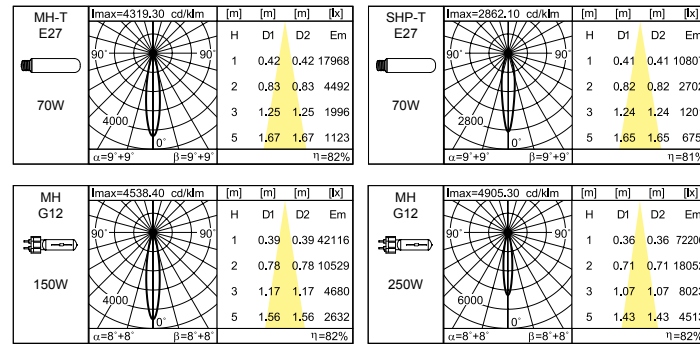
super spot optic



Source	Power	Socket	W [Kg]	Code
MH-T	70W	E27	10,5	75446. _
SHP-T	70W	E27	10,5	75443. _
MH	150W	G12	11,0	75431. _
MH	250W	G12	12,0	75434. _

IP65, 0,083 m²
 fixture equipped with a pre-assembled power cable, L=2m

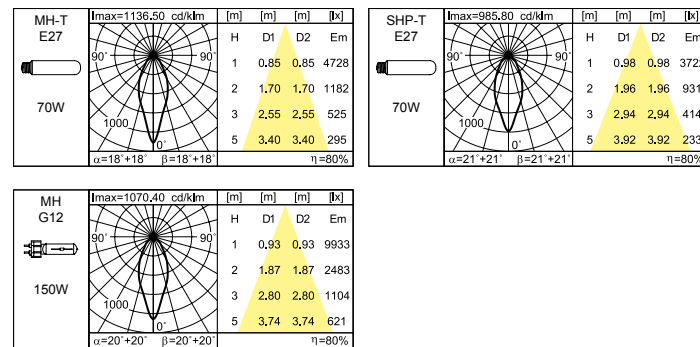
spot optic



Source	Power	Socket	W [Kg]	Code
MH-T	70W	E27	10,5	75447. _
SHP-T	70W	E27	10,5	75444. _
MH	150W	G12	11,0	75432. _
MH	250W	G12	12,0	75435. _

IP65, 0,083 m²
 fixture equipped with a pre-assembled power cable, L=2m

flood optic

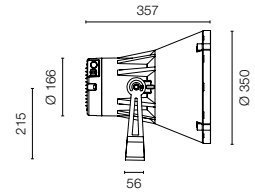




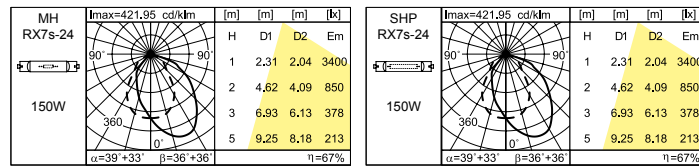
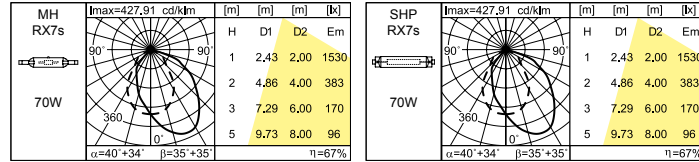
Source	Power	Socket	W [Kg]	Code
MH / SHP	70W	RX7s	10,5	75450. __
MH / SHP	150W	RX7s-24	11,0	75451. __

IP65 0,083 m²

fixture equipped with a pre-assembled power cable, L=2m



asymmetrical optic

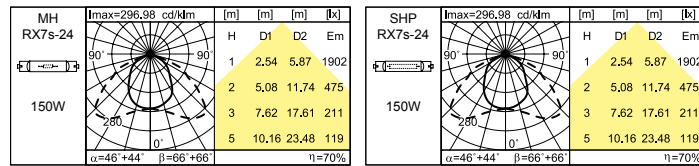
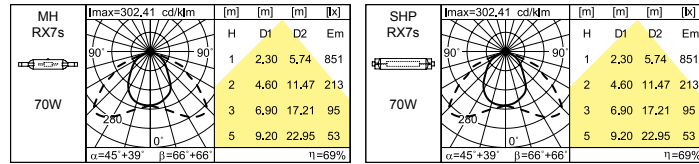


Source	Power	Socket	W [Kg]	Code
MH / SHP	70W	RX7s	10,5	75448. __
MH / SHP	150W	RX7s-24	11,0	75449. __

IP65 0,083 m²

fixture equipped with a pre-assembled power cable, L=2m

road optic



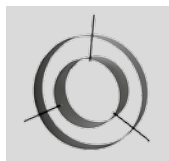
□ 11 ■ 32 ■ 86 ■ 79



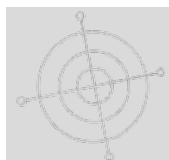
colored dichroic filters
 yellow code **92831.00**
 green code **92832.00**
 blue code **92830.00**
 red code **92833.00**



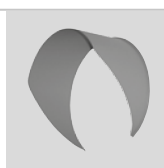
elliptical projection
 glass
 code **75609.00**



ring-shaped baffle
 code **75485.00**



safety grid
 code **75486.00**



visor
 code **75488.00**

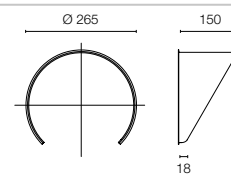
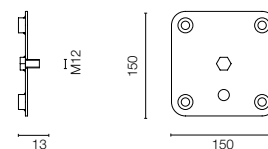
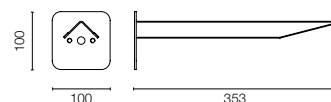


plate for floor and
 wall installation
 code **75489.00**



spike
 code **75487.00**

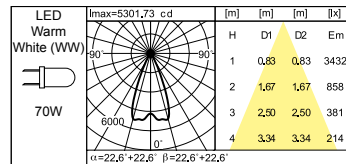
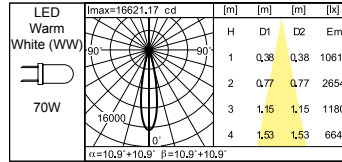
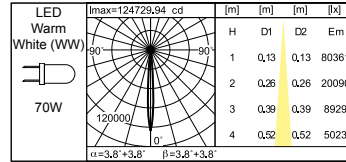
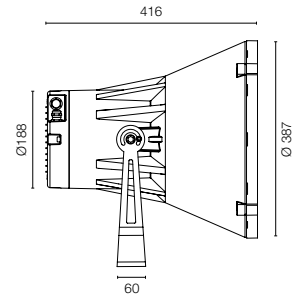




Source	Power	Φ [lm]	Color temperature [K]	Optic	W [Kg]	Code
48 White LED	70W	3850	4000	S	11,00	78840._NW
48 White LED	70W	3850	3000	S	11,00	78840._WW
48 White LED	70W	3850	4000	M	11,00	78841._NW
48 White LED	70W	3850	3000	M	11,00	78841._WW
48 White LED	70W	3850	4000	F	11,00	78842._NW
48 White LED	70W	3850	3000	F	11,00	78842._WW

IP65 0,149 m²

fixture equipped with a pre-assembled power cable, L=2m

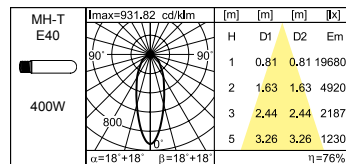
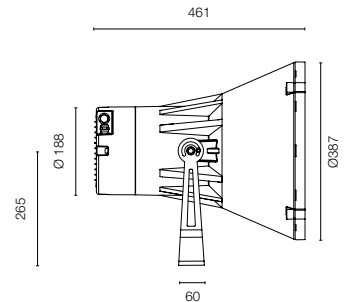


Source	Power	Socket	Optic	W [Kg]	Code
MH-T	400W	E40	S	16,0	75469._
MH-T	400W	E40	F	16,0	75467._

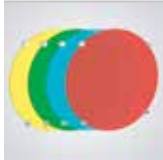
IP65 0,158 m²

fixture equipped with a pre-assembled power cable, L=2m

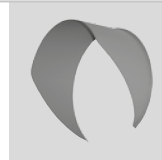
OSRAM HQI-T 400/N/SI C.L. 3.25 A lamp. Martini code 4.96095.57
Colour variations may occur in vertical operating position with attachment facing downwards.



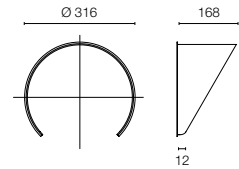
ACCESSORIES



colored dichroic filters
yellow code **92835.00**
green code **92836.00**
blue code **92834.00**
red code **92837.00**



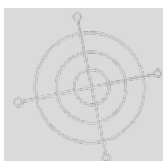
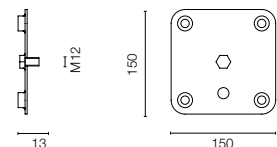
visor
code **75493._**



elliptical projection glass
code **75614.00**



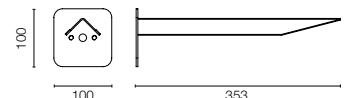
plate for floor and wall installation
code **75489._**




































safety grid
code **75491.00**



spike
code **75487.00**



LUX	POSSIBLE COMBINATIONS	COMBINATIONS NOT POSSIBLE
 +		<div style="border: 1px solid black; padding: 10px; display: inline-block;">  +  +   +   +   +  +   +   +  </div>
		
		
		
		
	 + 	
	 + 	
	 + 	
	 + 	
 +		
		
		
		





HOSPITALITY



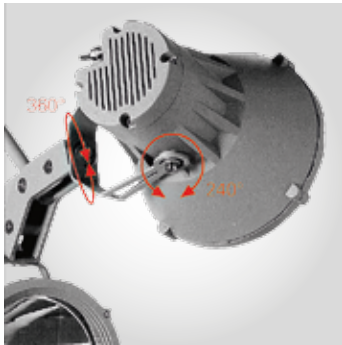
RESIDENTIAL



URBAN



spotlight aim adjustment



rotation options



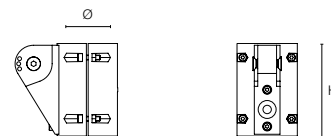
tie rod joint

pole-arm joint

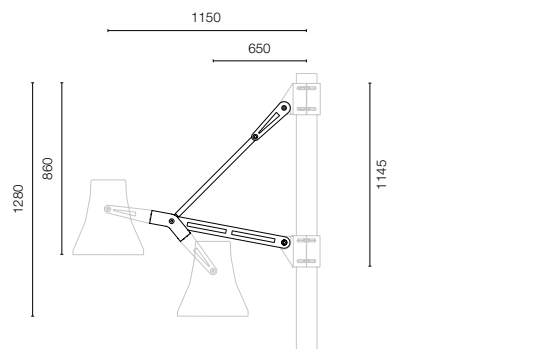


single joint

Ø 60	H = 155	78000.
Ø 89	H = 155	78004.
Ø 102	H = 155	78008.
Ø 120	H = 155	78012.
Ø 142	H = 180	78016.
Ø 171	H = 180	78020.

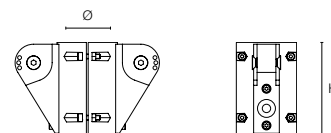


single Twin 1 arm
code **78042.**

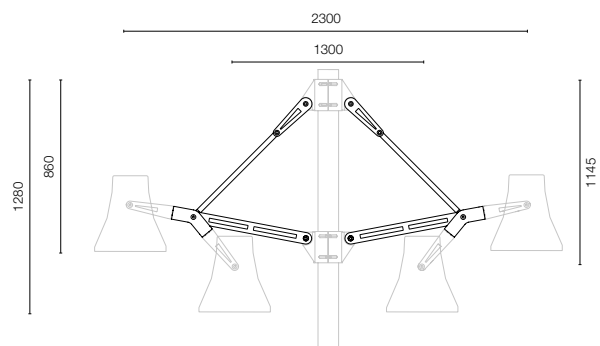


double joint

Ø 60	H = 155	78001.
Ø 89	H = 155	78005.
Ø 102	H = 155	78009.
Ø 120	H = 155	78013.
Ø 142	H = 180	78017.
Ø 171	H = 180	78021.



double Twin 1 arm
code **78045.**



GUIDE TO ORDERING



+



+



+



fixture

pole

joint (1-piece pack)

arm



HOSPITALITY



RESIDENTIAL



URBAN



tie rod attachment



pole-arm attachment



spotlight aim adjustment

rotation options

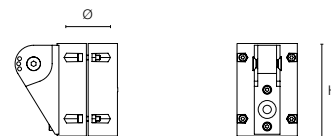


32 86 79

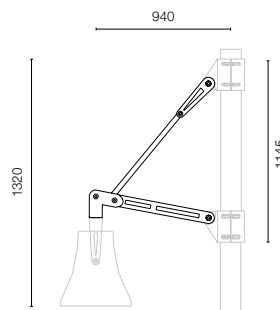


single joint

Ø 60	H = 155	78000.
Ø 89	H = 155	78004.
Ø 102	H = 155	78008.
Ø 120	H = 155	78012.
Ø 142	H = 180	78016.
Ø 171	H = 180	78020.

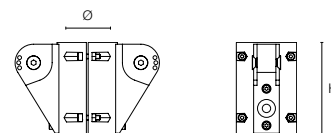


single Twin 2 arm
code **78041.**

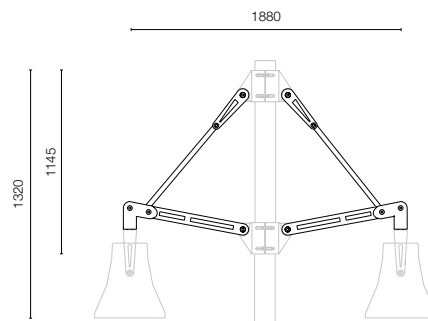


double joint

Ø 60	H = 155	78001.
Ø 89	H = 155	78005.
Ø 102	H = 155	78009.
Ø 120	H = 155	78013.
Ø 142	H = 180	78017.
Ø 171	H = 180	78021.



double Twin 2 arm
code **78044.**



GUIDE TO ORDERING



+



+



+



fixture

pole

joint (1-piece pack)

arm



HOSPITALITY



RESIDENTIAL



URBAN



tie rod attachment



pole-arm attachment



spotlight aim adjustment

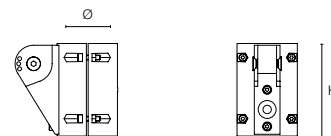
rotation options



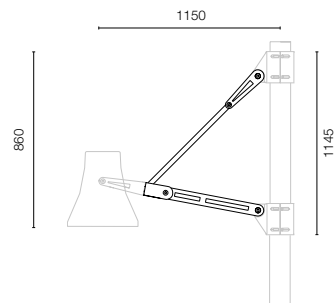


single joint

Ø 60	H = 155	78000.
Ø 89	H = 155	78004.
Ø 102	H = 155	78008.
Ø 120	H = 155	78012.
Ø 142	H = 180	78016.
Ø 171	H = 180	78020.

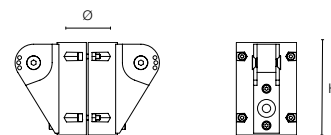


single Twin 3 arm
code **78040.**

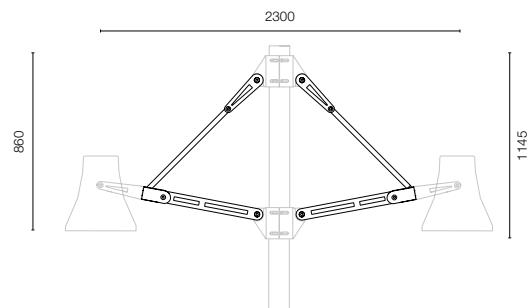


double joint

Ø 60	H = 155	78001.
Ø 89	H = 155	78005.
Ø 102	H = 155	78009.
Ø 120	H = 155	78013.
Ø 142	H = 180	78017.
Ø 171	H = 180	78021.



double Twin 3 arm
code **78043.**



GUIDE TO ORDERING



+



+



+



fixture

pole

joint (1-piece pack)

arm



HOSPITALITY



RESIDENTIAL



URBAN

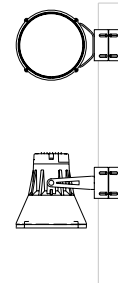
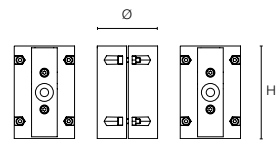


32 86 79



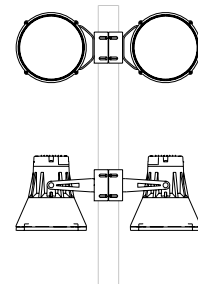
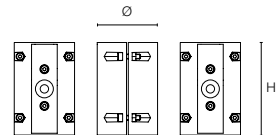
single joint

Ø 60	H = 155	78150.
Ø 89	H = 155	78152.
Ø 102	H = 155	78154.
Ø 120	H = 155	78156.
Ø 142	H = 180	78158.
Ø 171	H = 180	78160.



double joint

Ø 60	H = 155	78151.
Ø 89	H = 155	78153.
Ø 102	H = 155	78155.
Ø 120	H = 155	78157.
Ø 142	H = 180	78159.
Ø 171	H = 180	78161.



GUIDE TO ORDERING



+



+



fixture

pole

joint (1-piece pack)





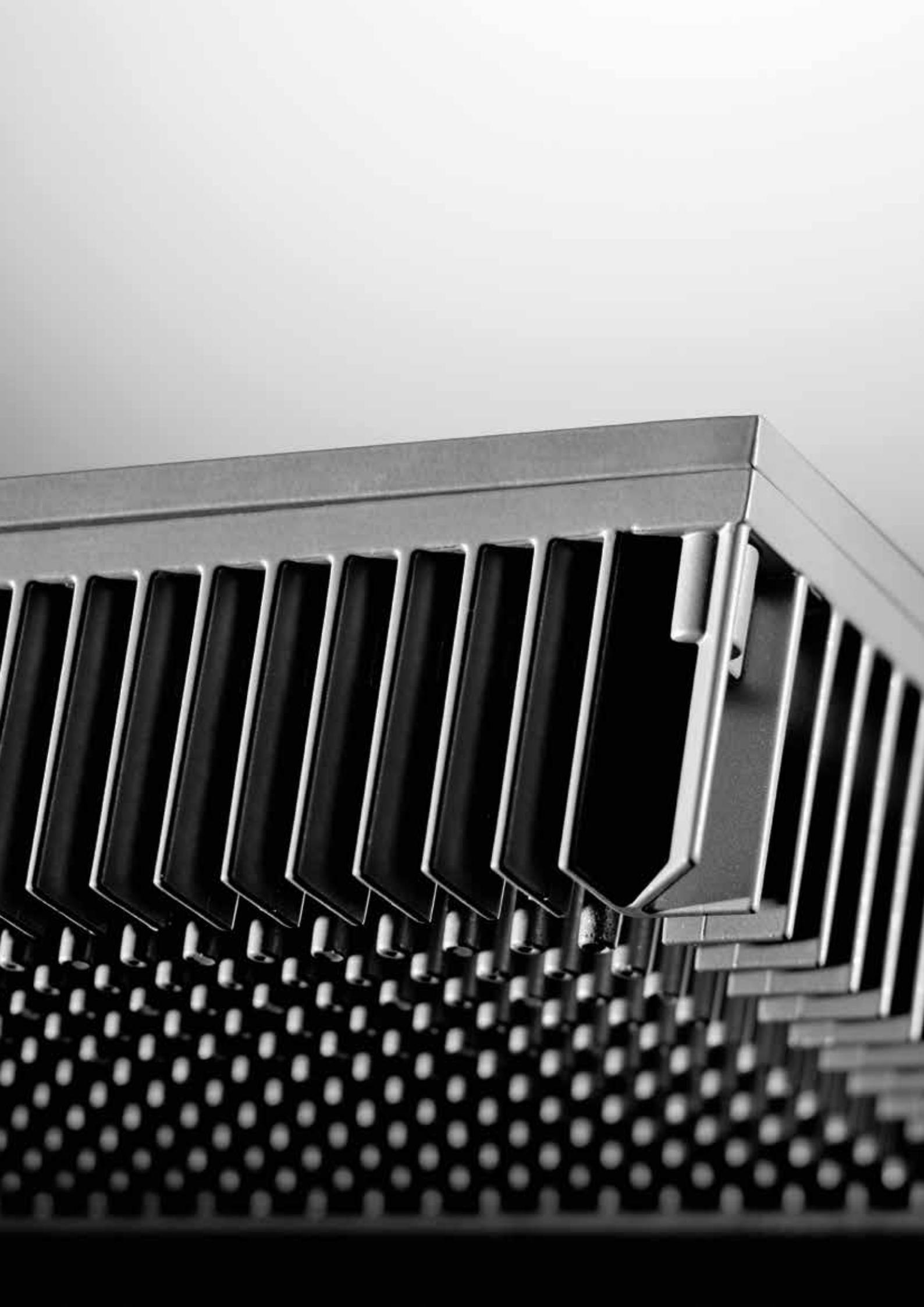




AVEPLANE

DESIGN: MARTINI STAFF

Satisfying multiple architectural lighting requirements with a single product is the goal shared by many lighting designers. Aveplane fulfils this mission with its compact, essential design while always looking at the future thanks to the high-performance LED Array sources.





Body

Die-cast aluminium alloy structure with rear fins, equipped with internal pressure compensation valve to avoid component overheating. Protective glass fixed to the body by means of automatic silicone sealing. Adjustable back bracket for ground, wall or ceiling installation. The body is subjected to anodising and then treated with polyester-based powder paint finish.

Light sources

24 or 36 white LEDs available in Neutral white (4000K) and Warm white (3000K).

Emissions

Spot, medium, flood and wide symmetrical distribution, medium and wide elliptical distribution available.

Power supply

Integrated electronic control gear.

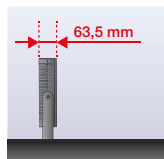
Accessories

Back cover.

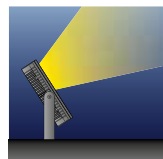
Colours

White, grey and corten finish.

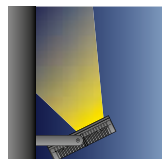
small thickness



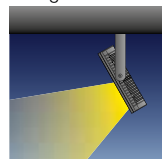
floor mounted



wall mounted



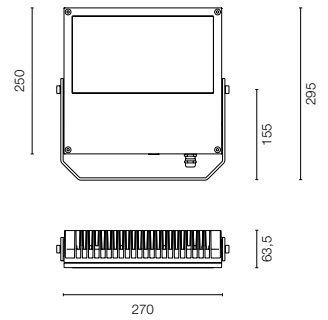
ceiling mounted



11 68 79



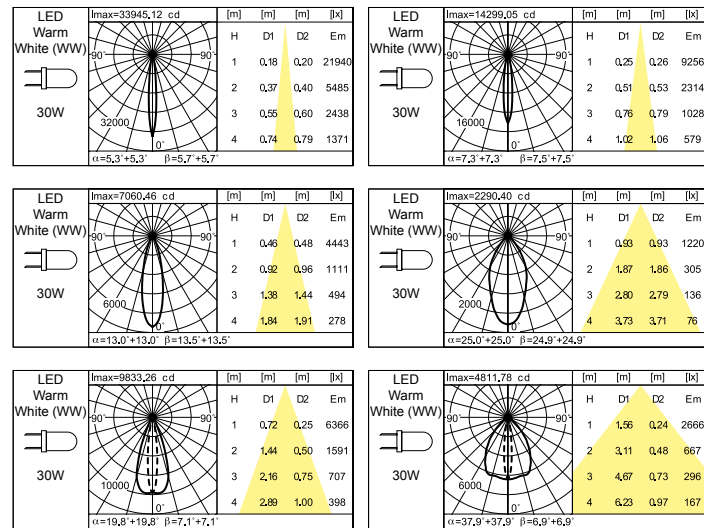
Source	Power	Φ [lm]	Color temperature [K]	CRI	Beam	W [Kg]	Code
24 LED	30W	2750	4000	>75	spot	7,00	78755._NW
24 LED	30W	2400	3000	80	spot	7,00	78755._WW
24 LED	30W	2750	4000	>75	medium	7,00	78756._NW
24 LED	30W	2400	3000	80	medium	7,00	78756._WW
24 LED	30W	2750	4000	>75	flood	7,00	78757._NW
24 LED	30W	2400	3000	80	flood	7,00	78757._WW
24 LED	30W	2750	4000	>75	wide	7,00	78758._NW
24 LED	30W	2400	3000	80	wide	7,00	78758._WW
24 LED	30W	2750	4000	>75	elliptic medium	7,00	78759._NW
24 LED	30W	2400	3000	80	elliptic medium	7,00	78759._WW
24 LED	30W	2750	4000	>75	elliptic wide	7,00	78760._NW
24 LED	30W	2400	3000	80	elliptic wide	7,00	78760._WW



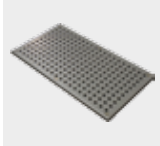
24 LED	45W	3850	4000	>75	spot	7,00	78797._NW
24 LED	45W	3400	3000	80	spot	7,00	78797._WW
24 LED	45W	3850	4000	>75	medium	7,00	78798._NW
24 LED	45W	3400	3000	80	medium	7,00	78798._WW
24 LED	45W	3850	4000	>75	flood	7,00	78799._NW
24 LED	45W	3400	3000	80	flood	7,00	78799._WW
24 LED	45W	3850	4000	>75	wide	7,00	78800._NW
24 LED	45W	3400	3000	80	wide	7,00	78800._WW
24 LED	45W	3850	4000	>75	elliptic medium	7,00	78801._NW
24 LED	45W	3400	3000	80	elliptic medium	7,00	78801._WW
24 LED	45W	3850	4000	>75	elliptic wide	7,00	78802._NW
24 LED	45W	3400	3000	80	elliptic wide	7,00	78802._WW



suitable for installation on walls, ceilings and floors



ACCESSORIES



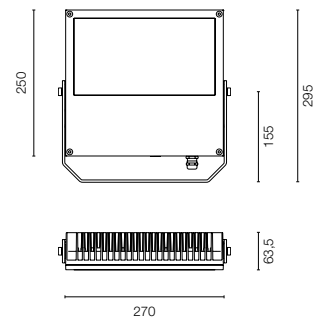
back cover (suggested accessory for light downwards)
code **78809._**



11 68 79



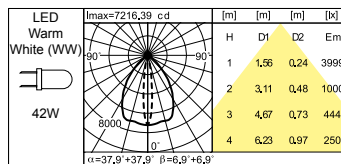
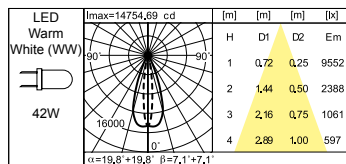
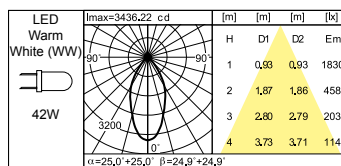
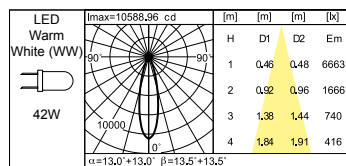
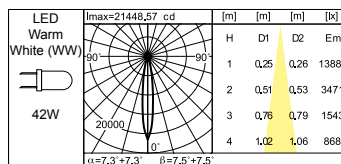
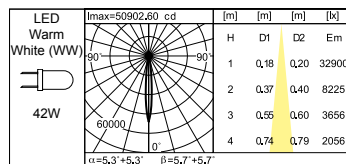
Source	Power	Φ [m]	Color temperature [K]	CRI	Beam	W [Kg]	Code
36 LED	42W	4150	4000	>75	spot	7,00	78761._NW
36 LED	42W	3600	3000	80	spot	7,00	78761._WW
36 LED	42W	4150	4000	>75	medium	7,00	78762._NW
36 LED	42W	3600	3000	80	medium	7,00	78762._WW
36 LED	42W	4150	4000	>75	flood	7,00	78763._NW
36 LED	42W	3600	3000	80	flood	7,00	78763._WW
36 LED	42W	4150	4000	>75	wide	7,00	78764._NW
36 LED	42W	3600	3000	80	wide	7,00	78764._WW
36 LED	42W	4150	4000	>75	elliptic medium	7,00	78765._NW
36 LED	42W	3600	3000	80	elliptic medium	7,00	78765._WW
36 LED	42W	4150	4000	>75	elliptic wide	7,00	78766._NW
36 LED	42W	3600	3000	80	elliptic wide	7,00	78766._WW



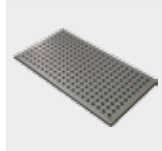
36 LED	64W	5750	4000	>75	spot	7,00	78803._NW
36 LED	64W	5050	3000	80	spot	7,00	78803._WW
36 LED	64W	5750	4000	>75	medium	7,00	78804._NW
36 LED	64W	5050	3000	80	medium	7,00	78804._WW
36 LED	64W	5750	4000	>75	flood	7,00	78805._NW
36 LED	64W	5050	3000	80	flood	7,00	78805._WW
36 LED	64W	5750	4000	>75	wide	7,00	78806._NW
36 LED	64W	5050	3000	80	wide	7,00	78806._WW
36 LED	64W	5750	4000	>75	elliptic medium	7,00	78807._NW
36 LED	64W	5050	3000	80	elliptic medium	7,00	78807._WW
36 LED	64W	5750	4000	>75	elliptic wide	7,00	78808._NW
36 LED	64W	5050	3000	80	elliptic wide	7,00	78808._WW

IP65

suitable for installation on walls, ceilings and floors



ACCESSORIES



back cover (suggested accessory for light downwards)
code **78809._**





MOOVE IP65

DESIGN: MARCO CASAMONTI, ALESSANDRO PAPOTTI

Man always strives to dominate light, shaping it at will. To harness it, we use aesthetics, to guide it we use mechanics: from the blend of these two arts, we have Moove, casing with square, pure lines that receives the light band, sustains it and collects it according to the language of light that best suits the observer.

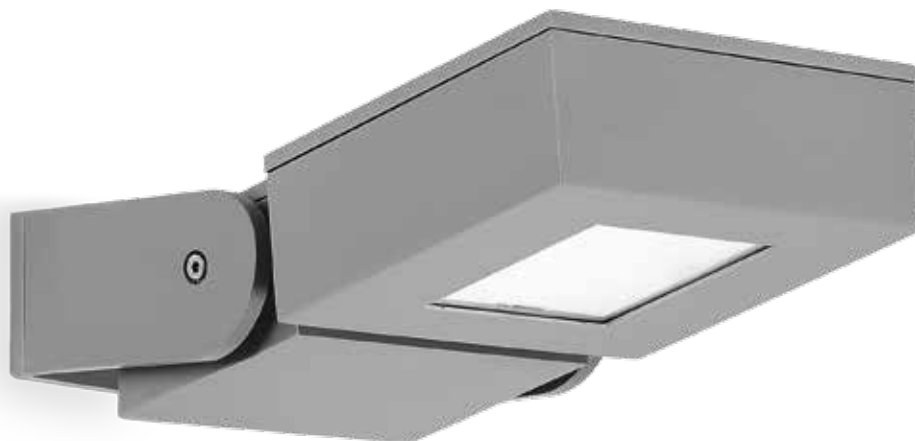


DESIGN: MARCO CASAMONTI, ALESSANDRO PAPOTTI



RESIDENTIAL

URBAN



Body

Die-cast aluminium fixture, with powder coating finish and tempered glass screen. The lamp compartment can be tilted $\pm 20^\circ$ around the horizontal axis and fixed in any position. The wiring compartment is separated from the lamp compartment in order to limit the effects of heat.

Light sources

Metal halide lamps, 70W and 150W. 230W Linear halogen lamps.

Emissions

Symmetric and asymmetric parabolic optics on mono-emission versions. Symmetric reflector on bi-emission versions.

Power supply

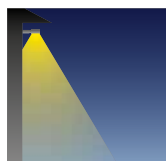
Power factor corrected electromagnetic ballast for metal halide versions. Powered from the electricity mains for halogen lamp version.

Colors

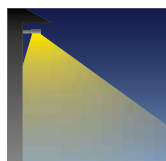
Satin-finish grey or anthracite grey.

lamp compartment rotation of $\pm 110^\circ$ on the horizontal axis

symmetrical emission



asymmetrical emission

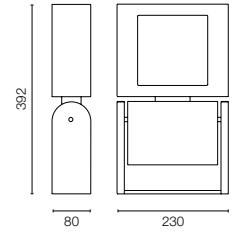
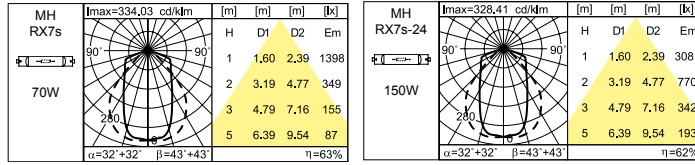


SYMMETRICAL AND ASYMMETRICAL EMISSION



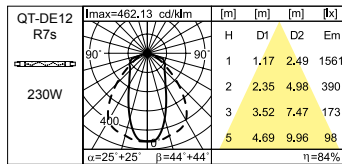
Source	Power	Socket	W [kg]	Code
MH RX7s	70W	RX7s	7.80	76030 ._
MH	150W	RX7s-24	8.50	76032 ._

symmetrical emission



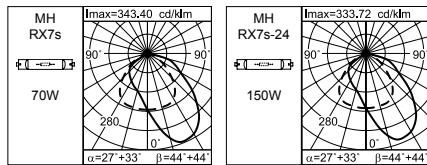
Source	Power	Socket	W [kg]	Code
AL QT-DE12	230W	R7s	6.40	76034 ._

symmetrical emission



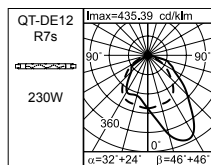
Source	Power	Socket	W [kg]	Code
MH	70W	RX7s	7.80	76035 ._
MH	150W	RX7s-24	8.50	76037 ._

asymmetrical emission



Source	Power	Socket	W [kg]	Code
AL QT-DE12	230W	R7s	6.40	76039 ._

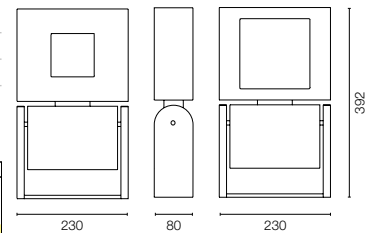
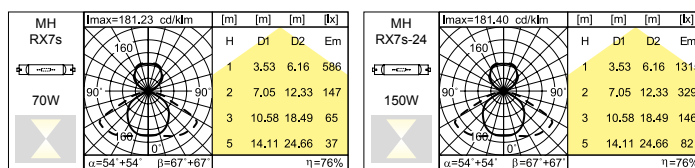
asymmetrical emission



DIRECT/INDIRECT EMISSION



Source	Power	Socket	W [kg]	Code
MH	70W	RX7s	7.80	76031 ._
MH	150W	RX7s-24	8.50	76033 ._









MARTINO

DESIGN: MARTINI STAFF

Accents of light enliven surfaces,
telling about textures and colours.
With Martino, lighting becomes
a playful, creative game under all
aspects.



DESIGN: MARTINI STAFF



body rotation of 180°



position locking

Body

Extruded aluminium body with die-cast aluminium bezel, tempered glass and die-cast aluminium back cover. Folded sheet bracket and plastic adjustment handle.

Light sources

35W, 70W and 150W metal halide lamps and 150W QT-32 halogen lamp.

Emissions

Medium optics available for all versions.

Power supply

Integrated electromagnetic power supply for metal halide versions; direct from the electricity mains for halogen version.

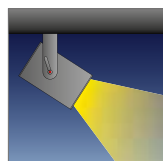
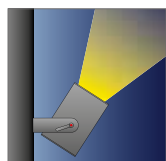
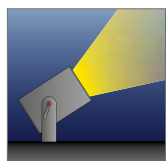
Colours

Satin-finish grey and anthracite grey.

floor installation

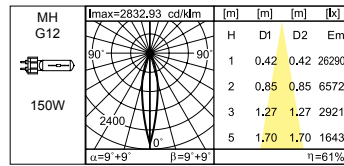
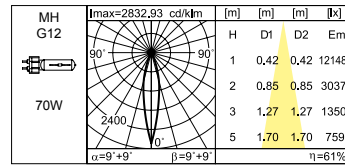
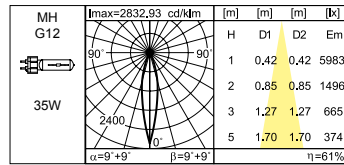
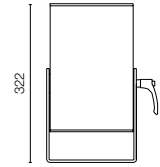
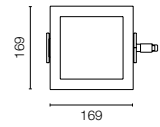
wall installation

ceiling installation





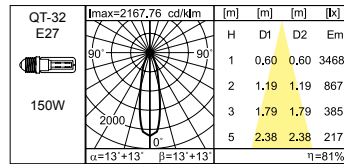
Source	Power	Socket	W [kg]	Code
MH	35W	G12	5.80	76710. _
MH	70W	G12	6.50	76711. _
MH	150W	G12	7.00	76712. _



Source	Power	Socket	W [kg]	Code
AL QT-32	150W	E27	4.00	76714. _



use Osram Halolux Ceram lamps only





SELVA

DESIGN: MARTINI STAFF

Being able to play with colour and absolute white was a privilege that up until a short time ago had been reserved to stage designers alone. Colour was a complicated matter, to a large extent unknown, but the advent of LED has waylaid these beliefs. Selva grasps this new opportunity for expression, giving light all the power available to it, for ever-new settings of unexpected beauty.



SELVA SPOTLIGHT



SELVA MINILINEAR SPOTLIGHT

SELVA MINILINEAR
OVERLAPPED SPOTLIGHT



SELVA LINEAR SPOTLIGHT





Body

Adjustable die-cast aluminium head with rear fins to disperse the heat; optical assembly consisting of secondary TIR system, extra-clear 4mm thick protective glass screen hooked to the head by means of a die-cast frame; screws in stainless steel. Base with front display for standalone function on which to install the metal support bracket enabling a rotation of $\pm 45^\circ$ around the vertical axis and $-75^\circ/+15^\circ$ around the horizontal one.

Light sources

48 multi-chip white LEDs in Warm white (3000K), Neutral white (4000K) or Dynamic white (ranging from 2700K and 6000K) version; the RGBW version has 48 multi-chip LEDs.

Emissions

Spot, medium and flood emission available for all versions.

Power supply

Integrated electronic control gear.

Colors

Satin-finish grey and anthracite grey.

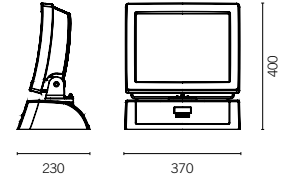


WHITE LED



Source	Power	Φ [lm]	Color temperature [K]	CRI	Optic	W [Kg]	Code
48 LED	240W	15500	4000	>75	S	15,0	78620._NW
48 LED	240W	13900	3000	80	S	15,0	78620._WW
48 LED	240W	15500	4000	>75	M	15,0	78621._NW
48 LED	240W	13900	3000	80	M	15,0	78621._WW
48 LED	240W	15500	4000	>75	F	15,0	78622._NW
48 LED	240W	13900	3000	80	F	15,0	78622._WW

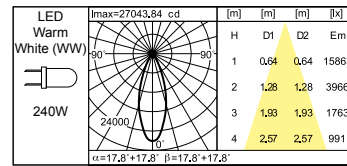
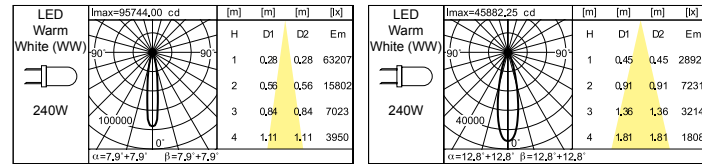
IP65



Source	Power	Φ [lm]	Color temperature [K]	CRI	Optic	W [Kg]	Code
48 LED	240W	15500	4000	>75	S	15,0	78630._NW
48 LED	240W	13900	3000	80	S	15,0	78630._WW
48 LED	240W	15500	4000	>75	M	15,0	78631._NW
48 LED	240W	13900	3000	80	M	15,0	78631._WW
48 LED	240W	15500	4000	>75	F	15,0	78632._NW
48 LED	240W	13900	3000	80	F	15,0	78632._WW

IP65

wireless
for wireless accessories, see page 548



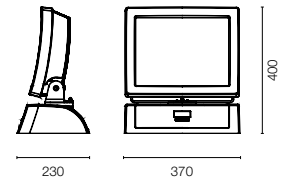
WHITE DYNAMIC LED



Source	Power	Φ [lm]	Color temperature [K]	Optic	W [Kg]	Code
48 LED	240W	12500	2700-6000	S	15,0	80086._DW
48 LED	240W	12500	2700-6000	M	15,0	80087._DW
48 LED	240W	12500	2700-6000	F	15,0	80088._DW

IP65

DMX512 color controller, see page 548



Source	Power	Φ [lm]	Color temperature [K]	Optic	W [Kg]	Code
48 LED	240W	12500	2700-6000	S	15,0	80089._DW
48 LED	240W	12500	2700-6000	M	15,0	80090._DW
48 LED	240W	12500	2700-6000	F	15,0	80091._DW

IP65

wireless
DMX512 color controller, see page 548
accessories for wireless, see page 548

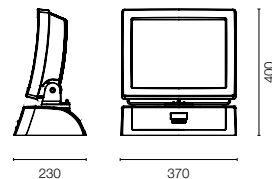
RGBW LED



Source	Power	Φ [lm]	Color temperature [K]	CRI	Optic	W [Kg]	Code
48 LED	240W	11000	/	/	S	15,0	78625 ..__
48 LED	240W	11000	/	/	M	15,0	78626 ..__
48 LED	240W	11000	/	/	F	15,0	78627 ..__



DMX512 color controller, see page 548



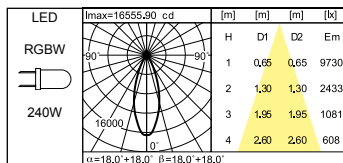
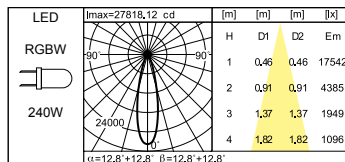
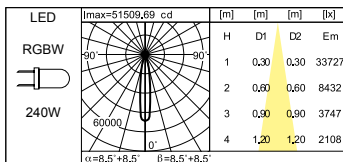
Source	Power	Φ [lm]	Color temperature [K]	CRI	Optic	W [Kg]	Code
48 LED	240W	11000	/	/	S	15,0	78635 ..__
48 LED	240W	11000	/	/	M	15,0	78636 ..__
48 LED	240W	11000	/	/	F	15,0	78637 ..__



wireless

DMX512 color controller, see page 548

accessories for wireless, see page 548





Body

Adjustable body in three versions (960x142 mm, 530x142 mm single and overlaid) die-cast aluminium head with rear finned heatsink; optical assembly consisting of secondary TIR system, extra-clear 4 mm thick protective glass screen hooked to the head by means of a die-cast frame; screws in stainless steel. Base with front display for standalone function on which to install the support steel bracket enabling a rotation of $\pm 45^\circ$ around the vertical axis and $-75^\circ/+15^\circ$ around the horizontal one. Available in a version with wireless system.

Light sources

24 or 48 multi-chip white LEDs in Warm white (3000K), Neutral white (4000K) or Dynamic white (ranging from 2700K and 6000K) version; the RGBW version has 24 or 48 multi-chip LEDs.

Emissions

Spot, medium, flood and elliptic emission available for all versions.

Power supply

Integrated electronic control gear.

Colors

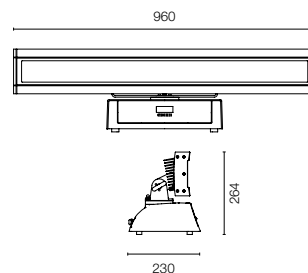
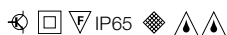
Satin-finish grey and anthracite grey.



WHITE LED



Source	Power	Φ [lm]	Color temperature [K]	CRI	Optic	W [Kg]	Code
48 LED	240W	15500	4000	>75	S	18,5	78652._NW
48 LED	240W	13900	3000	80	S	18,5	78652._WW
48 LED	240W	15500	4000	>75	M	18,5	78653._NW
48 LED	240W	13900	3000	80	M	18,5	78653._WW
48 LED	240W	15500	4000	>75	F	18,5	78654._NW
48 LED	240W	13900	3000	80	F	18,5	78654._WW
48 LED	240W	15500	4000	>75	E	18,5	78676._NW
48 LED	240W	13900	3000	80	E	18,5	78676._WW

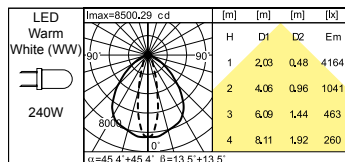
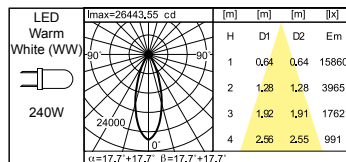
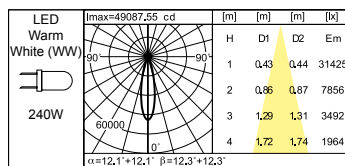
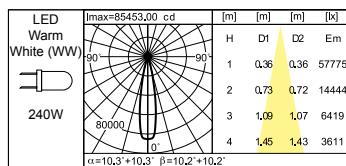


Source	Power	Φ [lm]	Color temperature [K]	CRI	Optic	W [Kg]	Code
48 LED	240W	15500	4000	>75	S	18,5	78664._NW
48 LED	240W	13900	3000	80	S	18,5	78664._WW
48 LED	240W	15500	4000	>75	M	18,5	78665._NW
48 LED	240W	13900	3000	80	M	18,5	78665._WW
48 LED	240W	15500	4000	>75	F	18,5	78666._NW
48 LED	240W	13900	3000	80	F	18,5	78666._WW
48 LED	240W	15500	4000	>75	E	18,5	78677._NW
48 LED	240W	13900	3000	80	E	18,5	78677._WW



wireless

accessories for wireless, see page 548



WHITE DYNAMIC LED



Source	Power	Φ [lm]	Color temperature [K]	Optic	W [Kg]	Code
48 LED	240W	12500	2700-6000	S	18,5	80092_DW
48 LED	240W	12500	2700-6000	M	18,5	80093_DW
48 LED	240W	12500	2700-6000	F	18,5	80094_DW
48 LED	240W	12500	2700-6000	E	18,5	80095_DW



DMX512 color controller, see page 548

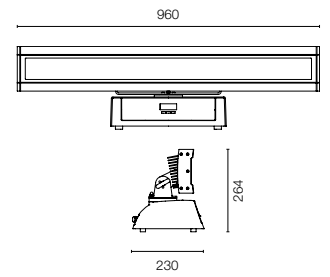
Source	Power	Φ [lm]	Color temperature [K]	Optic	W [Kg]	Code
48 LED	240W	12500	2700-6000	S	18,5	80096_DW
48 LED	240W	12500	2700-6000	M	18,5	80097_DW
48 LED	240W	12500	2700-6000	F	18,5	80098_DW
48 LED	240W	12500	2700-6000	E	18,5	80099_DW



wireless

DMX512 color controller, see page 548

accessories for wireless, see page 548



RGBW LED



Source	Power	Φ [lm]	Color temperature [K]	CRI	Optic	W [Kg]	Code
48 LED	240W	11000	/	/	S	18,5	78658_
48 LED	240W	11000	/	/	M	18,5	78659_
48 LED	240W	11000	/	/	F	18,5	78660_
48 LED	240W	11000	/	/	E	18,5	78678_



DMX512 color controller, see page 548

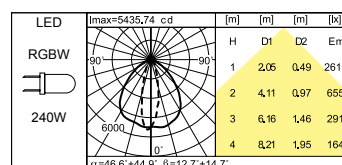
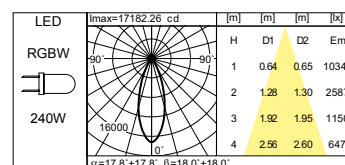
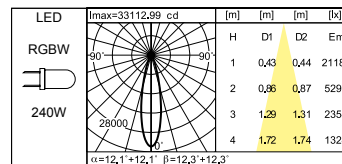
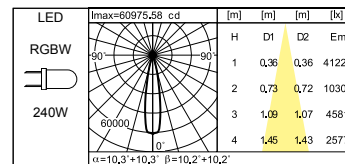
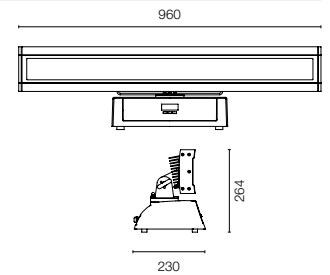
Source	Power	Φ [lm]	Color temperature [K]	CRI	Optic	W [Kg]	Code
48 LED	240W	11000	/	/	S	18,5	78670_
48 LED	240W	11000	/	/	M	18,5	78671_
48 LED	240W	11000	/	/	F	18,5	78672_
48 LED	240W	11000	/	/	E	18,5	78679_



wireless

DMX512 color controller, see page 548

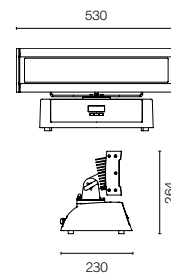
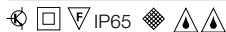
accessories for wireless, see page 548



WHITE LED



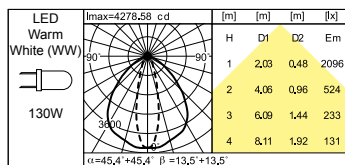
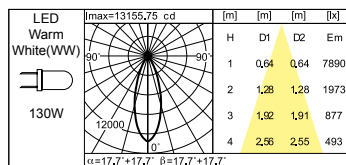
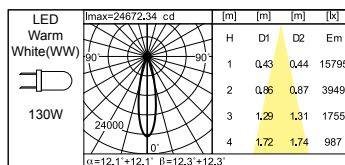
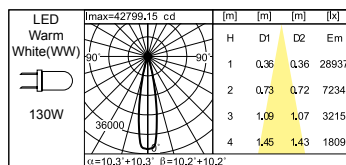
Source	Power	Φ [lm]	Color temperature [K]	CRI	Optic	W [Kg]	Code
24 LED	130W	7750	4000	>75	S	16,0	78655._NW
24 LED	130W	6950	3000	80	S	16,0	78655._WW
24 LED	130W	7750	4000	>75	M	16,0	78656._NW
24 LED	130W	6950	3000	80	M	16,0	78656._WW
24 LED	130W	7750	4000	>75	F	16,0	78657._NW
24 LED	130W	6950	3000	80	F	16,0	78657._WW
24 LED	130W	7750	4000	>75	E	16,0	78690._NW
24 LED	130W	6950	3000	80	E	16,0	78690._WW



Source	Power	Φ [lm]	Color temperature [K]	CRI	Optic	W [Kg]	Code
24 LED	130W	7750	4000	>75	S	16,0	78667._NW
24 LED	130W	6950	3000	80	S	16,0	78667._WW
24 LED	130W	7750	4000	>75	M	16,0	78668._NW
24 LED	130W	6950	3000	80	M	16,0	78668._WW
24 LED	130W	7750	4000	>75	F	16,0	78669._NW
24 LED	130W	6950	3000	80	F	16,0	78669._WW
24 LED	130W	7750	4000	>75	E	16,0	78691._NW
24 LED	130W	6950	3000	80	E	16,0	78691._WW



wireless
accessories for wireless, see page 548



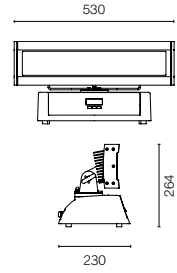
WHITE DYNAMIC LED



Source	Power	Φ [lm]	Color temperature [K]	Optic	W [Kg]	Code
24 LED	130W	6250	2700-6000	S	16,0	80110._DW
24 LED	130W	6250	2700-6000	M	16,0	80111._DW
24 LED	130W	6250	2700-6000	F	16,0	80112._DW
24 LED	130W	6250	2700-6000	E	16,0	80113._DW

☑ ☑ IP65 ⚡ ⚠ ⚠

DMX512 color controller, see page 548



Source	Power	Φ [lm]	Color temperature [K]	Optic	W [Kg]	Code
24 LED	130W	6250	2700-6000	S	16,0	80114._DW
24 LED	130W	6250	2700-6000	M	16,0	80115._DW
24 LED	130W	6250	2700-6000	F	16,0	80116._DW
24 LED	130W	6250	2700-6000	E	16,0	80117._DW

☑ ☑ IP65 📶 ⚡ ⚠ ⚠

wireless

DMX512 color controller, see page 548

accessories for wireless, see page 548

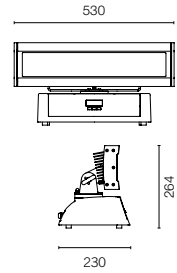
RGBW LED



Source	Power	Φ [lm]	Color temperature [K]	CRI	Optic	W [Kg]	Code
24 LED	130	5500	/	/	S	16,0	78661._
24 LED	130	5500	/	/	M	16,0	78662._
24 LED	130	5500	/	/	F	16,0	78663._
24 LED	130	5500	/	/	E	16,0	78692._

🌈 ☑ ☑ IP65 ⚡ ⚠ ⚠

DMX512 color controller, see page 548



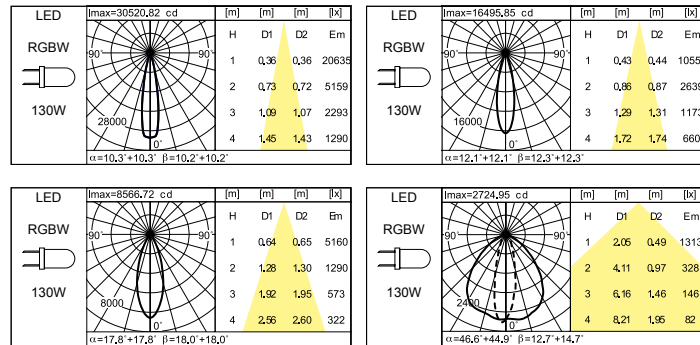
Source	Power	Φ [lm]	Color temperature [K]	CRI	Optic	W [Kg]	Code
24 LED	130	5500	/	/	S	16,0	78673._
24 LED	130	5500	/	/	M	16,0	78674._
24 LED	130	5500	/	/	F	16,0	78675._
24 LED	130	5500	/	/	E	16,0	78693._

🌈 ☑ ☑ IP65 ⚡ ⚠ ⚠

wireless

DMX512 color controller, see page 548

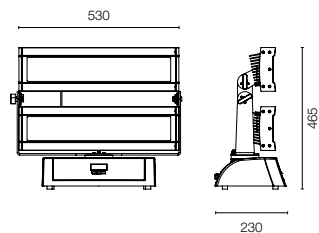
accessories for wireless, see page 548



WHITE LED



Source	Power	Φ [lm]	Color temperature [K]	CRI	Optic	W [Kg]	Code
48 LED	240W	7750	4000	>75	S	23,5	79973._NW
48 LED	240W	6950	3000	80	S	23,5	79973._WW
48 LED	240W	7750	4000	>75	M	23,5	79974._NW
48 LED	240W	6950	3000	80	M	23,5	79974._WW
48 LED	240W	7750	4000	>75	F	23,5	79975._NW
48 LED	240W	6950	3000	80	F	23,5	79975._WW
48 LED	240W	7750	4000	>75	E	23,5	79976._NW
48 LED	240W	6950	3000	80	E	23,5	79976._WW

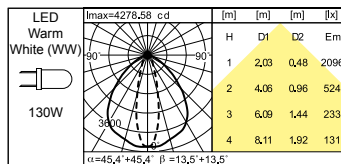
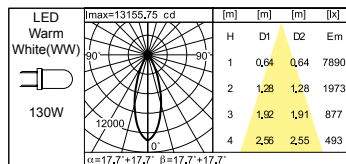
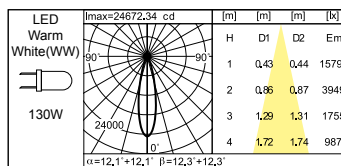
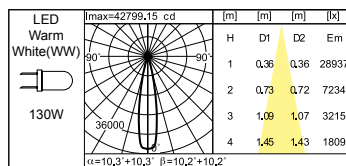


the data of the luminous flux refer to single module

Source	Power	Φ [lm]	Color temperature [K]	CRI	Optic	W [Kg]	Code
48 LED	240W	7750	4000	>75	S	23,5	79977._NW
48 LED	240W	6950	3000	80	S	23,5	79977._WW
48 LED	240W	7750	4000	>75	M	23,5	79978._NW
48 LED	240W	6950	3000	80	M	23,5	79978._WW
48 LED	240W	7750	4000	>75	F	23,5	79979._NW
48 LED	240W	6950	3000	80	F	23,5	79979._WW
48 LED	240W	7750	4000	>75	E	23,5	79980._NW
48 LED	240W	6950	3000	80	E	23,5	79980._WW



wireless
the data of the luminous flux refer to single module
accessories for wireless, see page 548



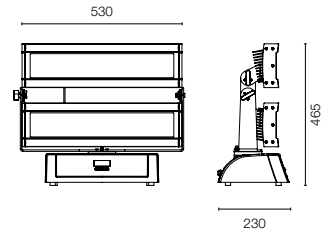
WHITE DYNAMIC LED



Source	Power	Φ [lm]	Color temperature [K]	Optic	W [Kg]	Code
48 LED	240W	6250	2700-6000	S	23,5	80100. _DW
48 LED	240W	6250	2700-6000	M	23,5	80101. _DW
48 LED	240W	6250	2700-6000	F	23,5	80102. _DW
48 LED	240W	6250	2700-6000	E	23,5	80103. _DW

☑ ☐ ▽ IP65 ⚡ ⚠ ⚠

the data of the luminous flux refer to single module
DMX512 color controller, see page 548



Source	Power	Φ [lm]	Color temperature [K]	Optic	W [Kg]	Code
48 LED	240W	6250	2700-6000	S	23,5	80104. _DW
48 LED	240W	6250	2700-6000	M	23,5	80105. _DW
48 LED	240W	6250	2700-6000	F	23,5	80106. _DW
48 LED	240W	6250	2700-6000	E	23,5	80107. _DW

☑ ☐ ▽ IP65 ⚡ ⚠ ⚠

wireless
DMX512 color controller, see page 548
accessories for wireless, see page 548

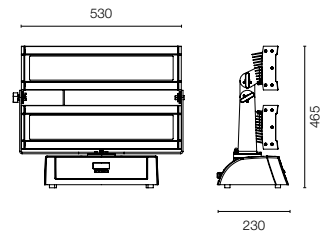
LED RGBW



Source	Power	Φ [lm]	Color temperature [K]	Optic	W [Kg]	Code
48 LED	240W	5500	-	S	23,5	79981. _
48 LED	240W	5500	-	M	23,5	79982. _
48 LED	240W	5500	-	F	23,5	79983. _
48 LED	240W	5500	-	E	23,5	79984. _

☑ ☐ ▽ IP65 ⚡ ⚠ ⚠

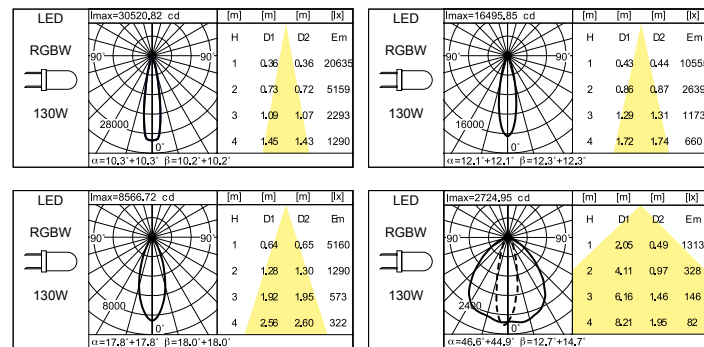
the data of the luminous flux refer to single module
DMX512 color controller, see page 548



Source	Power	Φ [lm]	Color temperature [K]	Optic	W [Kg]	Code
48 LED	240W	5500	-	S	23,5	79985. _
48 LED	240W	5500	-	M	23,5	79986. _
48 LED	240W	5500	-	F	23,5	79987. _
48 LED	240W	5500	-	E	23,5	79988. _

☑ ☐ ▽ IP65 ⚡ ⚠ ⚠

wireless
the data of the luminous flux refer to single module
accessories for wireless, see page 548





МИХАЙЛОВСКИЙ
ПЬЕСА
Паяцы

Two small figures of people standing near the entrance of the building.





AVELINE

DESIGN: MARTINI STAFF

Describing with light is an artistic, yet at the same time scientific, gesture, which successfully brings evocative attitudes to meet with technical skills. Aveline is well-suited to these design situations, in which it is important to be able to work with volumes and surfaces, causing the look of the product to emerge.





HOSPITALITY



RESIDENTIAL



URBAN



Body

Extruded aluminium body in various lengths with 49x63mm cross-sectional dimensions and powder-coated die-cast aluminium end caps. Extra-clear tempered closing glass sealed to the body with silicone material. Complete with neoprene cable and cable clamp.

Light sources

6, 12, 18, 24 or 30 white LEDs, available in Neutral white (4000K) and Warm white (3000K) versions.

Emissions

Symmetrical light distribution with 22° and 39° beam and elliptical emission 15°x44°.

Power supply

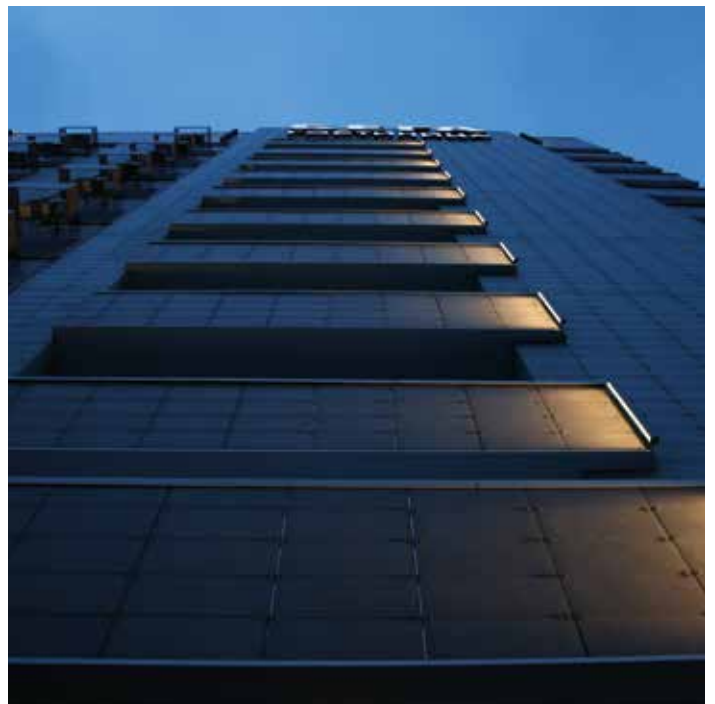
Integrated electronic control gear.

Accessories

50mm and 100mm fixed brackets and extendable brackets from 195mm to 295mm in length.

Colors

White, grey and corten finish.



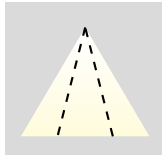
symmetrical~ 22°



symmetrical~ 39°

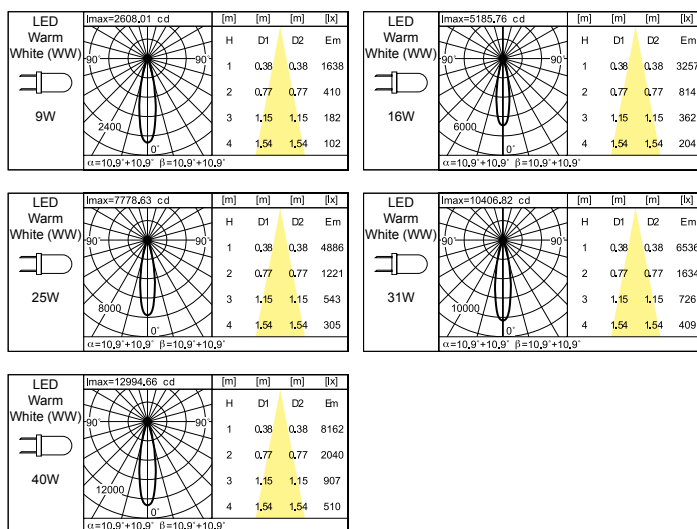
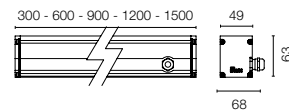


elliptical ~ 15°/44°





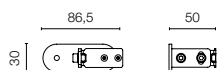
Source	Power	Φ [mm]	Color temperature [K]	L [mm]	W [kg]	Code
6 LED	9W	700	4000	300	1,30	80040._NW
12 LED	16W	1400	4000	600	2,35	80043._NW
18 LED	25W	2100	4000	900	3,50	80046._NW
24 LED	31W	2800	4000	1200	4,50	80049._NW
30 LED	40W	3400	4000	1500	5,50	80052._NW
6 LED	9W	600	3000	300	1,30	80040._WW
12 LED	16W	1200	3000	600	2,35	80043._WW
18 LED	25W	1800	3000	900	3,50	80046._WW
24 LED	31W	2400	3000	1200	4,50	80049._WW
30 LED	40W	3000	3000	1500	5,50	80052._WW



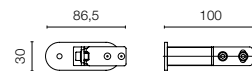
ACCESSORIES



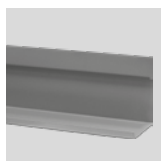
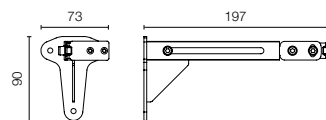
fixed brackets L=50 mm
code **91161._**



fixed brackets L=100 mm
code **91162._**



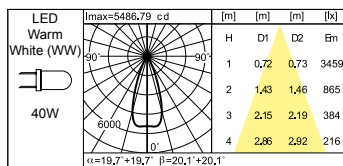
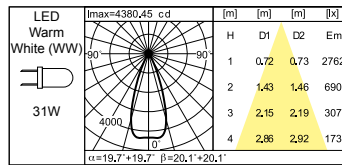
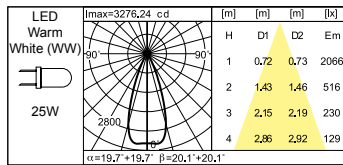
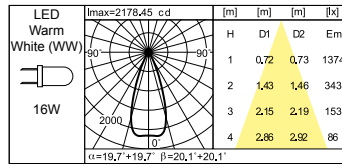
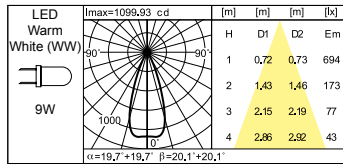
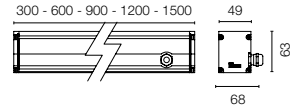
extendable brackets
L=195-295 mm
code **91160._**



Cut-Off sheet
L=300 code **91225._**
L=600 code **91226._**
L=900 code **91227._**
L=1200 code **91228._**
L=1500 code **91229._**



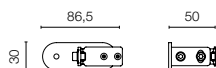
Source	Power	Φ [lm]	Color temperature [K]	L [mm]	W [Kg]	Code
6 LED	9W	700	4000	300	1,30	80041._NW
12 LED	16W	1400	4000	600	2,35	80044._NW
18 LED	25W	2100	4000	900	3,50	80047._NW
24 LED	31W	2800	4000	1200	4,50	80050._NW
30 LED	40W	3400	4000	1500	5,50	80053._NW
6 LED	9W	600	3000	300	1,30	80041._WW
12 LED	16W	1200	3000	600	2,35	80044._WW
18 LED	25W	1800	3000	900	3,50	80047._WW
24 LED	31W	2400	3000	1200	4,50	80050._WW
30 LED	40W	3000	3000	1500	5,50	80053._WW



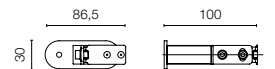
ACCESSORIES



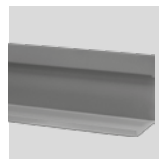
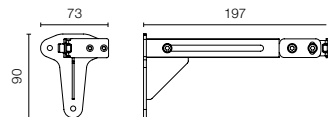
fixed brackets L=50 mm
code **91161._**



fixed brackets L=100 mm
code **91162._**



extendable brackets
L=195-295 mm
code **91160._**

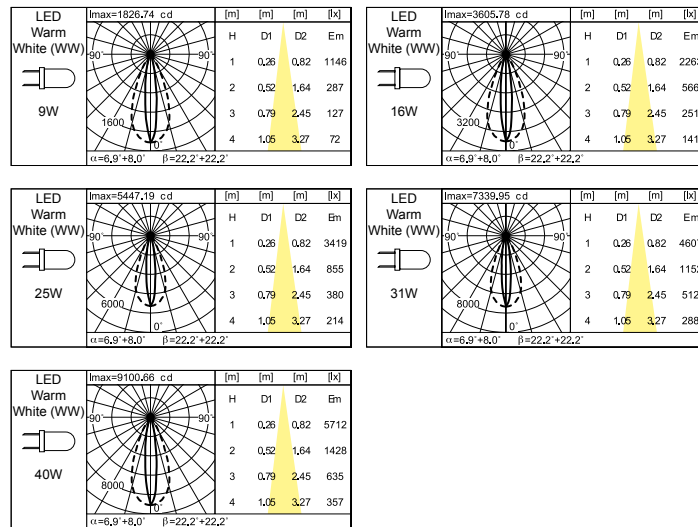
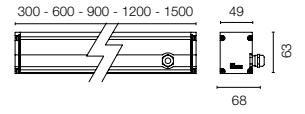


Cut-Off sheet
L=300 code **91225._**
L=600 code **91226._**
L=900 code **91227._**
L=1200 code **91228._**
L=1500 code **91229._**

□ 11 ■ 68 ■ 79



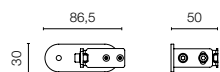
Source	Power	Φ [mm]	Color temperature [K]	L [mm]	W [kg]	Code
6 LED	9W	700	4000	300	1,30	80042._NW
12 LED	16W	1400	4000	600	2,35	80045._NW
18 LED	25W	2100	4000	900	3,50	80048._NW
24 LED	31W	2800	4000	1200	4,50	80051._NW
30 LED	40W	3400	4000	1500	5,50	80054._NW
6 LED	9W	600	3000	300	1,30	80042._WW
12 LED	16W	1200	3000	600	2,35	80045._WW
18 LED	25W	1800	3000	900	3,50	80048._WW
24 LED	31W	2400	3000	1200	4,50	80051._WW
30 LED	40W	3000	3000	1500	5,50	80054._WW



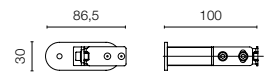
ACCESSORIES



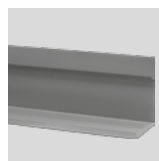
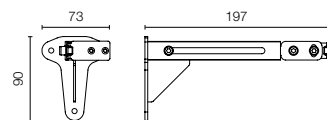
fixed brackets L=50 mm
code **91161._**



fixed brackets L=100 mm
code **91162._**



extendable brackets
L=195-295 mm
code **91160._**



Cut-Off sheet
L=300 code **91225._**
L=600 code **91226._**
L=900 code **91227._**
L=1200 code **91228._**
L=1500 code **91229._**





ATON

DESIGN: MARTINI STAFF

Colour is one of the few architectural elements able to arouse emotional contrasts. Modelling coloured light with a tool such as Aton means to make a dream come true, while creating unique ever-changing life settings.





Body

Extruded aluminium body in various lengths with 56x75mm cross-sectional dimensions and powder-coated die-cast aluminium end caps. Extra-clear tempered closing glass sealed to the body with silicon material. Complete with neoprene cable and cable clamp.

Light sources

8, 12, 16 or 20 Dynamic White (rangng from 2700K to 6000K) or RGBW LEDs.

Emissions

Symmetrical distribution with medium or flood beam angle.

Power supply

Integrated electronic control gear. Controllable via dip-switches for re-programmed lighting scenes and control system compatible with all systems based on the DMX512 standard. Three DMX channels.

Accessories

50mm and 100mm fixed brackets and extendable brackets from 195mm to 295mm in length.

Colors

White, grey and corten finish.

dynamic white LED



RGBW LED

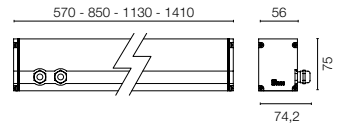


DYNAMIC WHITE LED

□ 11 ■ 68 ■ 79

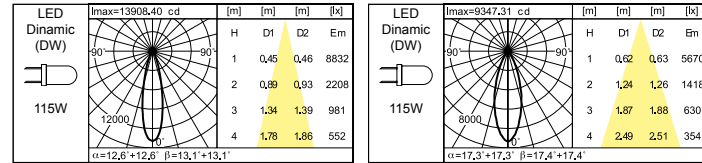


Source	Power	Φ [lm]	Color temperature [K]	Optic	L [mm]	W [Kg]	Code
8 LED	48W	2080	2700-6000	M	570	2,60	80070._DW
8 LED	48W	2080	2700-6000	F	570	2,60	80071._DW
12 LED	75W	3120	2700-6000	M	850	3,85	80072._DW
12 LED	75W	3120	2700-6000	F	850	3,85	80073._DW
16 LED	95W	4160	2700-6000	M	1130	5,00	80074._DW
16 LED	95W	4160	2700-6000	F	1130	5,00	80075._DW
20 LED	115W	5200	2700-6000	M	1410	6,00	80076._DW
20 LED	115W	5200	2700-6000	F	1410	6,00	80077._DW

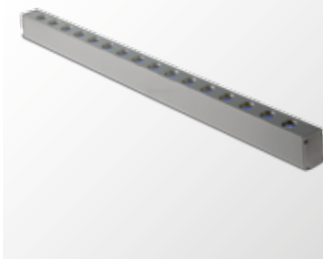


☐ ⚡ IP65 ⚡ ⚡

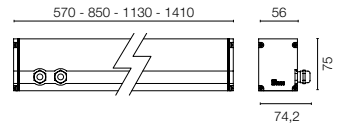
DMX512 color controller, see page 548



RGBW LED

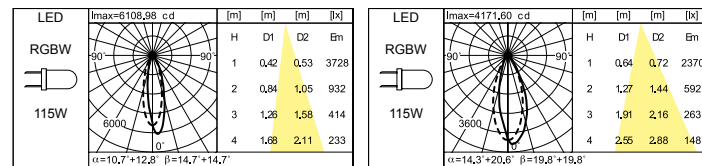


Source	Power	Φ [lm]	Optic	L [mm]	W [Kg]	Code
8 LED	48W	1280	M	570	2,60	80011._RGBW
8 LED	48W	1280	F	570	2,60	80012._RGBW
12 LED	75W	1920	M	850	3,85	80016._RGBW
12 LED	75W	1920	F	850	3,85	80017._RGBW
16 LED	95W	2560	M	1130	5,00	80021._RGBW
16 LED	95W	2560	F	1130	5,00	80022._RGBW
20 LED	115W	3200	M	1410	6,00	80026._RGBW
20 LED	115W	3200	F	1410	6,00	80027._RGBW

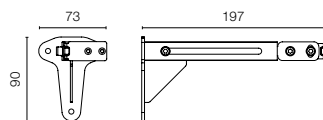
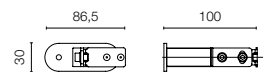
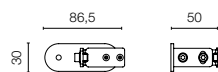


☐ ⚡ IP65 ⚡ ⚡

DMX512 color controller, see page 548



ACCESSORIES







ТАРАНТИНО ИТАЛИЯ ГРИНД БАР

СБЕРБАНК

РусБургер

СБЕРБАНК



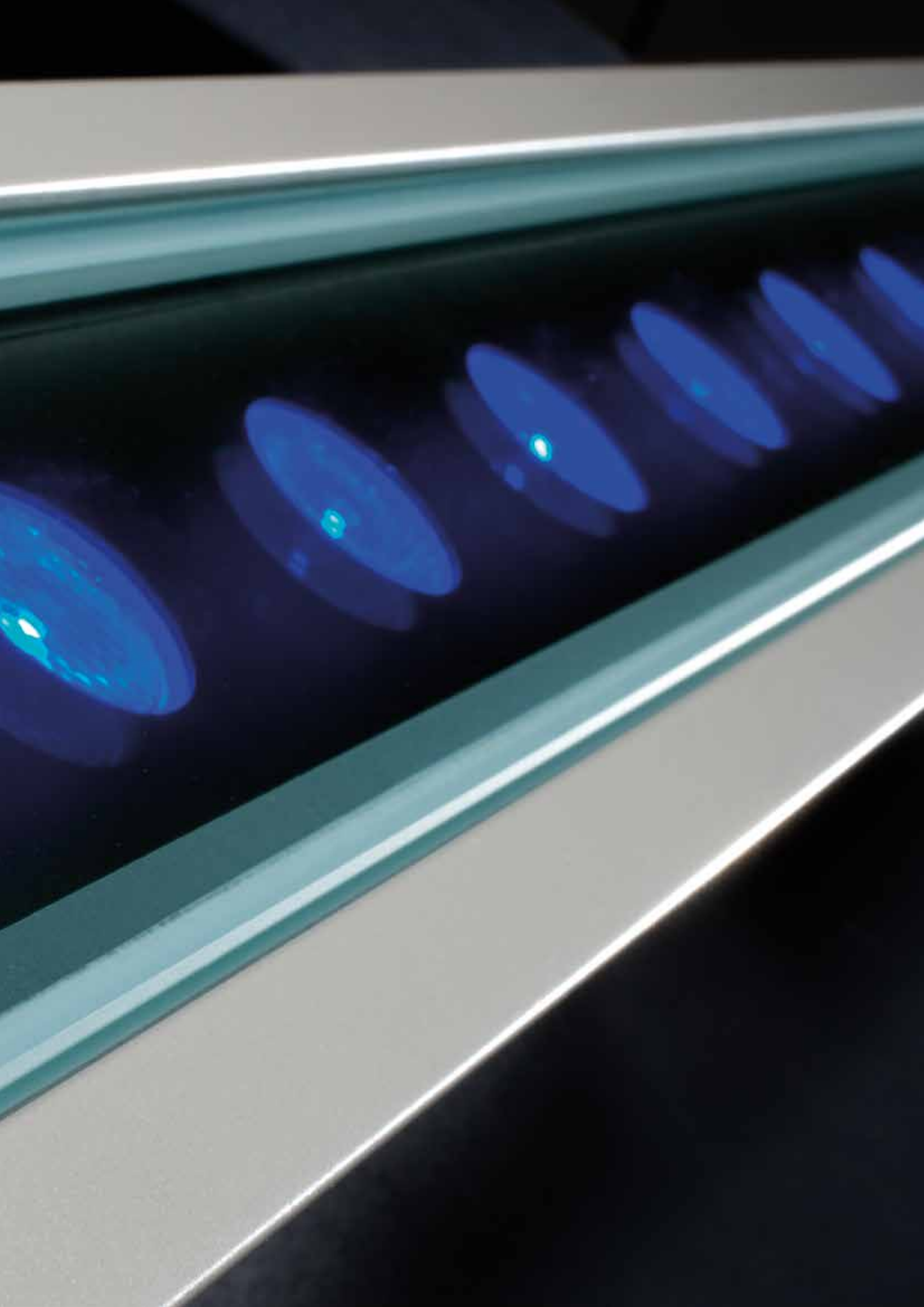
ОФИС



OSIO PIL

DESIGN: MATTEO NUNZIATI, MARTINI STAFF

Light that runs along the walls, defines the texture of a wall and highlights the colour of a mural. There can be no renunciation of living outdoors through the fault of the dark and Osio Pil comes in our aid, in its range of installations and solutions.



OSIO PIL
PENDANT



OSIO PIL
WALL-MOUNTED



OSIO PIL
WALKABLE RECESSED





Osio Pil, with its clean lines and extremely compact dimensions, is suitable for the architectural illumination of indoor and outdoor spaces. Wall-mounted, pendant and recessed walk-over fixtures are available. The range uses fluorescent light sources. The rigid and robust structure created by fixing the glass permanently to the aluminium extrusion means that the lamp can be replaced by removing the head and taking out the wiring.



DESIGN: MATTEO NUNZIATI, MARTINI STAFF



Body

Body in powder-coated extruded aluminium with die-cast aluminium end caps and tempered closing glass. The optical assembly can be opened from the side by means of stainless steel screws.

Light Sources

16 or 24 Cool White (6050K) or Warm White (3150K) LEDs.
8 or 12 Full Colour RGB LEDs.
T5 linear fluorescent lamp.

Emissions

Symmetrical and asymmetrical emission.

Power supply

Integrated electronic control gear.

Accessories

Longitudinal and trasversal baffle, cable clamp. Cap for recess box and cap with frame for the continuous row recessed version.

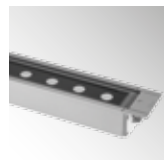
Colors

Textured grey or corten finish.

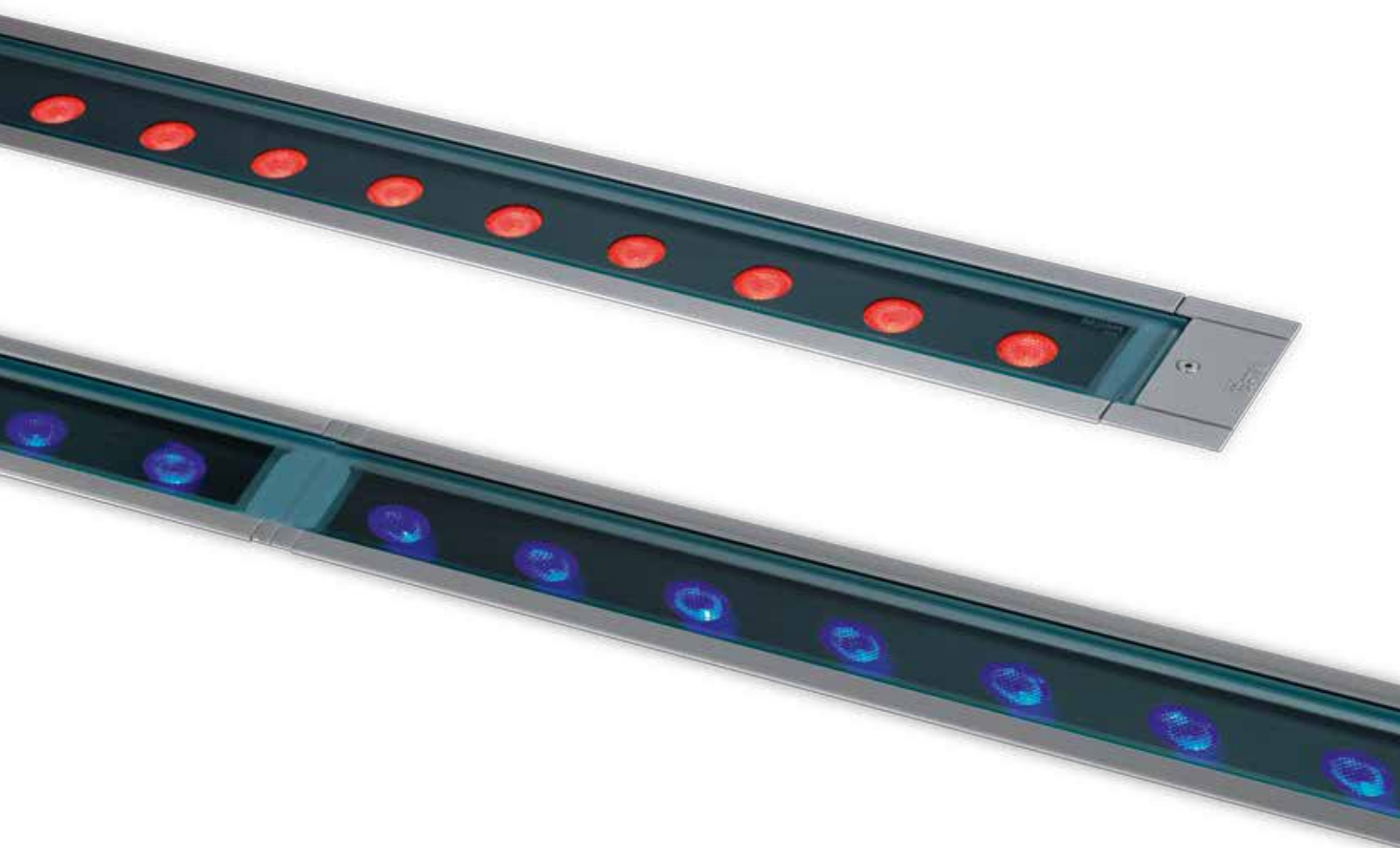
fluorecent lamp



warm white, cool white LED



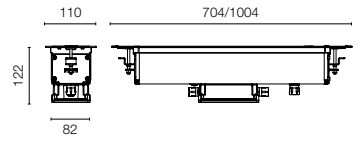
RGB LED



WHITE LED

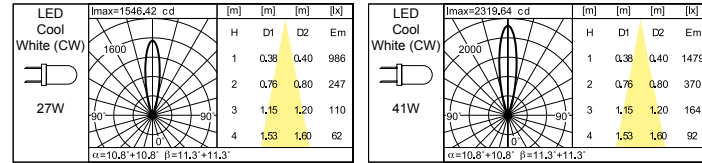


Source	Power	Φ [mm]	L [mm]	Color temperature [K]	W [Kg]	Code
16 LED	27W	1400	704	6050	5,00	78210._CW
16 LED	27W	1400	704	3150	5,00	78210._WW
Housing 682x153x175						91060.00
24 LED	41W	2050	1004	6050	7,50	78211._CW
24 LED	41W	2050	1004	3150	7,50	78211._WW
Housing 982x153x175						91061.00



IP67 IK07

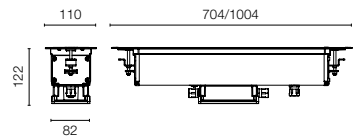
LED symmetric optic



RGB LED

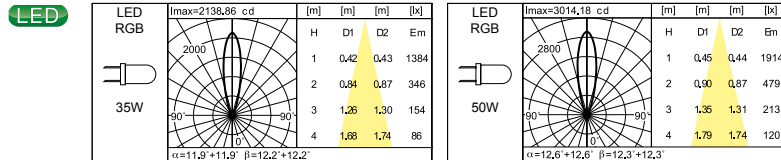


Source	Power	Φ [mm]	L [mm]	Color temperature [K]	W [Kg]	Code
8 LED	35W	750	704	-	5,50	78230._
Housing 682x153x175						91060.00
12 LED	50W	1100	1004	-	7,50	78231._
Housing 982x153x175						91061.00



IP67 IK07

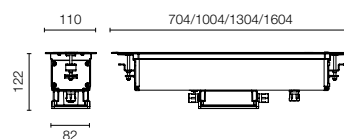
symmetric optic
DMX512 colour controller see page 548



FL T5

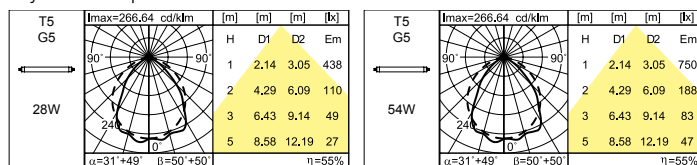


Source	Power	Socket	L[mm]	W[Kg]	Code
FL T5	14W	G5	704	5,50	78170.
FL T5	24W	G5	704	5,50	78171.
Housing 682x153x175					91060.00
FL T5	21W	G5	1004	6,40	78172.
FL T5	39W	G5	1004	6,40	78173.
Housing 982x153x175					91061.00
FL T5	28W	G5	1304	8,20	78174.
FL T5	54W	G5	1304	8,20	78175.
Housing 1282x153x175					91062.00
FL T5	35W	G5	1604	9,50	78176.
Housing 1582x153x175					91063.00

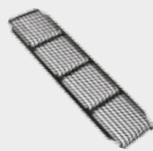


IP67 IK07 200 Kg

asymmetric optic



ACCESSORIES



longitudinal baffle 40°
 L=630 mm code **91075.00**
 L=930 mm code **91076.00**
 L=1230 mm code **91077.00**
 L=1530 mm code **91078.00**



IP67 cable gland for pass-through wiring connections
 code **91058.00**

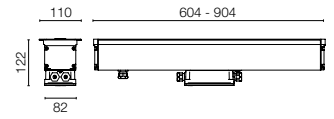


transversal baffle 40°
 L=630 mm code **91079.00**
 L=930 mm code **91080.00**
 L=1230 mm code **91081.00**
 L=1530 mm code **91082.00**

WHITE LED



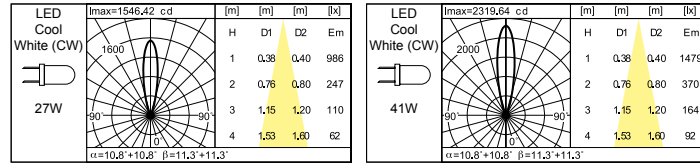
Source	Power	Φ [mm]	L [mm]	Color temperature [K]	W [Kg]	Code
16 LED	27W	1400	604	6050	5,00	78212._CW
16 LED	27W	1400	604	3150	5,00	78212._WW
Housing 682x153x175						91066.00
24 LED	41W	2050	904	6050	7,50	78213._CW
24 LED	41W	2050	904	3150	7,50	78213._WW
Housing 982x153x175						91067.00



IP67 IK07

LED

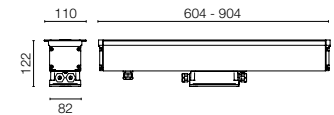
symmetric optic



RGB LED



Source	Power	Φ [mm]	L [mm]	Color temperature [K]	W [Kg]	Code
8 LED	35W	750	604	-	5,30	78235._
Housing 682x153x175						91066.00
12 LED	50W	1100	904	-	7,70	78236._
Housing 982x153x175						91067.00

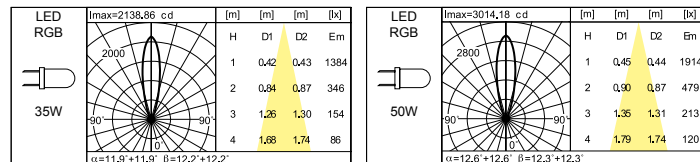


IP67 IK07

DMX512 colour controller see page 548

LED

symmetric optic



ACCESSORIES



end cap with bezel and sealing gasket
(2-piece pack)
code **91096._**



IP67 cable gland for pass-through wiring
connections
code **91058.00**

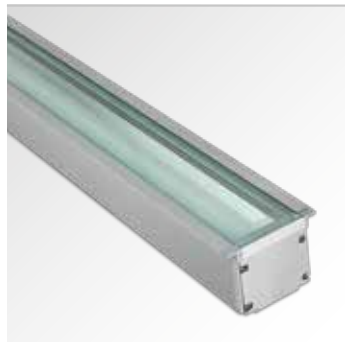


recess box end cap
for installation
with accessory **91096._**
(2-piece pack)
code **91097.00**

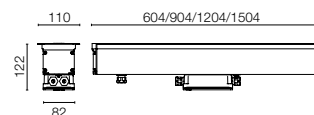


recess box end caps kit
(2-piece pack)
code **91065.00**

FL T5

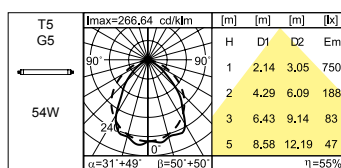
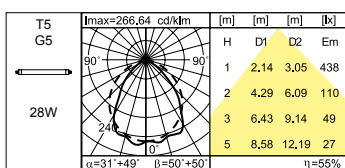


Source	Power	Socket	L [mm]	W [Kg]	Code
FL T5	14W	G5	604	5,00	78180. __
FL T5	24W	G5	604	5,00	78181. __
Housing 655x153x175					91066.00
FL T5	21W	G5	904	6,00	78182. __
FL T5	39W	G5	904	6,00	78183. __
Housing 955x153x175					91067.00
FL T5	28W	G5	1204	8,10	78184. __
FL T5	54W	G5	1204	8,10	78185. __
Housing 1255x153x175					91068.00
FL T5	35W	G5	1504	9,00	78186. __
Housing 1555x153x175					91069.00

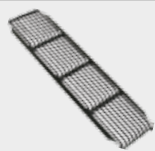


IP67 IK07 200 Kg

asymmetric optic



ACCESSORIES



longitudinal baffle 40°
 L=630 mm code **91075.00**
 L=930 mm code **91076.00**
 L=1230 mm code **91077.00**
 L=1530 mm code **91078.00**



IP67 cable gland for pass-through wiring connections
 code **91058.00**



transversal baffle 40°
 L=630 mm code **91079.00**
 L=930 mm code **91080.00**
 L=1230 mm code **91081.00**
 L=1530 mm code **91082.00**



recess box end caps kit (2-piece pack)
 code **91065.00**



end cap with bezel and sealing gasket (2-piece pack)
 code **91096.**__



recess box end cap for installation with accessory **91096.**__ (2-piece pack)
 code **91097.00**



DESIGN: MATTEO NUNZIATI, MARTINI STAFF



Body

Body in extruded aluminium with die-cast aluminium end caps and tempered closing glass. The optical assembly can be opened from the side by means of stainless steel screws.

Light Sources

T5 linear fluorescent lamps.

Emissions

Symmetrical emission.

Power supply

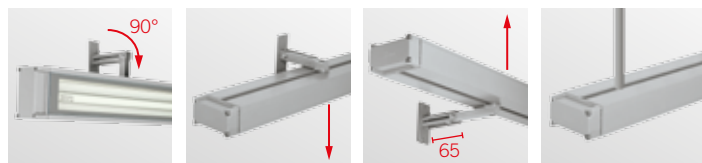
Integrated electronic control gear.

Accessories

Wall-attachment kit, kit for suspension with fixed rod and IP67 cable clamp.

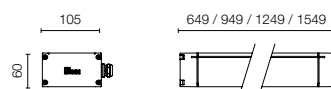
Colors

Grey or corten finish.

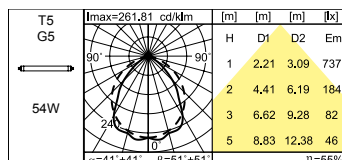
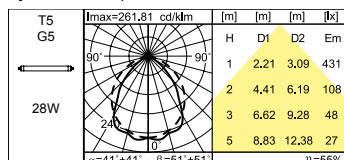




Source	Power	Socket	L[mm]	W[Kg]	Code
FL T5	14W	G5	649	3,40	78190. __
FL T5	24W	G5	649	3,40	78191. __
FL T5	21W	G5	949	4,60	78192. __
FL T5	39W	G5	949	4,60	78193. __
FL T5	28W	G5	1249	6,00	78194. __
FL T5	54W	G5	1249	6,00	78195. __
FL T5	35W	G5	1549	7,00	78196. __



symmetric optic



ACCESSORIES



wall attachment kit
code **91070.**__



suspension kit with fixed rods L=670 mm
code **91072.**__



IP67 fairlead for line
continuity
code **91057.00**



OSIO

DESIGN: MARCO CASAMONTI, ALESSANDRO PAPOTTI

The linear light that is laid out in a thousand different shades and a thousand different possible installations. Osio is ultra simple to install and maintain, without losing track of a certain eye for detail and performance.



DESIGN: MARCO CASAMONTI, ALESSANDRO PAPOTTI



HOSPITALITY



URBAN

OSIO
WALK-OVER

OSIO
PENDANT/WALL-MOUNTED FIXTURE

Body

Body in extruded aluminium with die-cast aluminium end caps and tempered closing glass. The optical assembly can be opened from the top by means of stainless steel screws. Available in the IP67 walk-over version with compulsory recess box and in the wall-ceiling-pendant IP65 version.

Light sources

T5 linear fluorescent lamps with G5 fitting.

Emissions

Symmetrical or asymmetrical emissions.

Power supply

Integrated electronic control gear.

Accessories

Kit for pendant with adjustable or fixed rod, kit for pendant with cables, cable clamp, kit for fixed attachment to ceiling or wall, adjustable cut-off sheet brackets, longitudinal and transversal baffle.

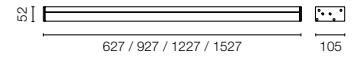
Colours

Textured grey or anthracite grey.



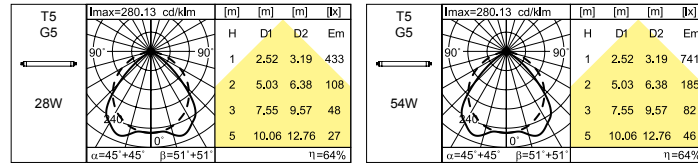


Source	Power	Socket	L [mm]	W [kg]	Code
FL T5	14W	G5	627	3.60	21110. __
FL T5	24W	G5	627	3.60	21111. __
FL T5	21W	G5	927	4.90	21112. __
FL T5	39W	G5	927	4.90	21113. __
FL T5	28W	G5	1227	5.90	21114. __
FL T5	54W	G5	1227	5.90	21115. __
FL T5	35W	G5	1527	7.30	21116. __



IP65

symmetrical emission



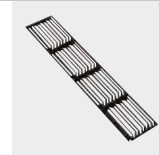
ACCESSORIES



suspension kit with adjustable rods
h=670 mm
code **91044.**__



kit for fixed attachment to ceiling
code **91042.**__



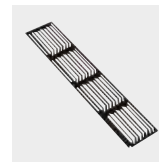
longitudinal baffle 40°
module:
L=630 mm code **91028.00**
L=930 mm code **91029.00**
L=1230 mm code **91030.00**
L=1530 mm code **91031.00**



suspension kit with fixed rods
h=670 mm
code **91045.**__



kit for fixed attachment to walls
code **91040.**__



longitudinal baffle 60°
module:
L=630 mm code **91032.00**
L=930 mm code **91033.00**
L=1230 mm code **91034.00**
L=1530 mm code **91035.00**



suspension kit with cables
h=1500 mm
code **91046.**__



adjustable-length bracket
L=150 mm code **91010.**__
L=250 mm code **91011.**__
L=400 mm code **91012.**__



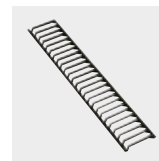
transversal baffle 40°
module:
L=630 mm code **91020.00**
L=930 mm code **91021.00**
L=1230 mm code **91022.00**
L=1530 mm code **91023.00**



IP67 fairlead for through connections
code **91048.00**



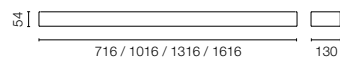
Cut-Off sheet
module:
L=630 mm code **91016.**__
L=930 mm code **91017.**__
L=1230 mm code **91018.**__
L=1530 mm code **91019.**__



transversal baffle 60°
module:
L=630 mm code **91024.00**
L=930 mm code **91025.00**
L=1230 mm code **91026.00**
L=1530 mm code **91027.00**

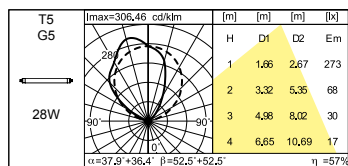


Source	Power	Socket	L [mm]	W [kg]	Code
FL T5	14W	G5	716	4.50	21130. __
FL T5	24W	G5	716	4.50	21131. __
Housing					91050.00
FL T5	21W	G5	1016	5.50	21132. __
FL T5	39W	G5	1016	5.50	21133. __
Housing					91051.00
FL T5	28W	G5	1316	7.00	21134. __
FL T5	54W	G5	1316	7.00	21135. __
Housing					91052.00
FL T5	35W	G5	1616	9.50	21136. __
Housing					91053.00



IP67

asymmetrical emission



ACCESSORIES



IP67 fairlead for line continuity
code **91056.00**



WALKIE LED

DESIGN: MARTINI STAFF

A light touch slides over the pavement and blends with the ground; the shaving of light draws out geometric motifs and caresses the ground texture with color.

Luminous islands dispersed along the way, designing an ever-new pattern. Walkie LED is this and so much more.



DESIGN: MARTINI STAFF



HOSPITALITY



RESIDENTIAL



URBAN

WALKIE LED 2 BEAMS



WALKIE LED 1 BEAM



WALKIE LED 12 BEAMS



Body

Recessed fixture for grazing light illumination. The body is in coated aluminium or stainless steel with a total diameter of 65 mm; it numbers 1, 2 or 12 apertures for light emission.

Light sources

1W LED available in cool white, blue, amber, green or red version.
20° beam opening, 35° adjustment.

Emissions

1, 2 and 12 beams, distributed around the edge of the body.

Power supply

Electronic or electromagnetic transformer available as accessory.

Accessories

Electronic and electromagnetic control gear, pole height 200mm, 500mm and 800mm, mounting brackets and anchor bolts for pole.

Colors

Satin grey, corten finishing or stainless steel.

stainless steel (00)



Painted aluminium (68-79)



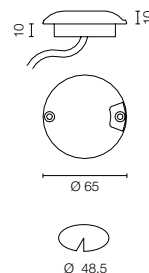
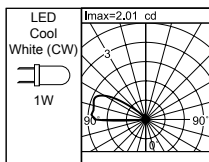
1 BEAM



Source	Voltage	Power	W/Kg	Code
Cool White LED	12V c.c.	1W	0,30	76240.00
Blue LED	12V c.c.	1W	0,30	76241.00
Amber LED	12V c.c.	1W	0,30	76242.00
Green LED	12V c.c.	1W	0,30	76244.00
Red LED	12V c.c.	1W	0,30	76245.00

IP68 static load 500 kg - transit speed 10 km/h - IK10

electronic ballast available as accessory see page 147



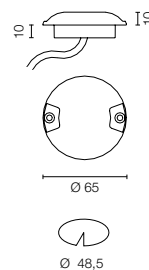
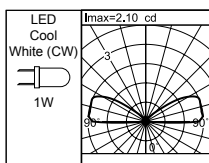
2 BEAMS



Source	Voltage	Power	W/Kg	Code
Cool White LED	12V c.c.	1W	0,30	76250.00
Blue LED	12V c.c.	1W	0,30	76251.00
Amber LED	12V c.c.	1W	0,30	76252.00
Green LED	12V c.c.	1W	0,30	76254.00
Red LED	12V c.c.	1W	0,30	76255.00

IP68 static load 500 kg - transit speed 10 km/h - IK10

electronic ballast available as accessory see page 147



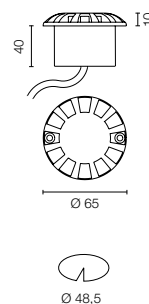
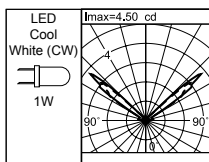
12 BEAMS



Source	Voltage	Power	W/Kg	Code
Cool White LED	12V c.c.	1W	0,30	76290.00
Blue LED	12V c.c.	1W	0,30	76291.00
Amber LED	12V c.c.	1W	0,30	76292.00
Green LED	12V c.c.	1W	0,30	76294.00
Red LED	12V c.c.	1W	0,30	76295.00

IP68 static load 500 kg - transit speed 10 km/h - IK10

electronic ballast available as accessory see page 147



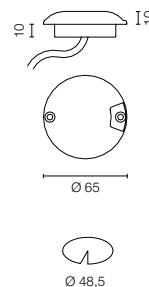
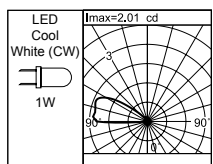
1 BEAM



Source	Voltage	Power	W[kg]	Code
Cool White LED	12V c.c.	1W	0,30	76240. __
Blue LED	12V c.c.	1W	0,30	76241. __
Amber LED	12V c.c.	1W	0,30	76242. __
Green LED	12V c.c.	1W	0,30	76244. __
Red LED	12V c.c.	1W	0,30	76245. __

IP68 static load 100 kg - IK07

electronic ballast available as accessory see page 147



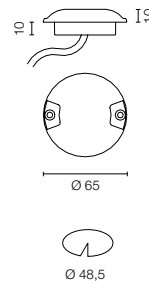
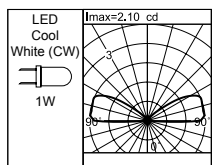
2 BEAMS



Source	Voltage	Power	W[kg]	Code
Cool White LED	12V c.c.	1W	0,30	76250. __
Blue LED	12V c.c.	1W	0,30	76251. __
Amber LED	12V c.c.	1W	0,30	76252. __
Green LED	12V c.c.	1W	0,30	76254. __
Red LED	12V c.c.	1W	0,30	76255. __

IP68 static load 100 kg - IK07

electronic ballast available as accessory see page 147



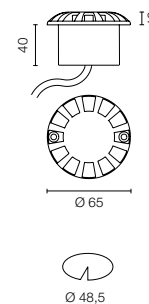
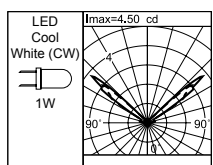
12 BEAMS



Source	Voltage	Power	W[kg]	Code
Cool White LED	12V c.c.	1W	0,30	76290. __
Blue LED	12V c.c.	1W	0,30	76291. __
Amber LED	12V c.c.	1W	0,30	76292. __
Green LED	12V c.c.	1W	0,30	76294. __
Red LED	12V c.c.	1W	0,30	76295. __

IP68 static load 100 kg - IK07

electronic ballast available as accessory see page 147





pole h=200
code **76237.**__
pole h=500
code **76238.**__
pole h=800
code **76239.**__



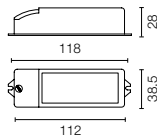
floor anchoring bracket for pole
code **76266.00**



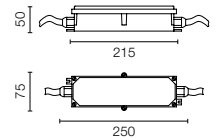
bracket with anchor bolts for pole
code **76267.00**



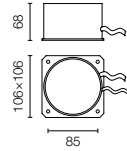
IP40 electronic ballast
230-240/12 VDC 15 W
suitable for controlling 13 fixtures
code **38919.00**



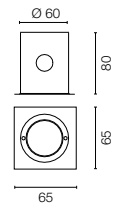
IP67 electronic ballast
230-240/12 VDC 70 W
suitable for controlling 65 fixtures
code **38933.00**



IP66 electromagnetic ballast
(non-stabilised)
230/12 VDC 50 W
suitable for controlling 45 fixtures
code **38920.00**



recess box for concrete
code **76268.00**

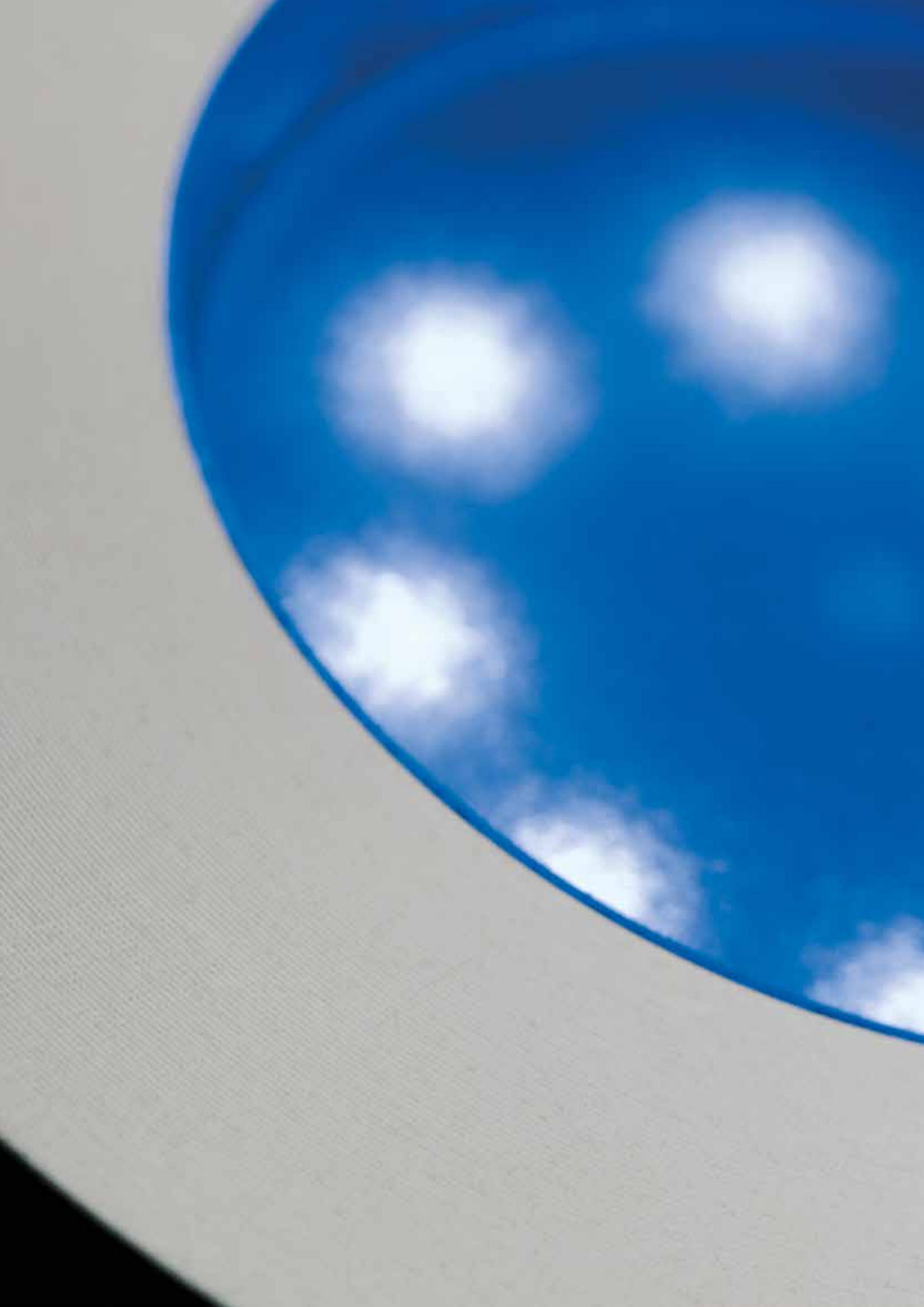




WALKIE TALKIE 65 LED

DESIGN: MARTINI STAFF

Light disks thrown on the ground define and signal, emerge, flatter the eye, create paths, draw routes and ways, populating the space with chromatic luminosity.



DESIGN: MARTINI STAFF



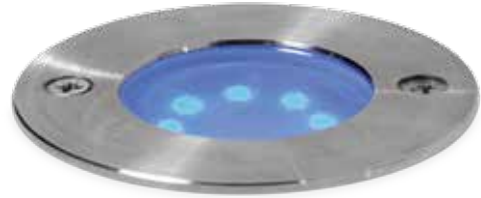
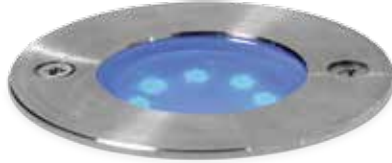
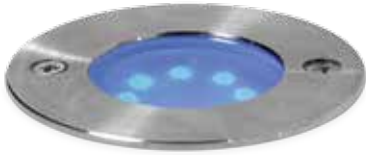
HOSPITALITY



RESIDENTIAL



URBAN



Body

Stainless steel body, tempered closing glass available in rounded or planar version.

Light sources

1W LED available in cool white, blue, amber, green or red versions.

Emissions

Symmetrical diffused distribution for signalling purposes.

Power supply

Electronic ballast available as an accessory.

Accessories

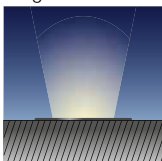
Housing for concrete, electronic ballasts.

Colors

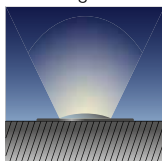
Stainless steel decorative bezel.



flat glass



rounded glass



cool white



blue



amber



red



green



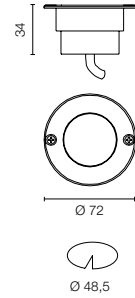
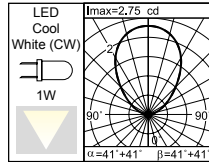
FLAT GLASS



Source	Voltage	Power	W [Kg]	Code
LED Cool White	24V c.c.	1W	0,15	76440.00
LED Blue	24V c.c.	1W	0,15	76441.00
LED Amber	24V c.c.	1W	0,15	76442.00
LED Green	24V c.c.	1W	0,15	76444.00
LED Red	24V c.c.	1W	0,15	76445.00

IP68 IK09 500 Kg

electronic ballast available as accessory



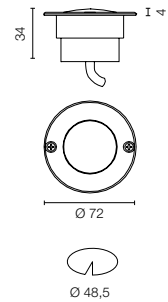
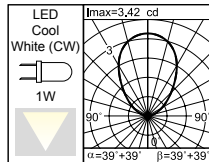
ROUNDED GLASS



Source	Voltage	Power	W [Kg]	Code
LED Cool White	24V c.c.	1W	0,15	76430.00
LED Blue	24V c.c.	1W	0,15	76431.00
LED Amber	24V c.c.	1W	0,15	76432.00
LED Green	24V c.c.	1W	0,15	76434.00
LED Red	24V c.c.	1W	0,15	76435.00

IP68 IK09 500 Kg

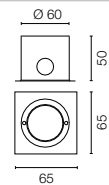
electronic ballast available as accessory



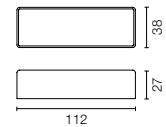
ACCESSORIES



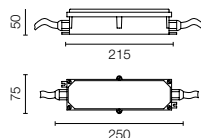
housing for concrete
code **76448.00**



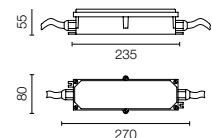
IP40 electronic ballast
110-240/24 VDC
20 W suitable for controlling up to 17 fixtures
code **76449.00**



IP67 electronic ballast
230-240/24 VDC
70 W suitable for controlling up to 65 fixtures
code **38934.00**



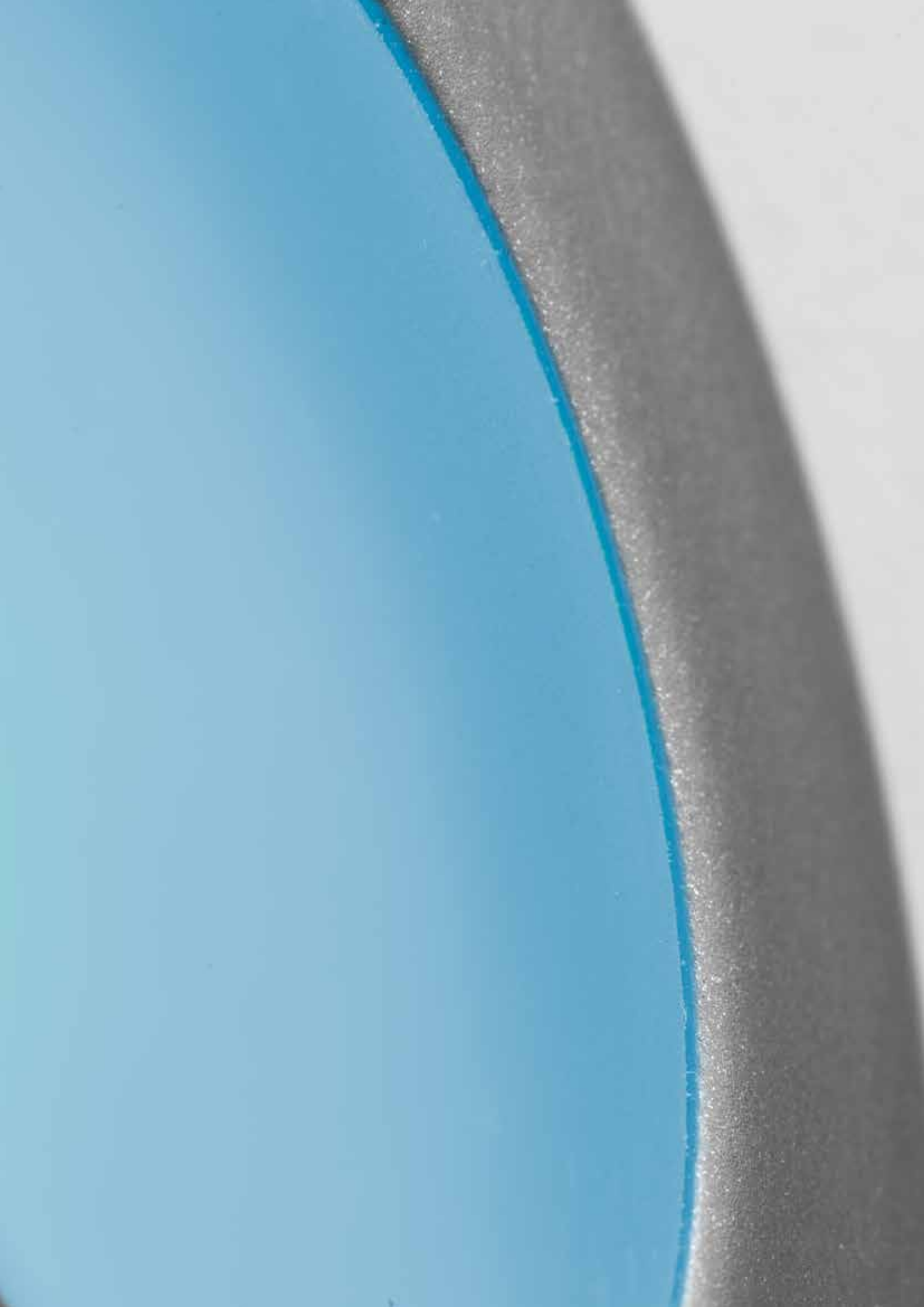
IP67 electronic ballast
220-240/24 VDC
150 W suitable for controlling up to 145 fixtures
code **38935.00**



WALKIE ECO

DESIGN: MARTINI STAFF

Chromatic variations, light scene control, easy integration in all projects: Walkie Eco delivers the pleasantness of colour in ever-changing scenarios according to human desire.



DESIGN: MARTINI STAFF



Body

Die-cast aluminium body and closing bezel, acid-etched diffusing glass, stainless steel fixing screws.

Light sources

20W QR-CB35 halogen lamp.
RGB RGB Full Color max 3W.

Emissions

The lamp supplied with the product has a beam opening angle of 38°. Diffuse emission for LED versions.

Power supply

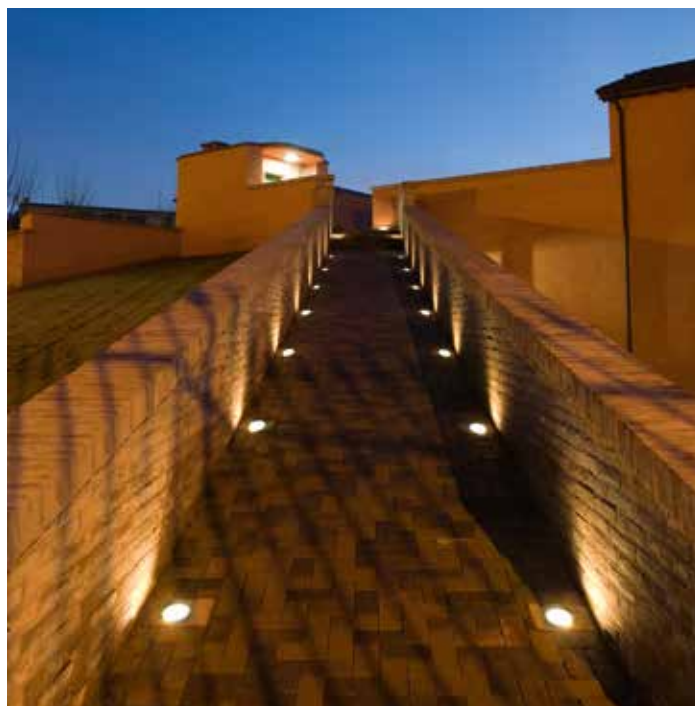
Electronic ballast available as accessory.

Accessories

Electronic control gear for halogen version.
Electronic control gear for RGB version, controller, control box and signal amplifier for DMX 512 colour controller.

Colors

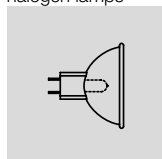
Satin-finish grey or anthracite grey.



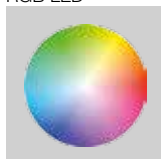
small dimensions:
83 mm



halogen lamps



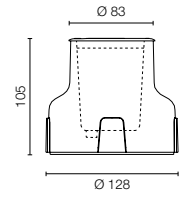
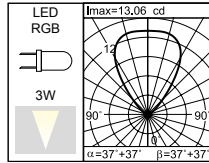
RGB LED





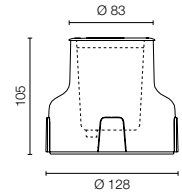
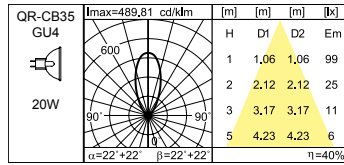
Source	Power	W [Kg]	Code
LED RGB Full Color	max 3W	0,40	76491. __

for floor and single skin wall installation
complete with housing for concrete
DMX512 color controller see page 548



Source	Voltage	Power	Socket	Glass T. [°C]	W [Kg]	Code
AL QR-CB35	12V	20W	GU4	max 130	0,50	76490. __

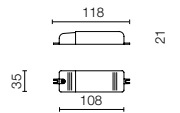
for floor and single skin wall installation
complete with housing for concrete and lamp with 38° beam
control gear available as an accessory



ACCESSORIES



electronic transformer 105 W
230/240 V 50-60 Hz.
code **4.94094.81**





WALKIE TALKIE

DESIGN: MARCO CASAMONTI

Walkie Talkie is an object that lives through time and fashion trends: it has been renovated to adapt an evergreen shape to the latest technical requirements and lighting solutions.

www.

WALKIE TALKIE 50



WALKIE TALKIE 90



WALKIE TALKIE 150



WALKIE TALKIE BRICK



WALKIE TALKIE 275x85



Recessed fixtures with a stylish design, ideal for atmospheric lighting used to create visually appealing scenes. The high protection degree of the fixture means it can be used both indoors and outdoors.

Walkie Talkie fixtures are walk-over products. The entire range can be installed in shops, cinemas and general leisure areas, leaving the designer free to play with the light produced, making sure the products integrate perfectly into their architectural surroundings.

DESIGN: MARCO CASAMONTI



HOSPITALITY



RESIDENTIAL



URBAN



Body

Die-cast aluminium body and ring nut, tempered bottom glass with sand-blasted or transparent finish, sand-blasted upper glass with 10mm thickness and partially sand-blasted finish. Sand-blasted stainless steel visible bezel. The round model can be floor, wall or ceiling mounted, the ceiling mounted comes without upper decorative glass. The square model can be floor or wall mounted.

Light sources

1W LED available in Neutral White and Warm White version. QT-9 halogen lamps with G4 fitting.

Emissions

Diffused symmetrical distribution.

Power supply

Electronic or electromagnetic ballast available as accessory.

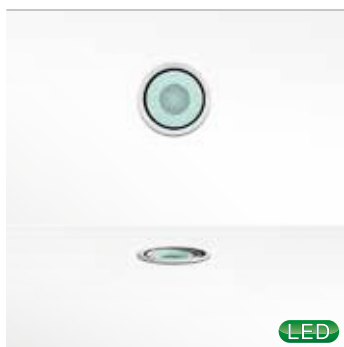
Accessories

Electronic or electromagnetic ballasts. Housing for concrete. Colored dichroic filters.

Colors

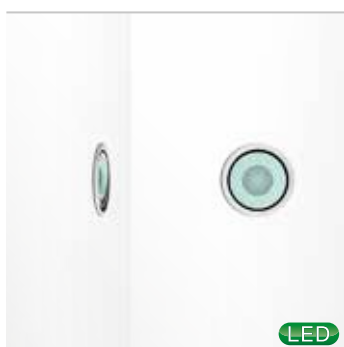
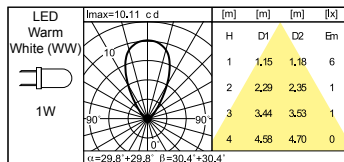
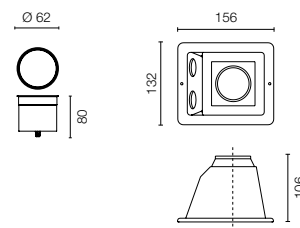
Stainless steel decorative bezel.





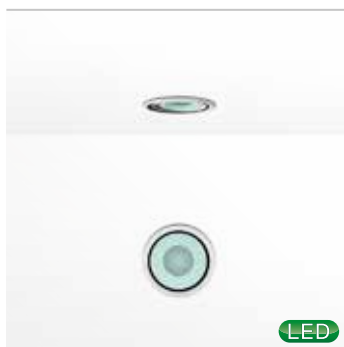
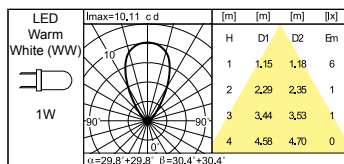
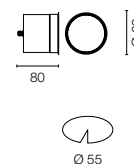
Source	Voltage	Power	Φ [lm]	Color temperature [K]	CRI	W [Kg]	Code
White LED	24V c.c.	1W	15	4000	>80	0,40	76050.00NW
White LED	24V c.c.	1W	15	3000	>80	0,40	76050.00WW
Housing							76053.00

IP67
 fixture for floor installation
 electronic ballast available as accessory



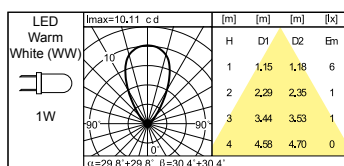
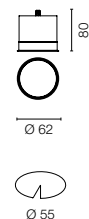
Source	Voltage	Power	Φ [lm]	Color temperature [K]	CRI	W [Kg]	Code
White LED	24V c.c.	1W	15	4000	>80	0,40	76051.00NW
White LED	24V c.c.	1W	15	3000	>80	0,40	76051.00WW
Housing*							76057.00

IP67
 fixture for plasterboard wall installation
 electronic ballast available as accessory
 *only for recessed installation in solid walls



Source	Voltage	Power	Φ [lm]	Color temperature [K]	CRI	W [Kg]	Code
White LED	24V c.c.	1W	15	4000	>80	0,40	76052.00NW
White LED	24V c.c.	1W	15	3000	>80	0,40	76052.00WW
Housing*							76057.00

IP67
 ceiling-mounted fixture without top glass
 electronic ballast available as accessory
 *only for recessed installation in solid walls



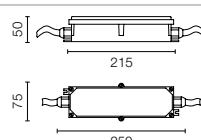
ACCESSORIES



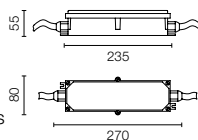
IP40 electronic ballast
 110-240/24 VDC 20 W
 suitable for controlling up to 17 fixtures
 code **76449.00**



IP67 electronic ballast
 230-240/24 VDC 70 W
 suitable for controlling up to 60 fixtures
 code **38934.00**



IP67 electronic ballast
 220-240/24 VDC 150 W
 suitable for controlling up to 135 fixtures
 code **38935.00**

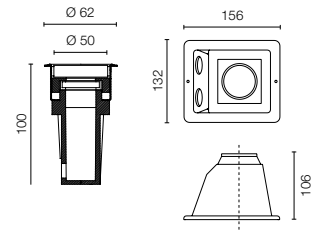




Source	Voltage	Power	Socket	Glass T. [°C]	W [Kg]	Code
AL QT-9 sanded glass	12V	10W	G4	max 55	0,40	76050.00
AL QT-9 crystal	12V	10W	G4	max 60	0,40	76050.00.T
Housing						76053.00

IP67 IK07 200 Kg

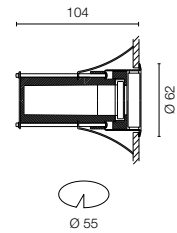
fixture for floor installation
control gear available as accessory



Source	Voltage	Power	Socket	Glass T. [°C]	W [Kg]	Code
AL QT-9 sanded glass	12V	10W	G4	max 55	0,40	76051.00
AL QT-9 crystal	12V	10W	G4	max 60	0,40	76051.00.T

IP67 IK07

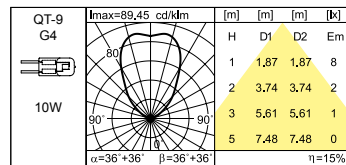
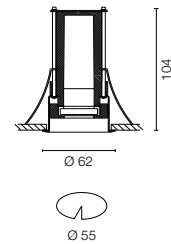
fixture for plasterboard wall installation
control gear available as accessory



Source	Voltage	Power	Socket	Glass T. [°C]	W [Kg]	Code
AL QT-9 sanded glass	12V	10W	G4	max 55	0,40	76052.00
AL QT-9 crystal	12V	10W	G4	max 60	0,40	76052.00.T

IP67 IK07

ceiling-mounted fixture without top glass
control gear available as accessory



photometric data corresponding to the sanded glass

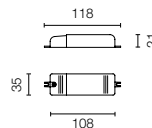
ACCESSORIES



dichroic filters
blue code **92838.00**
yellow code **92840.00**
magenta code **92839.00**
red code **92842.00**
green code **92841.00**



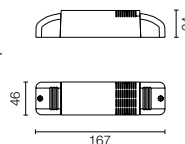
electronic transformer 105 W
230/240 V
50/60Hz.
code **4.94094.81**



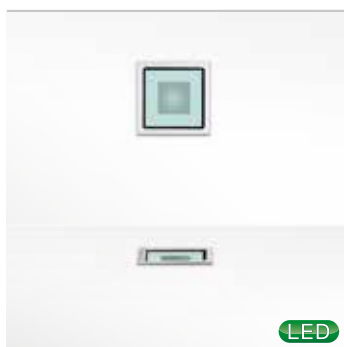
electromagnetic control gear 20 W,
IP68
code **78476.00**



electronic transformer 210 W
230/240 V
50/60Hz.
code **4.94095.00**



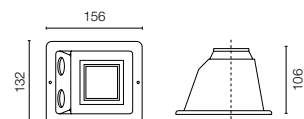
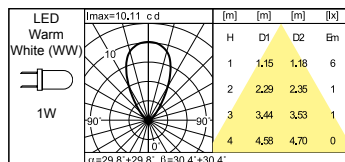
electromagnetic control gear 100 W
IP68
code **76054.00**



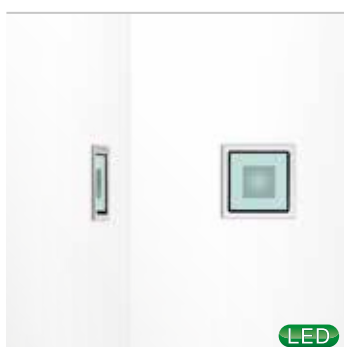
Source	Voltage	Power	Φ [lm]	Color temperature [K]	CRI	W [Kg]	Code
White LED	24V c.c.	1W	15	4000	>80	0,40	76055.00NW
White LED	24V c.c.	1W	15	3000	>80	0,40	76055.00WW
Housing							76058.00

IP67

fixture for floor installation
electronic ballast available as accessory



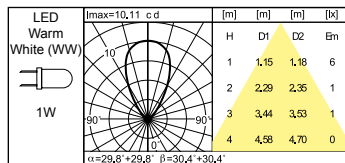
LED



Source	Voltage	Power	Φ [lm]	Color temperature [K]	CRI	W [Kg]	Code
White LED	24V c.c.	1W	15	4000	>80	0,40	76056.00NW
White LED	24V c.c.	1W	15	3000	>80	0,40	76056.00WW
Housing*							76059.00

IP67

fixture for plasterboard wall installation
electronic ballast available as accessory
*only for recessed installation in solid walls



LED

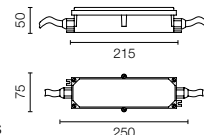
ACCESSORIES



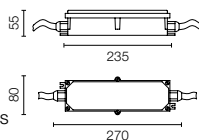
IP40 electronic ballast
110-240/24 VDC 20 W
suitable for controlling up to 17 fixtures
code **76449.00**



IP67 electronic ballast
230-240/24 VDC 70 W
suitable for controlling up to 60 fixtures
code **38934.00**



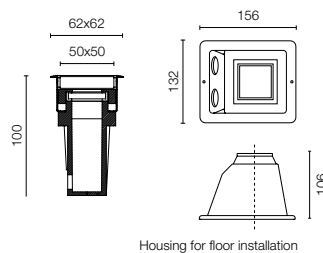
IP67 electronic ballast
220-240/24 VDC 150 W
suitable for controlling up to 135 fixtures
code **38935.00**





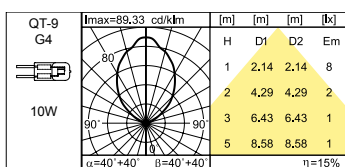
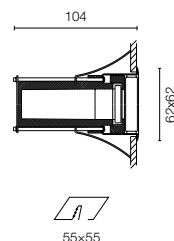
Source	Voltage	Power	Socket	Glass T. [°C]	W [Kg]	Code
AL QT-9 sanded glass	12V	10W	G4	max 55	0,40	76055.00
AL QT-9 crystal	12V	10W	G4	max 60	0,40	76055.00.T

Housing
 IP67 IK07 200 Kg
 fixture for floor installation
 electronic ballast available as accessory



Source	Voltage	Power	Socket	Glass T. [°C]	W [Kg]	Code
AL QT-9 sanded glass	12V	10W	G4	max 55	0,40	76056.00
AL QT-9 crystal	12V	10W	G4	max 60	0,40	76056.00.T

Housing
 IP67 IK07
 fixture for plasterboard wall installation
 electronic ballast available as accessory



photometric data corresponding to the sanded glass

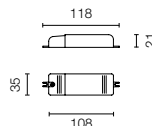
ACCESSORIES



dichroic filters
 blue code **92843.00**
 yellow code **92845.00**
 magenta code **92844.00**
 red code **92847.00**
 green code **92846.00**



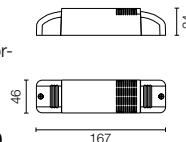
electronic transformer 105 W
 230/240 V
 50/60 Hz.
 code **4.94094.81**



electromagnetic control gear 20 W,
 IP68
 code **78476.00**



electronic transformer 210 W
 230/240 V
 50/60 Hz.
 code **4.94095.00**



electromagnetic control gear 100 W,
 IP68
 code **76054.00**



Body

Die-cast aluminium body and ring nut, tempered bottom glass with sand-blasted or transparent finish, sand-blasted upper glass with 10mm thickness and partially sand-blasted finish. Sand-blasted stainless steel visible bezel. The round model can be floor, wall or ceiling mounted, the ceiling mounted comes without upper decorative glass. The square model can be floor or wall mounted.

Light sources

4W LED available in Neutral White and Warm White version. QT-9 halogen lamps with G4 fitting and QR-CB35 halogen lamps with GU4 fitting.

Emissions

Diffused symmetrical distribution.

Power supply

Electronic or electromagnetic ballast available as an accessory.

Accessories

Electronic or electromagnetic transformers. Housing for concrete.

Colors

Stainless steel decorative bezel.

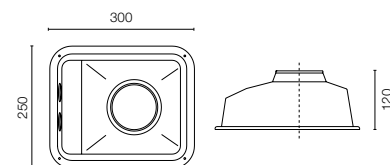
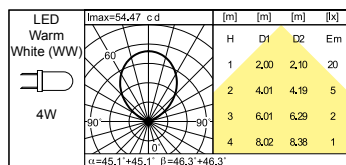




Source	Voltage	Power	Φ [mm]	Color temperature [K]	CRI	W [Kg]	Code
White LED	24V c.c.	4W	120	4000	>80	1,00	76080.00NW
White LED	24V c.c.	4W	110	3000	>80	1,00	76080.00WW
Housing							76083.00

IP67 IK07 200Kg

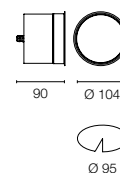
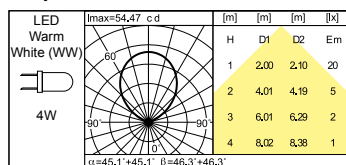
fixture for floor installation
electronic ballast available as accessory



Source	Voltage	Power	Φ [mm]	Color temperature [K]	CRI	W [Kg]	Code
White LED	24V c.c.	4W	120	4000	>80	1,00	76081.00NW
White LED	24V c.c.	4W	110	3000	>80	1,00	76081.00WW
Housing*							76087.00

IP67 IK07

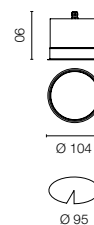
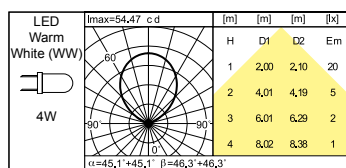
fixture for plasterboard wall installation
electronic ballast available as accessory
*only for recessed installation in solid walls



Source	Voltage	Power	Φ [mm]	Color temperature [K]	CRI	W [Kg]	Code
White LED	24V c.c.	4W	120	4000	>80	1,00	76082.00NW
White LED	24V c.c.	4W	110	3000	>80	1,00	76082.00WW
Housing*							76087.00

IP67 IK07

ceiling-mounted fixture without top glass
electronic ballast available as accessory
*only for recessed installation in solid walls



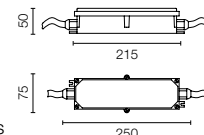
ACCESSORIES



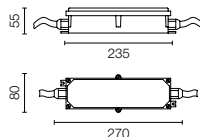
IP40 electronic ballast
110-240/24 VDC 20 W
suitable for controlling up to 4 fixtures
code **76449.00**



IP67 electronic ballast
230-240/24 VDC 70 W
suitable for controlling up to 15 fixtures
code **38934.00**



IP67 electronic ballast
220-240/24 VDC 150 W
suitable for controlling up to 30 fixtures
code **38935.00**

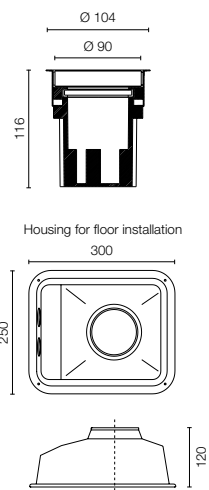




Source	Voltage	Power	Socket	Glass T. [°C]	W [Kg]	Code
AL QT-9 sanded glass	12V	20W	G4	max 55	1,00	76080.00
AL QR-CB35 sanded glass	12V	20W	GU4	max 75	1,00	76080.00
AL QT-9 crystal	12V	20W	G4	max 60	1,00	76080.00.T
AL QR-CB35 crystal	12V	20W	GU4	max 80	1,00	76080.00.T
Housing						76083.00

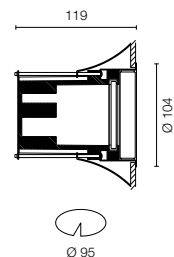
200 Kg

fixture for floor installation
 electronic ballast available as accessory



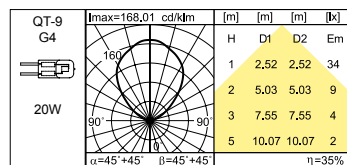
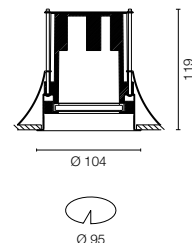
Source	Voltage	Power	Socket	Glass T. [°C]	W [Kg]	Code
AL QT-9 sanded glass	12V	20W	G4	max 55	1,00	76081.00
AL QR-CB35 sanded glass	12V	20W	GU4	max 75	1,00	76081.00
AL QT-9 crystal	12V	20W	G4	max 60	1,00	76081.00.T
AL QR-CB35 crystal	12V	20W	GU4	max 80	1,00	76081.00.T

fixture for plasterboard wall installation
 electronic ballast available as accessory



Source	Voltage	Power	Socket	Glass T. [°C]	W [Kg]	Code
AL QT-9 sanded glass	12V	20W	G4	max 55	1,00	76082.00
AL QR-CB35 sanded glass	12V	20W	GU4	max 75	1,00	76082.00
AL QT-9 crystal	12V	20W	G4	max 60	1,00	76082.00.T
AL QR-CB35crystal	12V	20W	GU4	max 80	1,00	76082.00.T

ceiling-mounted fixture without top glass
 electronic ballast available as accessory

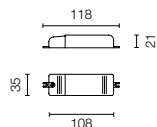


photometric data corresponding to the sanded glass

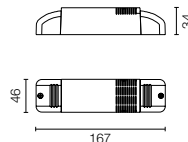
ACCESSORIES



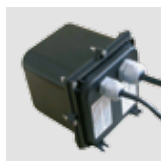
electronic transformer 105 W
 230/240 V 50/60 Hz.
 code **4.94094.81**



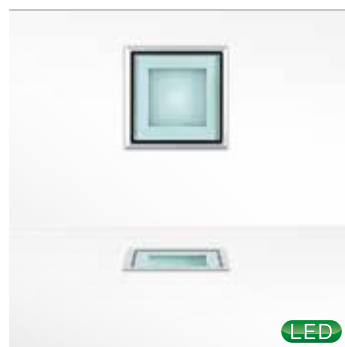
electronic transformer 210 W
 230/240 V 50-60 Hz.
 code **4.94095.00**



electromagnetic control gear 20 W, IP68
 code **78476.00**

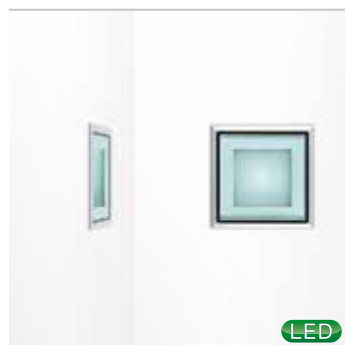
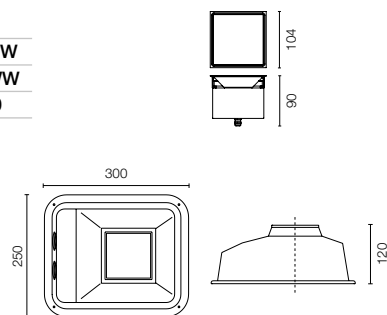
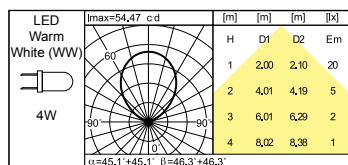


electromagnetic control gear 100 W, IP68
 code **76054.00**



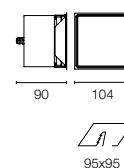
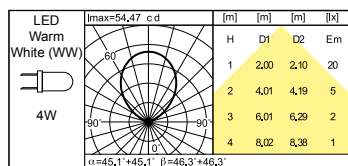
Source	Voltage	Power	Φ [mm]	Color temperature [K]	CRI	W [Kg]	Code
White LED	24V c.c.	4W	120	4000	>80	1,00	76085.00NW
White LED	24V c.c.	4W	110	3000	>80	1,00	76085.00WW
Housing							76088.00

IP67
 IK07
 200Kg
 fixture for floor installation
 electronic ballast available as accessory



Source	Voltage	Power	Φ [mm]	Color temperature [K]	CRI	W [Kg]	Code
White LED	24V c.c.	4W	120	4000	>80	1,00	76086.00NW
White LED	24V c.c.	4W	110	3000	>80	1,00	76086.00WW
Housing*							76089.00

IP67
 IK07
 fixture for plasterboard wall installation
 electronic ballast available as accessory
 *only for recessed installation in solid walls



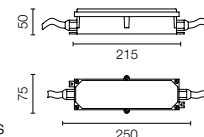
ACCESSORIES



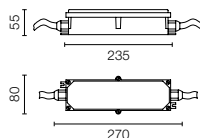
IP40 electronic ballast
 110-240/24 VDC 20 W
 suitable for controlling up to 4 fixtures
 code **76449.00**

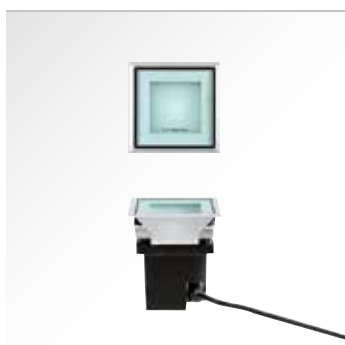


IP67 electronic ballast
 230-240/24 VDC 70 W
 suitable for controlling up to 15 fixtures
 code **38934.00**



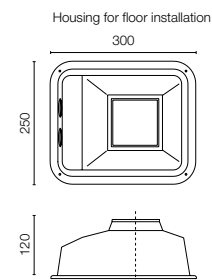
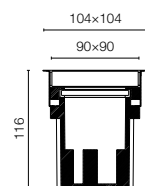
IP67 electronic ballast
 220-240/24 VDC 150 W
 suitable for controlling up to 30 fixtures
 code **38935.00**





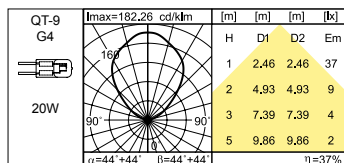
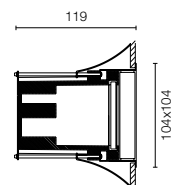
Source	Voltage	Power	Socket	Glass T. [°C]	W [Kg]	Code
AL QT-9 sanded glass	12V	20W	G4	max 55	1,00	76085.00
AL QR-CB35 sanded glass	12V	20W	GU4	max 75	1,00	76085.00
AL QT-9 crystal	12V	20W	G4	max 60	1,00	76085.00.T
AL QR-CB35 crystal	12V	20W	GU4	max 80	1,00	76085.00.T
Housing						76088.00

fixture for floor installation
 electronic ballast available as accessory



Source	Voltage	Power	Socket	Glass T. [°C]	W [Kg]	Code
AL QT-9 sanded glass	12V	20W	G4	max 55	1,00	76086.00
AL QR-CB35 sanded glass	12V	20W	GU4	max 75	1,00	76086.00
AL QT-9 crystal	12V	20W	G4	max 60	1,00	76086.00.T
AL QR-CB35 crystal	12V	20W	GU4	max 80	1,00	76086.00.T

fixture for plasterboard wall installation
 electronic ballast available as accessory

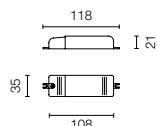


photometric data corresponding to the sanded glass

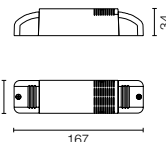
ACCESSORIES



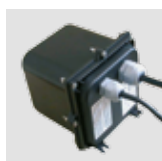
electronic transformer 105 W
 230/240 V 50/60 Hz.
 code **4.94094.81**



electronic transformer 210 W
 230/240 V 50-60 Hz.
 code **4.94095.00**



electromagnetic control gear 20 W, IP68
 code **78476.00**



electromagnetic control gear 100 W, IP68
 code **76054.00**





DESIGN: MARCO CASAMONTI



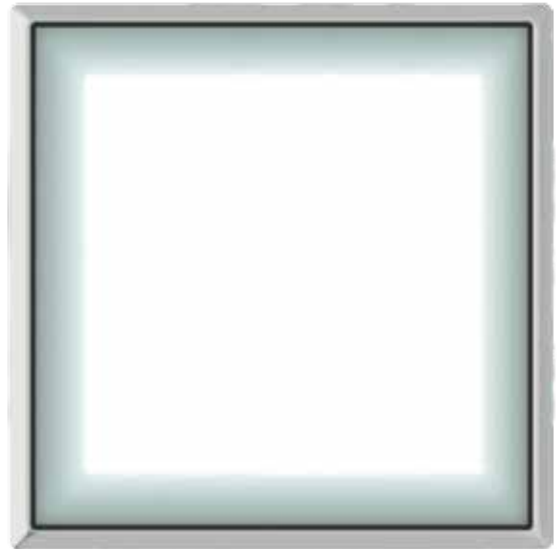
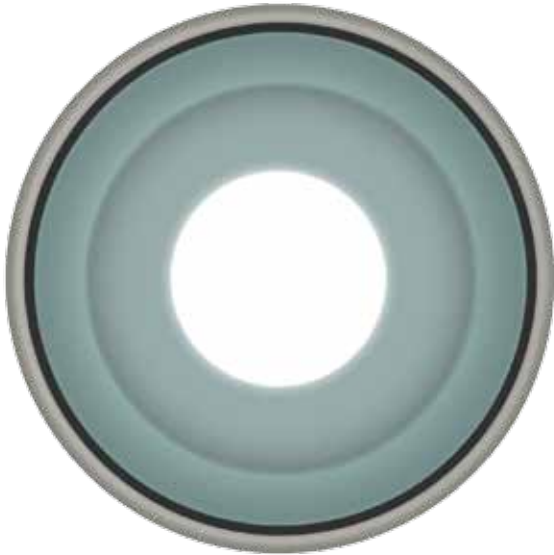
HOSPITALITY



RESIDENTIAL



URBAN



Body

Die-cast aluminium body and ring nut, tempered bottom glass with sand-blasted or transparent finish, sand-blasted upper glass with 10mm thickness and partially sand-blasted finish. Sand-blasted stainless steel visible bezel. The round model can be floor, wall or ceiling mounted, the ceiling mounted comes without upper decorative glass. The square model can be floor or wall mounted. Available in version with swivelling light source.

Light source

8W LED available in Neutral White and Warm White version. QT-9 and QT-12 halogen lamps, QR-CB51 dichroic halogen lamp and PAR30S halogen lamp with built-in reflector and TC-T and FL Genura compact fluorescent lamps.

Emissions

Diffused symmetrical distribution.

Power supply

Electronic or electromagnetic ballast available as an accessory.

Accessories

Electronic or electromagnetic transformers. IP40 and IP67 electronic transformers. Housing for concrete.

Colors

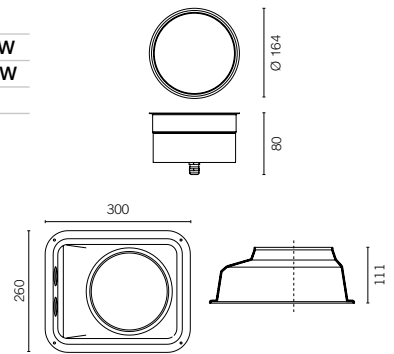
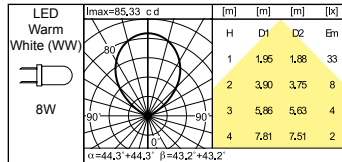
Stainless steel decorative bezel.





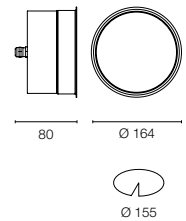
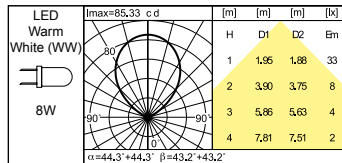
Source	Voltage	Power	Φ [lm]	Color temperature [K]	CRI	W [Kg]	Code
White LED	24V c.c.	8W	180	4000	>80	1,80	76140.00NW
White LED	24V c.c.	8W	170	3000	>80	1,80	76140.00WW
Housing							76153.00

IP67
 IK07
 200Kg
 fixture for floor installation
 electronic ballast available as accessory



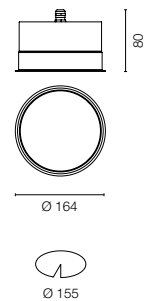
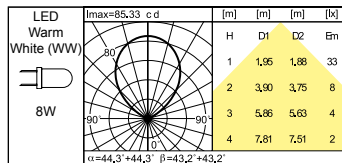
Source	Voltage	Power	Φ [lm]	Color temperature [K]	CRI	W [Kg]	Code
White LED	24V c.c.	8W	180	4000	>80	1,80	76141.00NW
White LED	24V c.c.	8W	170	3000	>80	1,80	76141.00WW
Housing*							76147.00

IP67
 IK07
 fixture for plasterboard wall installation
 electronic ballast available as accessory
 *only for recessed installation in solid walls



Source	Voltage	Power	Φ [lm]	Color temperature [K]	CRI	W [Kg]	Code
White LED	24V c.c.	8W	180	4000	>80	1,80	76142.00NW
White LED	24V c.c.	8W	170	3000	>80	1,80	76142.00WW
Housing*							76147.00

IP67
 IK07
 ceiling-mounted fixture without top glass
 electronic ballast available as accessory
 *only for recessed installation in solid walls



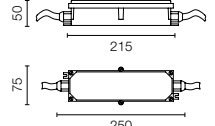
ACCESSORIES



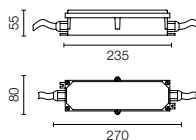
IP40 electronic ballast
 110-240/24 VDC 20 W
 suitable for controlling up to 2 fixtures
 code **76449.00**



IP67 electronic ballast
 230-240/24 VDC 70 W
 suitable for controlling up to 8 fixtures
 code **38934.00**



IP67 electronic ballast
 220-240/24 VDC 150 W
 suitable for controlling up to 15 fixtures
 code **38935.00**

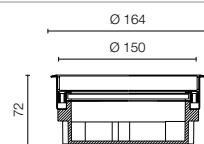




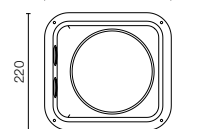
Source	Voltage	Power	Socket	Glass T. [°C]	W [Kg]	Code
AL QT-9 sanded glass	12V	20W	G4	max 70	1,80	76140.00
AL QT-9 crystal	12V	20W	G4	max 75	1,80	76140.00.T
Housing						76143.00

200 Kg

fixture for floor installation
 electronic ballast available as accessory

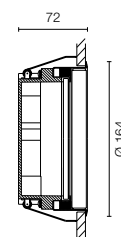


Housing for floor installation



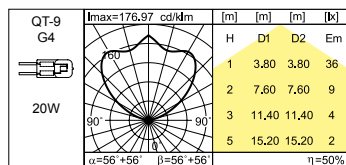
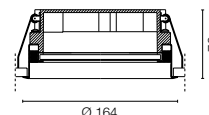
Source	Voltage	Power	Socket	Glass T. [°C]	W [Kg]	Code
AL QT-9 sanded glass	12V	20W	G4	max 70	1,80	76141.00
AL QT-9 crystal	12V	20W	G4	max 75	1,80	76141.00.T

fixture for plasterboard wall installation
 electronic ballast available as accessory



Source	Voltage	Power	Socket	Glass T. [°C]	W [Kg]	Code
AL QT-9 sanded glass	12V	20W	G4	max 70	1,80	76142.00
AL QT-9 crystal	12V	20W	G4	max 75	1,80	76142.00.T

ceiling-mounted fixture without top glass
 electronic ballast available as accessory

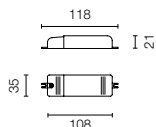


photometric data corresponding to the sanded glass

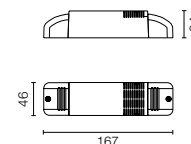
ACCESSORIES



electronic transformer 105 W
 230/240 V 50/60 Hz.
 code **4.94094.81**



electronic transformer 210 W
 230/240 V 50-60 Hz.
 code **4.94095.00**



electromagnetic control gear 20 W, IP68
 code **78476.00**



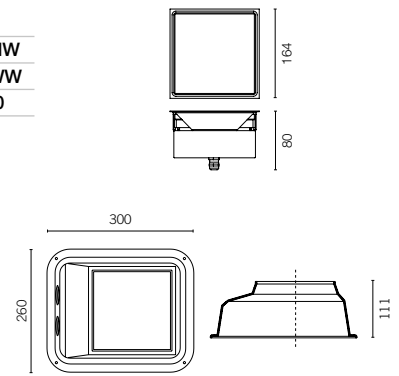
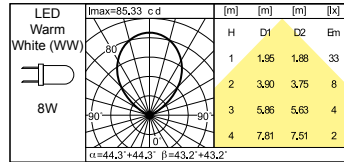
electromagnetic control gear 100 W, IP68
 code **76054.00**



Source	Voltage	Power	Φ [lm]	Color temperature [K]	CRI	W [Kg]	Code
White LED	24V c.c.	8W	180	4000	>80	1,80	76145.00NW
White LED	24V c.c.	8W	170	3000	>80	1,80	76145.00WW
Housing							76158.00

IP67 IK07 200Kg

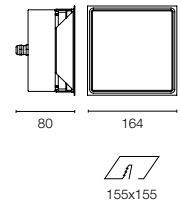
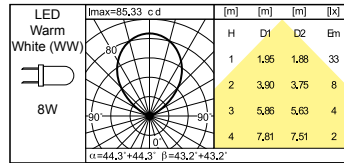
fixture for floor installation
electronic ballast available as accessory



Source	Voltage	Power	Φ [lm]	Color temperature [K]	CRI	W [Kg]	Code
White LED	24V c.c.	8W	180	4000	>80	1,80	76146.00NW
White LED	24V c.c.	8W	170	3000	>80	1,80	76146.00WW
Housing*							76149.00

IP67 IK07

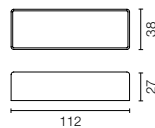
fixture for plasterboard wall installation
electronic ballast available as accessory
*only for recessed installation in solid walls



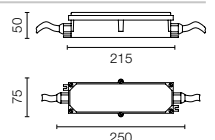
ACCESSORIES



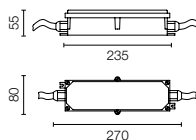
IP40 electronic ballast
110-240/24 VDC 20 W
suitable for controlling up to 2 fixtures
code **76449.00**



IP67 electronic ballast
230-240/24 VDC 70 W
suitable for controlling up to 8 fixtures
code **38934.00**



IP67 electronic ballast
220-240/24 VDC 150 W
suitable for controlling up to 15 fixtures
code **38935.00**

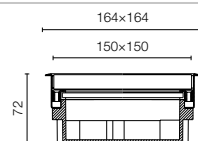




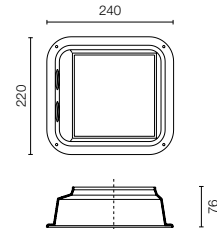
Source	Voltage	Power	Socket	Glass T. [°C]	W [Kg]	Code
AL QT-9 sanded glass	12V	20W	G4	max 70	1,80	76145.00
AL QT-9 crystal	12V	20W	G4	max 75	1,80	76145.00.T
Housing						76148.00

200 Kg

fixture for floor installation
 fixture complete with light source oscillation accessory

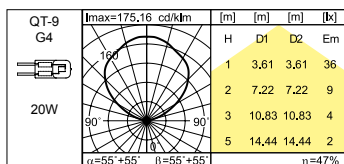


Housing for floor installation

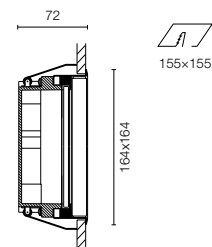


Source	Voltage	Power	Socket	Glass T. [°C]	W [Kg]	Code
AL QT-9 sanded glass	12V	20W	G4	max 70	1,80	76146.00
AL QT-9 crystal	12V	20W	G4	max 75	1,80	76146.00.T

fixture for plasterboard wall installation
 fixture complete with light source oscillation accessory



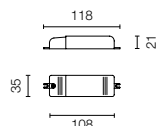
photometric data corresponding to the sanded glass



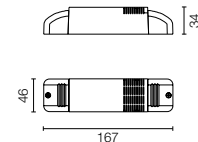
ACCESSORIES



electronic transformer 105 W
 230/240 V 50/60 Hz.
 code **4.94094.81**



electronic transformer 210 W
 230/240 V 50-60 Hz.
 code **4.94095.00**



electromagnetic control gear 20 W, IP68
 code **78476.00**



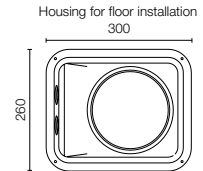
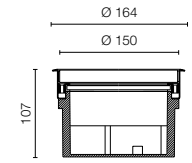
electromagnetic control gear 100 W, IP68
 code **76054.00**



Source	Voltage	Power	Socket	Glass T. [°C]	W [Kg]	Code
AL QT-12 sanded glass	12V	35W	GY6,35	max 90	2,60	76150.00
AL QR-CB51 sanded glass	12V	50W	GU5,3	max 105	2,60	76150.00
AL QT-12 crystal	12V	35W	GY6,35	max 95	2,60	76150.00.T
AL QR-CB51 crystal	12V	50W	GU5,3	max 110	2,60	76150.00.T
Housing						76153.00

IP67 IK07 200 Kg

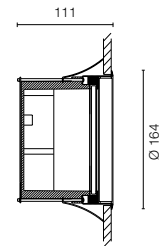
fixture for floor installation
 fixture complete with light source oscillation accessory
 electronic ballast available as accessory



Source	Voltage	Power	Socket	Glass T. [°C]	W [Kg]	Code
AL QT-12 sanded glass	12V	35W	GY6,35	max 90	2,60	76151.00
AL QR-CB51 sanded glass	12V	50W	GU5,3	max 105	2,60	76151.00
AL QT-12 crystal	12V	35W	GY6,35	max 95	2,60	76151.00.T
AL QR-CB51 crystal	12V	50W	GU5,3	max 110	2,60	76151.00.T

IP67 IK07

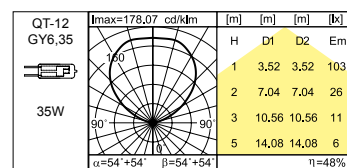
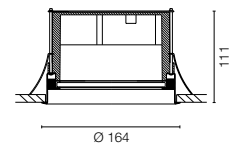
fixture for plasterboard wall installation
 fixture complete with light source oscillation accessory
 electronic ballast available as accessory



Source	Voltage	Power	Socket	Glass T. [°C]	W [Kg]	Code
AL QT-12 sanded glass	12V	35W	GY6,35	max 90	2,60	76152.00
AL QR-CB51 sanded glass	12V	50W	GU5,3	max 105	2,60	76152.00
AL QT-12 crystal	12V	35W	GY6,35	max 95	2,60	76152.00.T
AL QR-CB51 crystal	12V	50W	GU5,3	max 110	2,60	76152.00.T

IP67 IK07

ceiling-mounted fixture without top glass
 fixture complete with light source oscillation accessory
 electronic ballast available as accessory

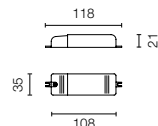


photometric data corresponding to the sanded glass

ACCESSORIES



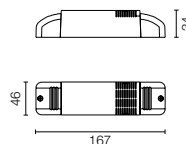
electronic transformer 105 W
 230/240 V 50/60 Hz.
 code **4.94094.81**



electromagnetic control gear 100 W, IP68
 code **76054.00**



electronic transformer 210 W
 230/240 V 50-60 Hz.
 code **4.94095.00**

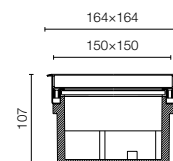




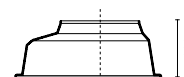
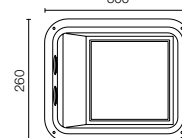
Source	Voltage	Power	Socket	Glass T.[°C]	W [Kg]	Code
AL QT-12 sanded glass	12V	35W	GY6,35	max 90	2,60	76155.00
AL QR-CB51 sanded glass	12V	50W	GU5,3	max 105	2,60	76155.00
AL QT-12 crystal	12V	35W	GY6,35	max 95	2,60	76155.00.T
AL QR-CB51 crystal	12V	50W	GU5,3	max 110	2,60	76155.00.T
Housing						76158.00

200 Kg

fixture for floor installation
 fixture complete with light source oscillation accessory

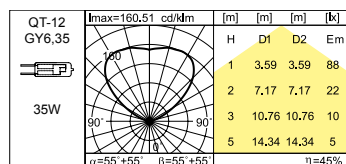
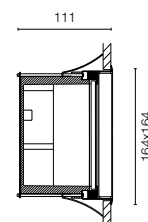


Housing for floor installation



Source	Voltage	Power	Socket	Glass T.[°C]	W [Kg]	Code
AL QT-12 sanded glass	12V	35W	GY6,35	max 90	2,60	76156.00
AL QR-CB51 sanded glass	12V	50W	GU5,3	max 105	2,60	76156.00
AL QT-12 crystal	12V	35W	GY6,35	max 95	2,60	76156.00.T
AL QR-CB51 crystal	12V	50W	GU5,3	max 110	2,60	76156.00.T

fixture for plasterboard wall installation
 fixture complete with light source oscillation accessory

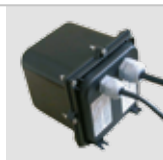
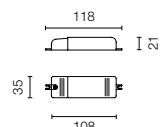


photometric data corresponding to the sanded glass

ACCESSORIES



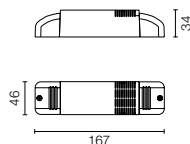
electronic transformer 105 W
 230/240 V 50/60 Hz.
 code **4.94094.81**



electromagnetic control gear 100 W, IP68
 code **76054.00**



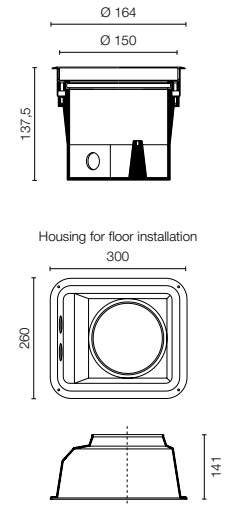
electronic transformer 210 W
 230/240 V 50-60 Hz.
 code **4.94095.00**





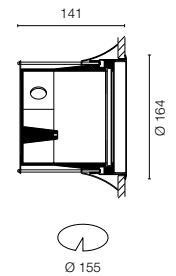
Source	Power	Socket	Glass T.[°C]	W [Kg]	Code
AL QT-12 sanded glass	35W	GY6,35	max 85	2,90	76160.00
AL QR-CB51 sanded glass	35W	GU5,3	max 95	2,90	76160.00
AL QT-12 crystal	35W	GY6,35	max 90	2,90	76160.00.T
AL QR-CB51 crystal	35W	GU5,3	max 100	2,90	76160.00.T
Housing					76163.00
Light source oscillation for .T versions only					76320.00

fixture for floor installation



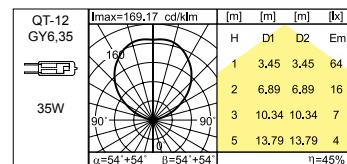
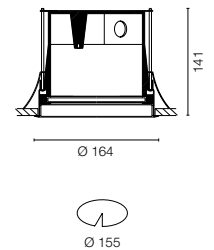
Source	Power	Socket	Glass T.[°C]	W [Kg]	Code
AL QT-12 sanded glass	35W	GY6,35	max 85	2,90	76161.00
AL QR-CB51 sanded glass	35W	GU5,3	max 95	2,90	76161.00
AL QT-12 crystal	35W	GY6,35	max 90	2,90	76161.00.T
AL QR-CB51 crystal	35W	GU5,3	max 100	2,90	76161.00.T
Light source oscillation for .T versions only					76320.00

fixture for plasterboard wall installation



Source	Power	Socket	Glass T.[°C]	W [Kg]	Code
AL QT-12 sanded glass	35W	GY6,35	max 85	2,90	76162.00
AL QR-CB51 sanded glass	35W	GU5,3	max 95	2,90	76162.00
AL QT-12 crystal	35W	GY6,35	max 90	2,90	76162.00.T
AL QR-CB51 crystal	35W	GU5,3	max 100	2,90	76162.00.T
Light source oscillation for .T versions only					76320.00

ceiling-mounted fixture without top glass



photometric data corresponding to the sanded glass

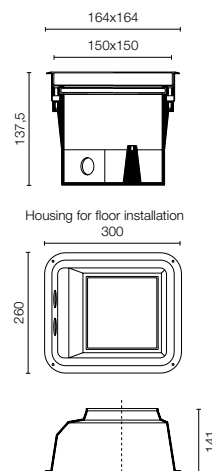
WALKIE TALKIE 150 H 137



Source	Power	Socket	Glass T.[°C]	W [Kg]	Code
AL QT-12 sanded glass	35W	GY6,35	max 85	2,90	76165.00
AL QR-CB51 sanded glass	35W	GU5,3	max 95	2,90	76165.00
AL QT-12 crystal	35W	GY6,35	max 90	2,90	76165.00.T
AL QR-CB51 crystal	35W	GU5,3	max 100	2,90	76165.00.T
Housing					76168.00
Light source oscillation for .T versions only					76320.00

IP67 IK07

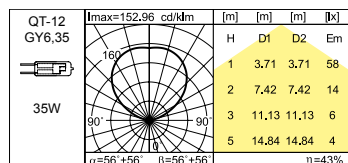
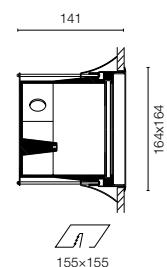
fixture for floor installation



Source	Power	Socket	Glass T.[°C]	W [Kg]	Code
AL QT-12 sanded glass	35W	GY6,35	max 85	2,90	76166.00
AL QR-CB51 sanded glass	35W	GU5,3	max 95	2,90	76166.00
AL QT-12 crystal	35W	GY6,35	max 90	2,90	76166.00.T
AL QR-CB51 crystal	35W	GU5,3	max 100	2,90	76166.00.T
Light source oscillation for .T versions only					76320.00

IP67 IK07

fixture for installation in plasterboard walls, complete with electromagnetic transformer



photometric data corresponding to the sanded glass

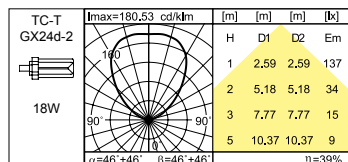
WALKIE TALKIE 150 H 247



Source	Power	Socket	Glass T.[°C]	W [Kg]	Code
FL TC-T sanded glass	18W	GX24d-2	max 40	3,70	76167.00
FL TC-T crystal	18W	GX24d-2	max 45	3,70	76167.00.T
Housing					76169.00

IP67 IK07 200 Kg

fixture for floor installation

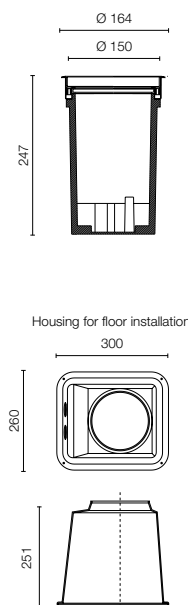


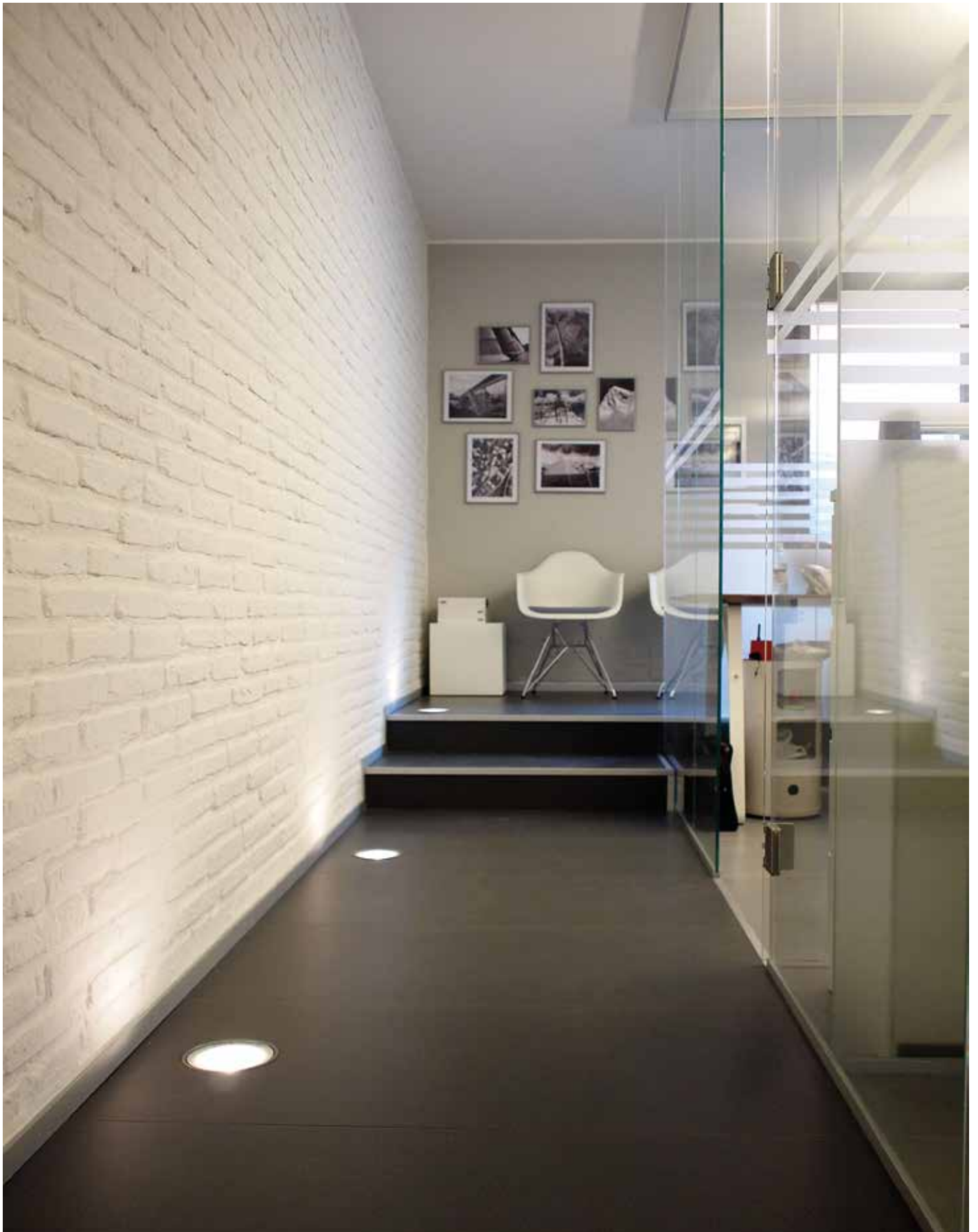
photometric data corresponding to the sanded glass

Source	Power	Socket	Glass T.[°C]	W [Kg]	Code
AL PAR30S sanded glass	75W	E27	max 100	3,40	76176.00
AL PAR30S crystal	75W	E27	max 105	3,40	76176.00.T
FL Genura sanded glass	23W	E27	max 45	3,40	76176.00
FL Genura crystal	23W	E27	max 55	3,40	76176.00.T
Housing					76169.00

IP67 IK07 200 Kg

fixture for floor installation





DESIGN: MARCO CASAMONTI



HOSPITALITY



RESIDENTIAL



URBAN

WALKIE TALKIE 275x85



WALKIE TALKIE BRICK



Body

Die-cast aluminium body and ring nut, tempered bottom glass with sand-blasted or transparent finish, sand-blasted upper glass with 10mm thickness and partially sand-blasted finish. Sand-blasted stainless steel visible bezel. Possible wall or floor installation.

Light sources

TC-SE compact fluorescent lamps.

Emissions

Diffused symmetrical distribution.

Power supply

Integrated electromagnetic control gear

Accessories

Recess box for concrete and solid walls.

Colors

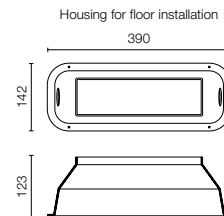
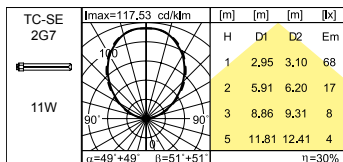
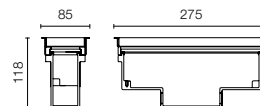
Stainless steel decorative bezel.



RECESSED FIXTURE FOR FLOOR INSTALLATION 275x85



Source	Power	Socket	Glass T. [°C]	W [kg]	Code
FL TC-SE	11W	2G7	max 45	2,30	76180.00
Housing					76183.00



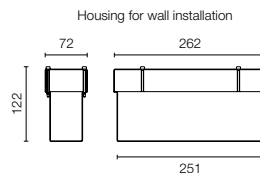
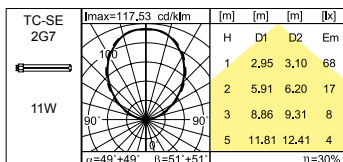
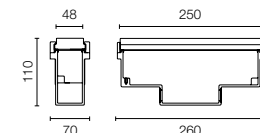
Source	Power	Socket	Glass T. [°C]	W [kg]	Code
FL TC-SE	11W	2G7	max 45	2,30	76185.00

FIXTURE FOR INSTALLATION IN EXPOSED BRICK WALLS



Source	Power	Socket	Glass T. [°C]	W [kg]	Code
FL TC-SE	11W	2G7	max 45	2,20	76170.00
Housing					76173.00

specifically for bricks UNI 8942/2; 250x55x120 mm

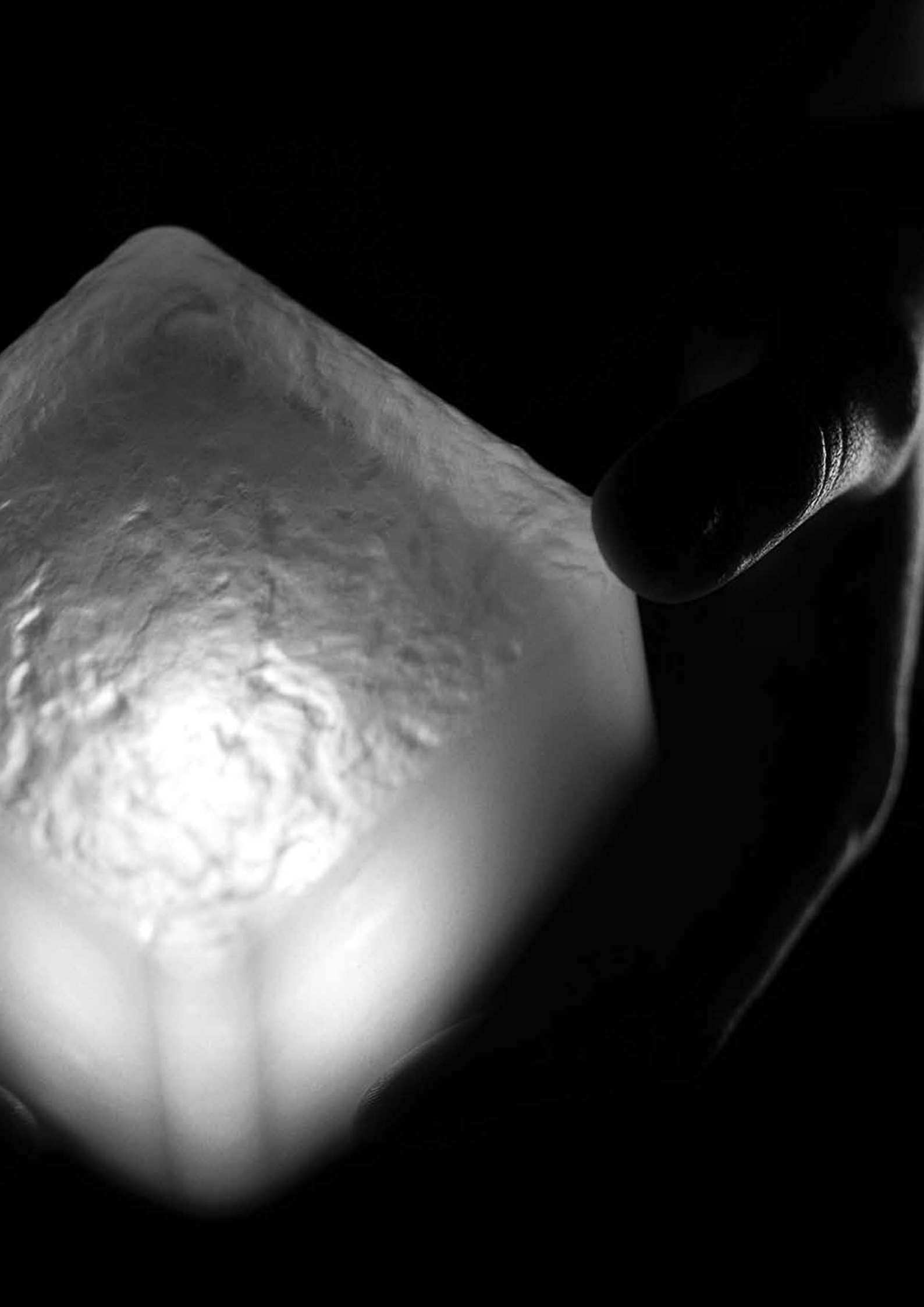




PORFIDO

DESIGN: PIER FILIPPO FERRARI

A surprising, very difficult to forget object. Porfido plays with matter and light, giving life to an inert, immobile material such stone, evoking its shape with uniqueness and colour.



DESIGN: PIER FILIPPO FERRARI



HOSPITALITY

RESIDENTIAL

URBAN



PORFIDO 76X76 MM

PORFIDO 88X88 MM

Body

Recessed floor-mounted fixture comprising a die-cast aluminium support onto which a tempered moulded glass (thickness 7 mm) with acid-etched satin finish is fixed. Equipped with high-power LEDs in a variety of colours, including the RGB version. Available with base dimensions measuring 88x88 and 76x76 mm. Available in version with current or voltage power supply.

Light sources

1W LED available in warm white and cool white, blue, amber, green or red version. Available in version with 3W RGB LED.

Emissions

Symmetrical diffused distribution for signalling purposes.

Power supply

Electronic or electromagnetic ballast available as an accessory.

Accessories

Electronic or electromagnetic ballasts available with different wattage and IP protection ratings. DMX512 management controller for RGB version.

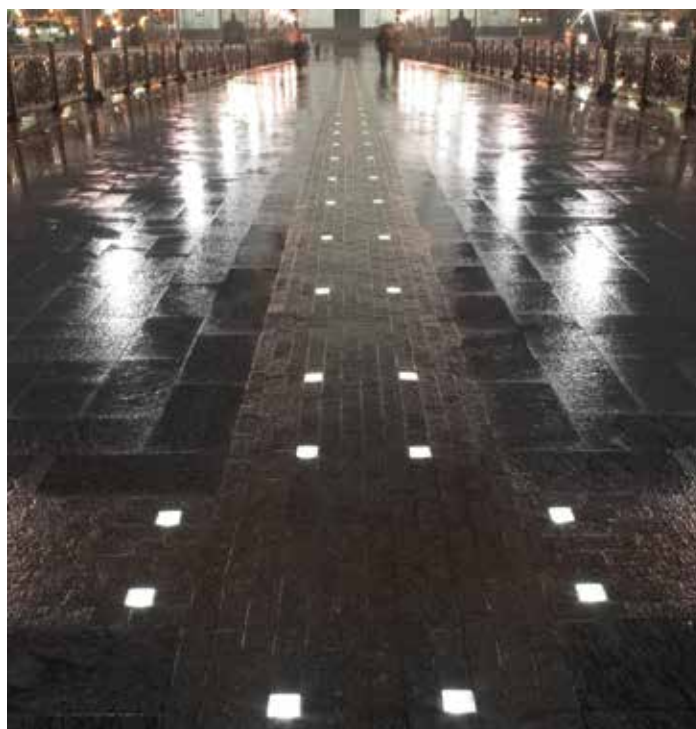
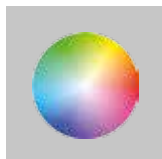
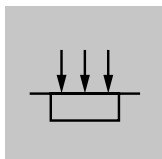
Pole, anchor bolts and spike for Porfido paletto.

Colors

Acid-etched satin moulded glass.

1000 Kg
max 30Km/h

RGB



88x88x75



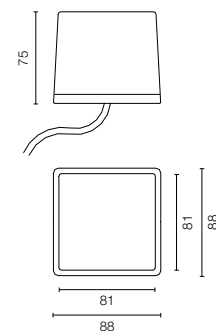
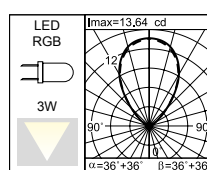
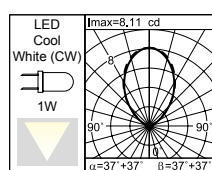
Source	Power	Power	W [Kg]	Code
Warm white LED	9-15V c.c.	1W	0,70	76288.00
Cool White LED	9-15V c.c.	1W	0,70	76280.00
Blue LED	9-15V c.c.	1W	0,70	76281.00
Amber LED	9-15V c.c.	1W	0,70	76282.00
Green LED	9-15V c.c.	1W	0,70	76284.00
Red LED	9-15V c.c.	1W	0,70	76285.00

IP67 IK09 1000 Kg

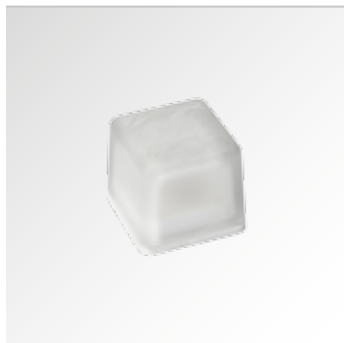
RGB LED	3W	0,70	76286.00
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IP67 IK09 1,000 kg - maximum transit speed 30 km/h

DMX512 color controller see page 548
control gear available as accessory see page 189



76x76x61



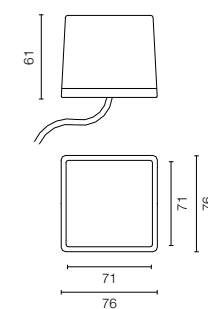
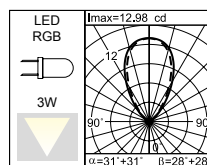
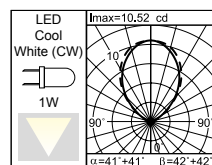
Source	Power	Power	W [Kg]	Code
Warm white LED	9-15V c.c.	1W	0,70	76398.00
Cool White LED	9-15V c.c.	1W	0,70	76390.00
Blue LED	9-15V c.c.	1W	0,70	76391.00
Amber LED	9-15V c.c.	1W	0,70	76392.00
Green LED	9-15V c.c.	1W	0,70	76394.00
Red LED	9-15V c.c.	1W	0,70	76395.00

IP67 IK09 1000 Kg - maximum transit speed 30 km/h

RGB LED	3W	0,70	76396.00
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IP67 IK09 1000 Kg - maximum transit speed 30 km/h

DMX512 color controller see page 548
control gear available as accessory see page 189



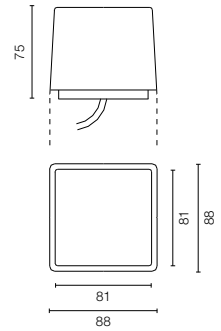
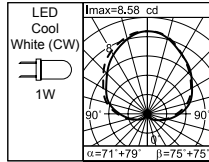
88x88x75



Source	Voltage	Power	W [Kg]	Code
Warm white LED	9-15V c.c.	1W	0,70	76424.00
Cool White LED	9-15V c.c.	1W	0,70	76400.00
Blue LED	9-15V c.c.	1W	0,70	76401.00
Amber LED	9-15V c.c.	1W	0,70	76402.00
Green LED	9-15V c.c.	1W	0,70	76404.00
Red LED	9-15V c.c.	1W	0,70	76405.00

IP65 IK09

control gear available as accessory see page 189
modular fixture, for pole see accessories below



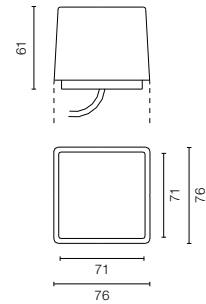
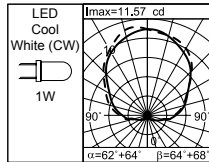
76x76x61



Source	Voltage	Power	W [Kg]	Code
Warm white LED	9-15V c.c.	1W	0,50	76425.00
Cool White LED	9-15V c.c.	1W	0,50	76410.00
Blue LED	9-15V c.c.	1W	0,50	76411.00
Amber LED	9-15V c.c.	1W	0,50	76412.00
Green LED	9-15V c.c.	1W	0,50	76414.00
Red LED	9-15V c.c.	1W	0,50	76415.00

IP65 IK09

control gear available as accessory see page 189
modular fixture, for pole see accessories below



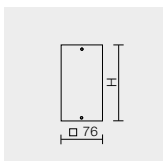
68 79



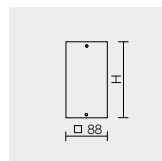
anchor bolts kit for concrete
code **76419.00**



spike for ground installation
code **76409.00**



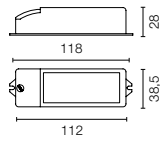
pole for Porfido 76x76
H [mm] 50
code **76416.**
H [mm] 150
code **76417.**
H [mm] 750
code **76418.**



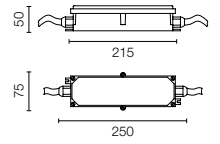
pole for Porfido 88x88
H [mm] 50
code **76406.**
H [mm] 150
code **76407.**
H [mm] 750
code **76408.**



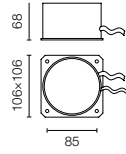
IP40 electronic ballast
230-240/12 VDC 15 W
suitable for controlling up
to 13 fixtures
code **38919.00**



IP67 electronic ballast
230-240/12 VDC 70 W
suitable for controlling up
to 65 fixtures
code **38933.00**

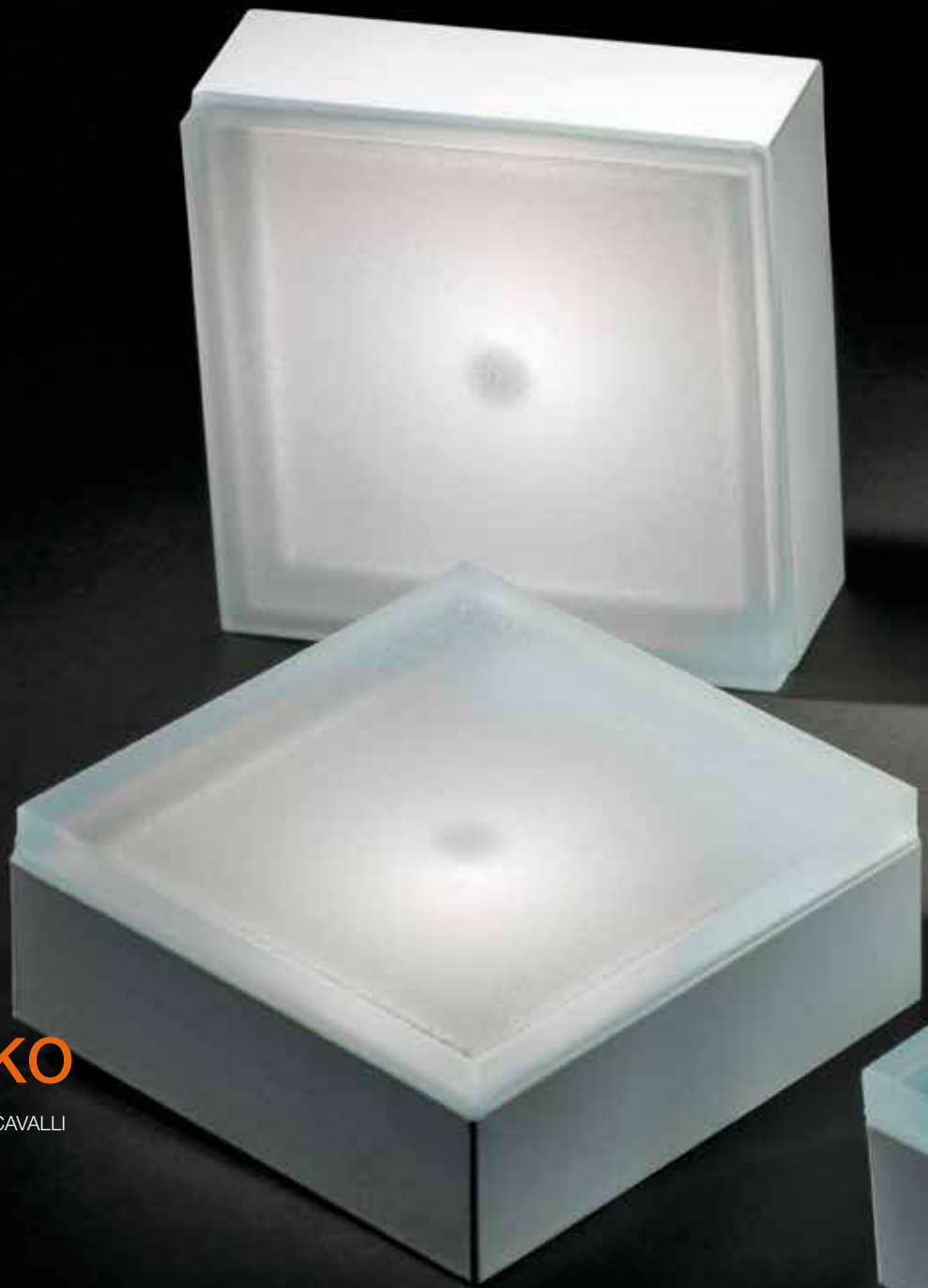


IP66 electromagnetic ballast
(non-stabilised)
230/12 VDC 50 W
suitable for controlling up to 45 fixtures
code **38920.00**









BRIKKO

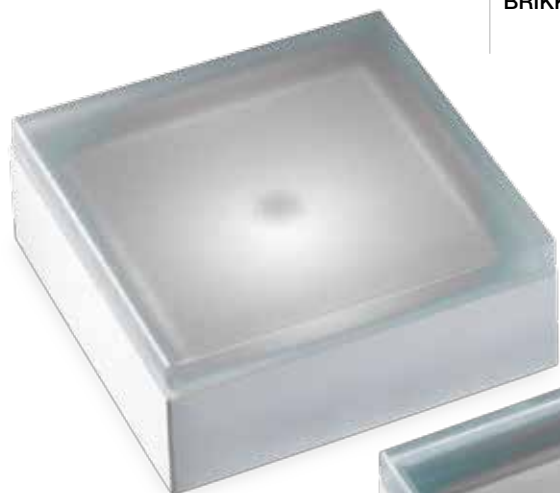
DESIGN: DAVIDE CAVALLI

Walking in darkness without feeling lost, because a guide is leading you. This is the mission of Brikkko, a compact, simple, clean, yet dynamic and appealing product.

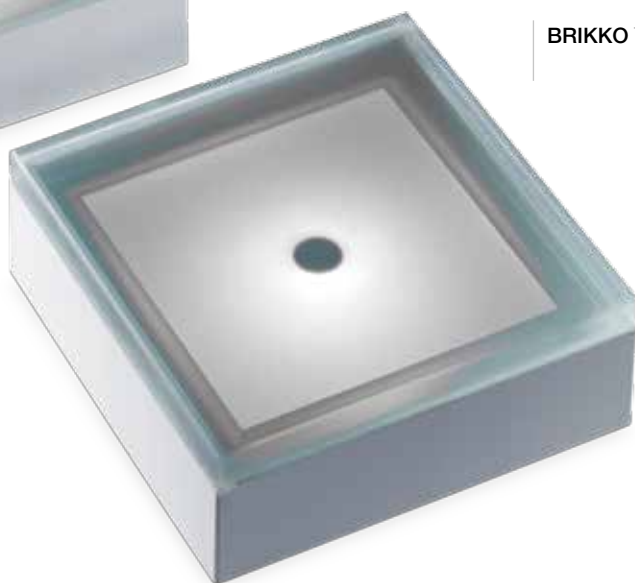




BRIKKO ANTI-SLIP GLASS



BRIKKO TRANSPARENT GLASS



Body

Square-shaped recessed fixture for wall or floor installation, size 101x101 depth 40 mm. Powder-coated die-cast anodised aluminium body. Tempered 20 mm thick glass with anti-slip glossy or ice finish.

Light sources

1W LED available in Neutral white and Warm white, blue, amber, green or red version.

Emissions

Symmetrical diffused distribution for signalling purposes.

Power supply

Electronic or electromagnetic ballast available as an accessory.

Accessories

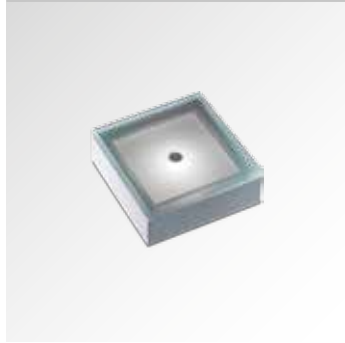
Stainless steel housing for concrete. Electronic or electromagnetic ballasts available with different wattage and IP degrees.

Colors

Transparent glass or glass with anti-slip surface finish.

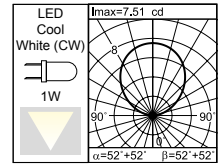
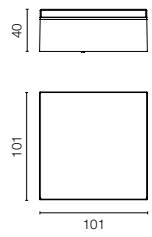


TRASPARENT GLASS



Source	Voltage	Power	Color temperature [K]	W [Kg]	Code
White LED	12V	1W	3000K	0,70	75080.00 WW
White LED	12V	1W	6050K	0,70	75080.00 CW
Blue LED	12V	1W	/	0,70	75081.00
Amber LED	12V	1W	/	0,70	75082.00
Green LED	12V	1W	/	0,70	75084.00
Red LED	12V	1W	/	0,70	75085.00

IP67 1000 kg a 30 Km/h
 electromagnetic or electronic ballast available as accessory

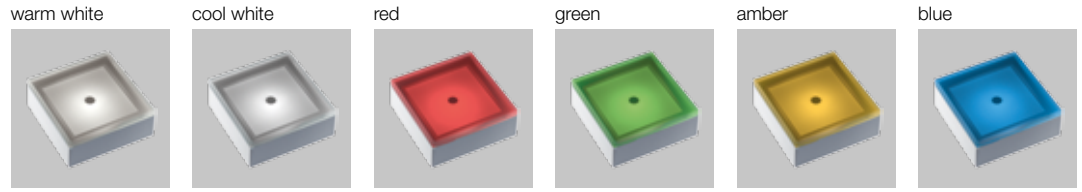
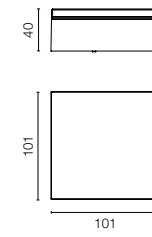


ANTI-SLIP GLASS



Source	Voltage	Power	Color temperature [K]	W [Kg]	Code
White LED	12V	1W	3000K	0,70	75090.00 WW
White LED	12V	1W	6050K	0,70	75090.00 CW
Blue LED	12V	1W	/	0,70	75091.00
Amber LED	12V	1W	/	0,70	75092.00
Green LED	12V	1W	/	0,70	75094.00
Red LED	12V	1W	/	0,70	75095.00

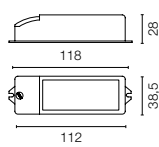
IP67 1000 kg a 30 Km/h
 glass with anti-slip surface treatment
 electromagnetic or electronic ballast available as accessory



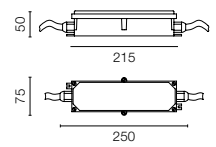
ACCESSORIES



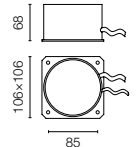
IP40 electronic ballast
 230-240/12 VDC 15W
 suitable for controlling up to
 13 fixtures
 code **38919.00**



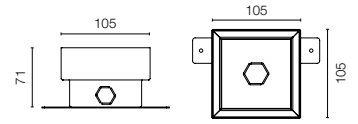
IP67 electronic ballast
 230-240/12 VDC 70W
 suitable for controlling up to
 65 fixtures
 code **38933.00**



IP66 electromagnetic ballast
 (non-stabilised)
 230/12 VDC 50W
 suitable for controlling up
 to 45 fixtures
 code **38920.00**



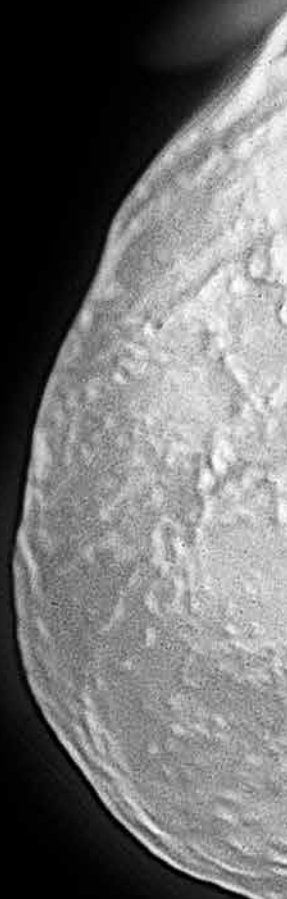
housing for
 concrete
 code **93460.00**



SASSO

DESIGN: PIER FILIPPO FERRARI

From today on, throwing a Sasso means to spangle the surrounding space with light, scattering luminous nuggets over the path in order not to lose the way. Sasso is an evocative object that converts function into a mission.







Body

Recessed floor-mounted fixture comprising a die-cast aluminium support onto which a tempered moulded glass (thickness 7 cm) with acid-etched satin finish is fixed. Equipped with high-power LEDs in a variety of colours, including the RGB version.

Light sources

1W LED available in warm white and cool white, blue, amber, green or red version. Available in version with 3W RGB LED.

Emissions

Symmetrical diffused distribution for signalling purposes.

Power supply

Electronic or electromagnetic ballast available as accessory.

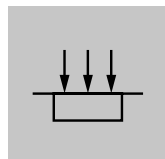
Accessories

Electronic or electromagnetic ballasts available with different wattage and IP protection ratings. DMX512 management controller for RGB version.

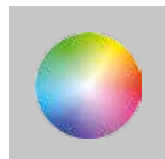
Colors

Acid-etched satin moulded glass.

1000 Kg
max 30Km/h



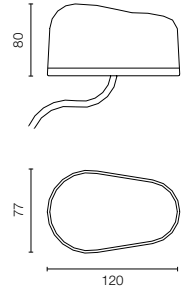
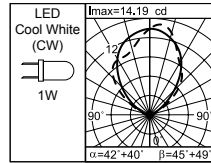
RGB





Source	Voltage	Power	W [Kg]	Code
Warm white LED	9-15V c.c.	1W	0,70	76278.00
Cool White LED	9-15V c.c.	1W	0,70	76270.00
Blue LED	9-15V c.c.	1W	0,70	76271.00
Amber LED	9-15V c.c.	1W	0,70	76272.00
Green LED	9-15V c.c.	1W	0,70	76274.00
Red LED	9-15V c.c.	1W	0,70	76275.00

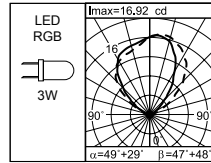
IP67 IK09 1,000 kg - maximum transit speed 30 km/h



Source	Power	W [Kg]	Code
RGB LED	3W	0,70	76276.00

IP67 IK09 1,000 kg - maximum transit speed 30 km/h

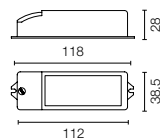
DMX512 color controller see page 548
control gear available as accessory



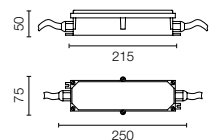
ACCESSORIES



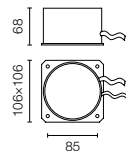
IP40 electronic ballast
230-240/12 VDC 15W
suitable for controlling
up to 13 fixtures
code **38919.00**



IP67 electronic ballast
230-240/12 VDC 70W
suitable for controlling
up to 65 fixtures
code **38933.00**



IP66 electromagnetic ballast (non-stabilised)
230/12 VDC 50W
suitable for controlling
up to 45 fixtures
code **38920.00**







WALKIE CAR 160

DESIGN: MARTINI STAFF

Walkie CAR 160 is a hard-wearing, leathery treasure chest that opens to let the light out and mark the way. On the ground it draws out three different lighting designs that work with the darkness and texture of the soil to create new external scenarios.



WALKIE CAR 160

DESIGN: MARTINI STAFF



HOSPITALITY



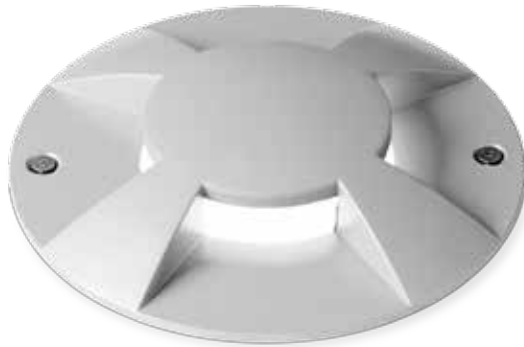
RESIDENTIAL



URBAN



WALKIE CAR 160 2 BEAMS



WALKIE CAR 160 4 BEAMS



WALKIE CAR 160 1 BEAM

Body

Monoblock recess in pressure cast aluminium and tempered protective glass. Stainless steel fixing screws. Compulsory specific housing supplied with the appliance.

Light sources

QT-12 halogen lamp; 18 W TC-T compact fluorescent lamp. 1W LED in cool white, blue, amber, green or red version.

Emissions

1, 2 and 4 beams, distributed around the edge of the body.

Power supply

Integrated electronic transformer in the versions with halogen lamp and fluorescent lamp. Electronic or electromagnetic control gear available as an accessory for LED versions.

Accessories

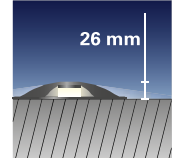
Electronic or electromagnetic ballast available as accessory.

Colors

Satin grey, anthracite grey or corten finish.

500 Kg
max 10Km/h

reduced height:
26 mm

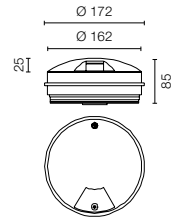


68 79 86

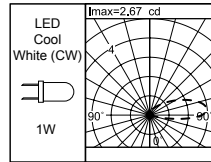


Source	Voltage	Power	W [Kg]	Code
Cool White LED	12V c.c.	1W	1,50	76450. __
Blue LED	12V c.c.	1W	1,50	76451. __
Amber LED	12V c.c.	1W	1,50	76452. __
Green LED	12V c.c.	1W	1,50	76454. __
Red LED	12V c.c.	1W	1,50	76455. __

IP67 IK10 500 kg
electronic ballast available as accessory

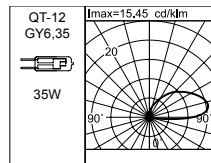
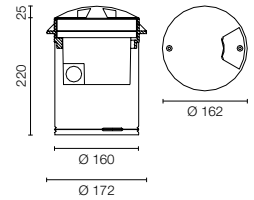


LED



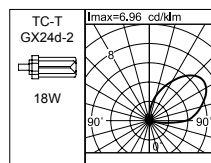
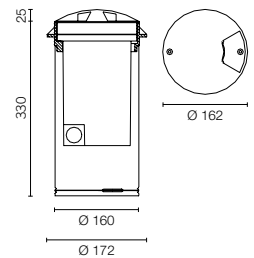
Source	Power	Socket	Glass T. [°C]	W [Kg]	Code
AL QT-12	35W	GY6,35	max 70	3,40	76201. __

IP67 IK10 500 Kg
complete with ballast, 35W lamp and housing



Source	Power	Socket	Glass T. [°C]	W [Kg]	Code
FL TC-T	18W	GX24d-2	max 50	4,60	76211. __

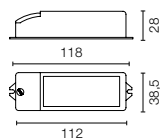
IP67 IK10 500 Kg
complete with ballast, 18W 3000 K lamp and housing



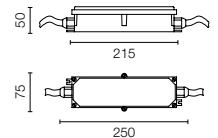
ACCESSORIES FOR 1W LED



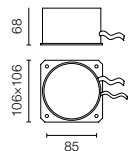
IP40 electronic ballast
230-240/12 VDC 15 W
suitable for controlling up to 6 fixtures
code **38919.00**



IP67 electronic ballast
230-240/12 VDC 70 W
suitable for controlling
up to 28 fixtures
code **38933.00**



IP66 electromagnetic ballast
(non-stabilised)
230/12 VDC 50 W
suitable for controlling up to 20 fixtures
code **38920.00**

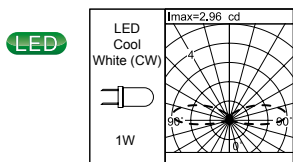
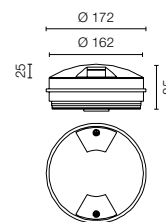




Source	Voltage	Power	W [Kg]	Code
Cool White LED	12V c.c.	1W	1,50	76460. __
Blue LED	12V c.c.	1W	1,50	76461. __
Amber LED	12V c.c.	1W	1,50	76462. __
Green LED	12V c.c.	1W	1,50	76464. __
Red LED	12V c.c.	1W	1,50	76465. __

IP67 IK10 500 Kg

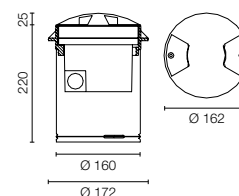
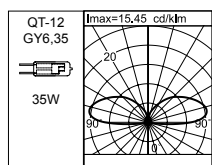
electronic ballast available as accessory



Source	Power	Socket	Glass T. [°C]	W [Kg]	Code
AL QT-12	35W	GY6,35	max 70	3,35	76202. __

IP67 IK10 500 Kg

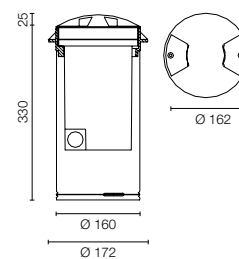
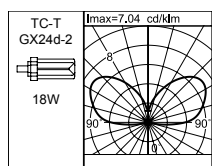
complete with ballast, with 35W lamp and housing



Source	Power	Socket	Glass T. [°C]	W [Kg]	Code
FL TC-T	18W	GX24d-2	max 50	4,55	76212. __

IP67 IK10 500 Kg

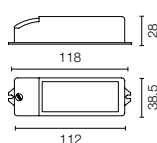
complete with ballast, with 18W 3000K lamp and housing



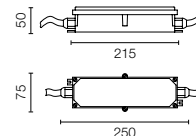
ACCESSORIES FOR 1W LED



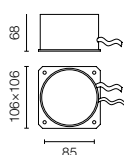
IP40 electronic ballast
230-240/12 VDC 15 W
suitable for controlling up to 6 fixtures
code **38919.00**



IP67 electronic ballast
230-240/12 VDC 70 W
suitable for controlling
up to 28 fixtures
code **38933.00**



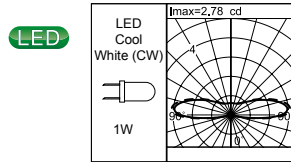
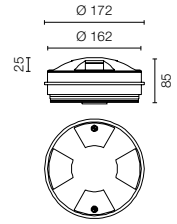
IP66 electromagnetic ballast
(non-stabilised)
230/12 VDC 50 W
suitable for controlling up to 20 fixtures
code **38920.00**





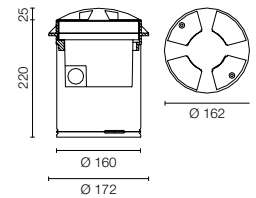
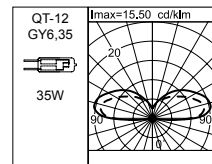
Source	Voltage	Power	W [Kg]	Code
Cool White LED	12V c.c.	1W	1,50	76470. _
Blue LED	12V c.c.	1W	1,50	76471. _
Amber LED	12V c.c.	1W	1,50	76472. _
Green LED	12V c.c.	1W	1,50	76474. _
Red LED	12V c.c.	1W	1,50	76475. _

IP67 IK10 electronic ballast available as accessory



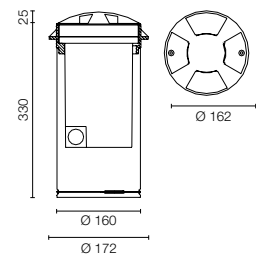
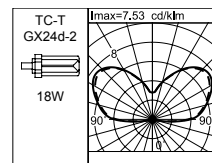
Source	Power	Socket	Glass T. [°C]	W [Kg]	Code
AL QT-12	35W	GY6,35	max 70	3,30	76204. _

IP67 IK10 500 Kg complete with ballast, with 35W lamp and housing



Source	Power	Socket	Glass T. [°C]	W [Kg]	Code
FL TC-T	18W	GX24d-2	max 50	4,50	76214. _

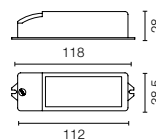
IP67 IK10 500 Kg complete with ballast, with 18W 3000K lamp and housing



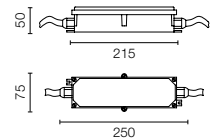
ACCESSORIES FOR 1W LED



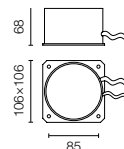
IP40 electronic ballast
230-240/12 VDC 15 W
suitable for controlling up to 6 fixtures
code **38919.00**



IP67 electronic ballast
230-240/12 VDC 70 W
suitable for controlling
up to 28 fixtures
code **38933.00**



IP66 electromagnetic ballast
(non-stabilised)
230/12 VDC 50 W
suitable for controlling up to 20 fixtures
code **38920.00**





WALKIE CAR 230-300

DESIGN: MARTINI STAFF

The emotion and fascination of a light beam projected from the ground. The ground-integrated concealed lamp makes the impossible seem possible: bringing light where it does not exist, by magic. This is Walkie Car, and much more.



DESIGN: MARTINI STAFF



HOSPITALITY



RESIDENTIAL



URBAN

WALKIE CAR 230



WALKIE CAR 300



Body

IP67 floor-recessed fixture, die-cast aluminium body and stainless steel bezel with tempered glass with high resistance to static loads. The lamps are integrated in a swivelling structure with $\pm 15^\circ$ tilt. Housing supplied with fixture.

Light sources

AR111 and PAR30S halogen lamps with incorporated reflector; compact fluorescent lamps. Metal halide lamps with E27, G12 fitting and with double-ended Rx7s fitting.

25W or 34W LED Array available in Warm white version (3000K) CRI>80 version.

Seven LEDs Eye RGBW of total power 36W.

Emissions

Adjustable symmetric and asymmetric optics. Beam opening according to chosen lamp.

High-vacuum metallised polycarbonate optics, or very-high performance white polycarbonate optic.

Power supply

Control gear units integrated inside the body. The electromagnetic circuit on the metal halide version is equipped with a PFC capacitor.

Accessories

Baffle.

Colors

Stainless steel finish.

static load 1000 Kg
maximum transit
speed 30 km/h

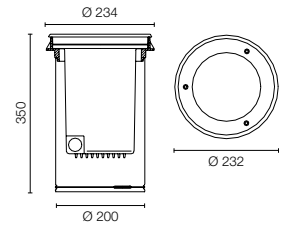




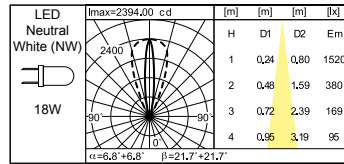
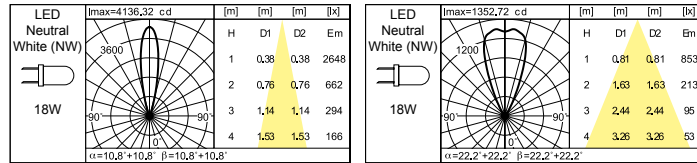
Source	Power	Φ [lm]	Color temperature [K]	Optic	W [Kg]	Code
12 LED	18W	920	4000	M	7,20	78851.00NW
12 LED	18W	920	4000	F	7,20	78852.00NW
12 LED	18W	920	4000	E	7,20	78853.00NW
12 LED	18W	920	3000	M	7,20	78851.00WW
12 LED	18W	920	3000	F	7,20	78852.00WW
12 LED	18W	920	3000	E	7,20	78853.00WW

IP67 IK10 1000 Kg

possibility of adjusting the LED unit by ±15°, thanks to a swivelling system



LED



Source	Power	Φ [lm]	Optic	W [Kg]	Code
7LED RGBW	max 36W	1120	M	7,20	78857.00RGBW

IP67 IK10 1000 Kg

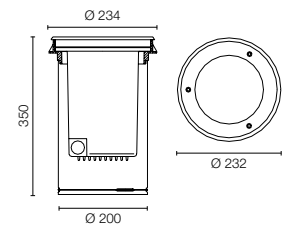
possibility of adjusting the LED unit by ±15°, thanks to a swivelling system
DMX512 colour controller see page 548 and subsequent



Source	Power	Φ [lm]	Color temperature [K]	CRI	Beam	W [Kg]	Code
LED	25W	2130	3000	>80	25°+25°/21°+25°	5,00	78858.00WW
LED	34W	3260	3000	>80	26°+26°/24°+24°	5,00	78864.00WW

IP67 IK10 1000 Kg

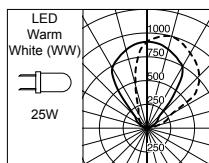
high vacuum metallized polycarbonate optic



Source	Power	Φ [lm]	Color temperature [K]	CRI	Beam	W [Kg]	Code
LED	25W	2130	3000	>80	40°+40°/31°+41°	5,00	78868.00WW
LED	34W	2800	3000	>80	42°+42°/35°+40°	5,00	78865.00WW

IP67 IK10 1000 Kg

high-yield white polycarbonate optic



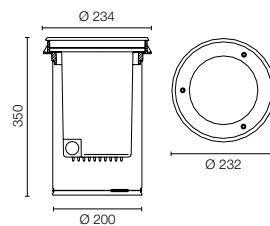
LED



Source	Power	Socket	Glass T. [°C]	W [kg]	Code
AL PAR30S	75W	E27	max 100	6,40	76223.00

IP67
 IK10
 1000 Kg

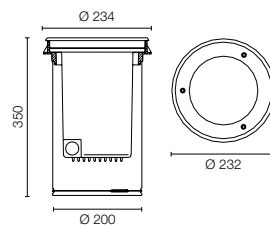
adjustable symmetrical optic $\pm 15^\circ$
 complete with 75W lamp and housing
 lamp photometric data - see page 564



Source	Power	Socket	Glass T. [°C]	W [kg]	Code
AL AR111	50W	G53	max 125	7,00	76224.00

IP67
 IK10
 1000 Kg

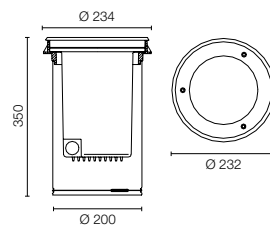
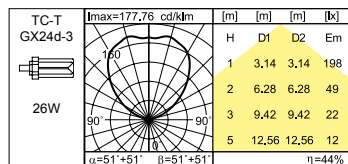
adjustable symmetrical optic $\pm 15^\circ$
 complete with 50W 24° lamp and housing
 lamp photometric data - see page 564



Source	Power	Socket	Glass T. [°C]	W [kg]	Code
FL TC-T	26W	GX24d-3	max 70	6,60	76225.00

IP67
 IK10
 1000 Kg

symmetrical optic
 complete with 26W 3000 K lamp and housing



ACCESSORIES

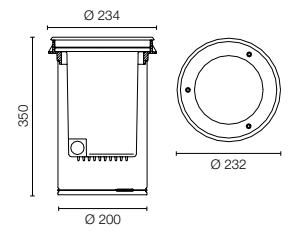
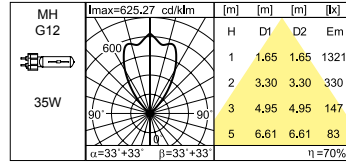


baffle
code 76323.00



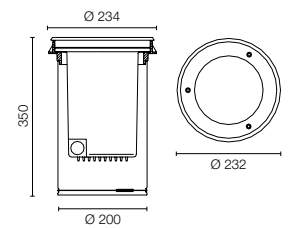
Source	Power	Socket	Glass T. [°C]	W [kg]	Code
MH	35W	G12	max 90	7,30	76220.00

IP67 IK10 1000 Kg
 adjustable symmetrical optic $\pm 15^\circ$
 complete with 35W 3000 K lamp and housing



Source	Power	Socket	Glass T. [°C]	W [kg]	Code
MH PAR30	35W	E27	max 90	7,50	76222.00

IP67 IK10 1000 Kg
 adjustable symmetrical optic $\pm 15^\circ$
 complete with 35W 3000 K 30° lamp and housing
 lamp photometric data - see page 564



ACCESSORIES



baffle
code **76323.00**

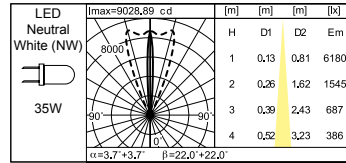
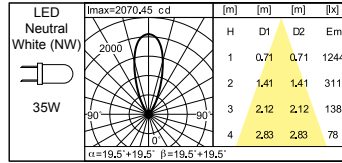
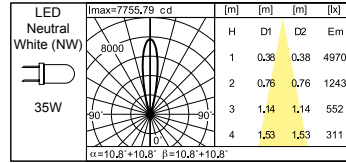
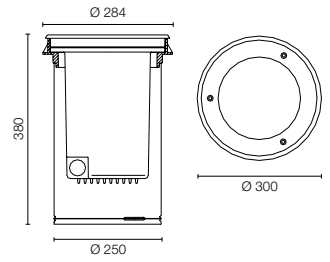


Source	Power	Φ [lm]	Color temperature [K]	Optic	W [Kg]	Code
24 LED WHITE	35W	1500	4000	M	10,2	78861.00NW
24 LED WHITE	35W	1150	4000	F	10,2	78862.00NW
24 LED WHITE	35W	1350	4000	E	10,2	78863.00NW
24 LED WHITE	35W	1500	3000	M	10,2	78861.00WW
24 LED WHITE	35W	1150	3000	F	10,2	78862.00WW
24 LED WHITE	35W	1350	3000	E	10,2	78863.00WW

IP67 IK10 1000 Kg

possibility of adjusting the two LED units separately by $\pm 15^\circ$, thanks to a swivelling system

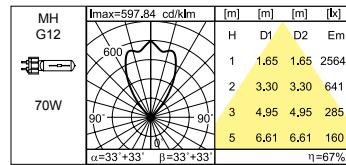
LED



Source	Power	Socket	Glass T. [°C]	W [kg]	Code
MH	70W	G12	max 125	10,0	76230.00

IP67 IK10 1000 Kg

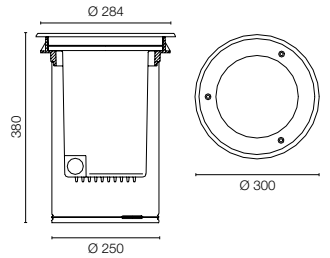
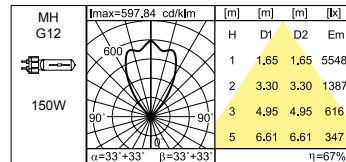
adjustable symmetrical optic $\pm 15^\circ$
complete with 70W 3000 K lamp and housing



Source	Power	Socket	Glass T. [°C]	W [kg]	Code
MH	150W	G12	max 140	9,50	76231.00

IP67 IK10 1000 Kg

adjustable symmetrical optic $\pm 15^\circ$
complete with 150 W 3000 K lamp and housing




ACCESSORIES




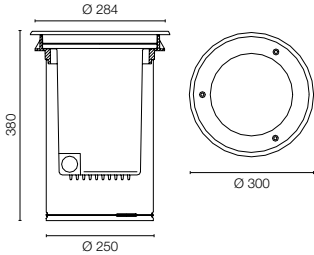

baffle for MH version
code **76330.00**






Source	Power	Socket	Glass T. [°C]	W [kg]	Code
MH PAR30	70W	E27	max 130	10,3	76233.00

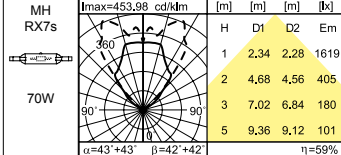
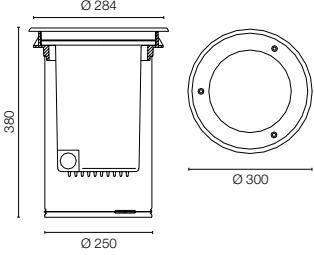




 IP67 IK10 1000 Kg
 adjustable symmetrical optic $\pm 15^\circ$
 complete with 70W 3000 K 40° lamp and housing
 lamp photometric data - see page 564







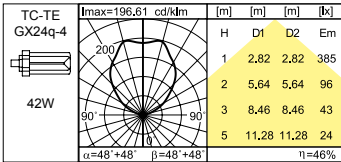
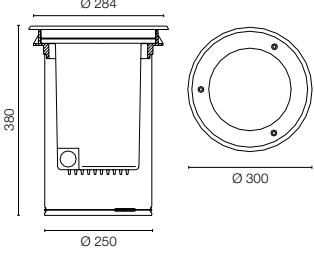

Source	Power	Socket	Glass T. [°C]	W [kg]	Code
MH	70W	RX7s	max 100	10,0	76232.00




 IP67 IK10 1000 Kg
 adjustable symmetrical optic $\pm 15^\circ$
 complete with 70 W 3000 K lamp and housing








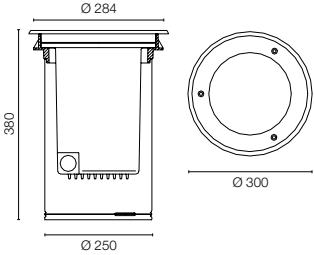
Source	Power	Socket	Glass T. [°C]	W [kg]	Code
FL TC-TE	42W	GX24q-4	max 80	8,60	76235.00




 IP67 IK10 1000 Kg
 symmetrical optic
 complete with 42W 3000K lamp and housing

Source	Power	Socket	Glass T. [°C]	W [kg]	Code
AL AR111	100W	G53	max 210	9,70	76234.00




 IP67 IK10 1000 Kg
 adjustable symmetrical optic $\pm 15^\circ$
 complete with 100W 45° lamp and housing
 lamp photometric data - see page 564



ACCESSORIES



baffle
code **76330.00**





PIANA

DESIGN: MARTINI STAFF

Technology teams up with emotions, giving birth to Piana: with a powerful, yet clean shape, with performance and flexibility, it enhances architecture without intrusiveness.



DESIGN: MARTINI STAFF



Body

IP67 die-cast aluminium recessed fixture with stainless steel decorative bezel. Tempered diffuser glass with temperature guaranteed under 75°. Available in three different sizes.

Light sources

10W and 20W halogen lamps, 70W, 150W and 250W metal halide lamps, 150W and 250W high pressure sodium lamps, 26W, 32W, 42W and 57W fluorescent lamps.
 One LED of total power 2.5W available in Warm White, Cool White and blue version.
 Three LED of total power 6W available in Warm White, Cool White and blue version.

Emissions

Symmetric or asymmetric emission according to model and lamp. Spot and flood symmetric emission available for LED version.

Power supply

Integrated electronic and electromagnetic control gear, apart from the QR-CB35 version.

Accessories

Recess boxes, electromagnetic control gear for Piana 130 model.

Colors

Stainless steel decorative bezel.



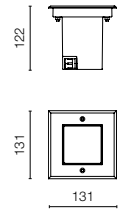
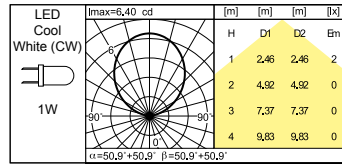
Static load strength
 5000 kg
 Maximum transit
 speed 50 km/h



LED

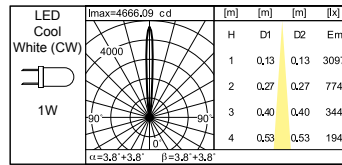
Source	Power	Optic	W[kg]	Code
1 Warm White LEDs	1W	WF	1,50	78448.00
1 Cool White LEDs	1W	WF	1,50	78453.00
1 Blue LEDs	1W	WF	1,50	78454.00
recess box 236x236x122				78470.00

IP67 IK10 5000 Kg



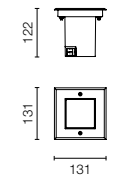
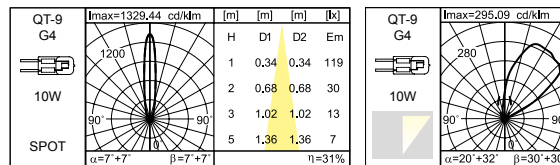
Source	Power	Optic	W[kg]	Code
3 Warm White LEDs	3x1W	S	1,50	78449.00
3 Cool White LEDs	3x1W	S	1,50	78455.00
3 Blue LEDs	3x1W	S	1,50	78456.00
housing 236x236x122				78470.00

IP67 IK10 5000 Kg



Source	Power	Socket	Optic	Glass T. [°C]	W [kg]	Code
AL QT-9	10W	G4	S	max 70	1,50	78450.00
AL QT-9	10W	G4	WW	max 70	1,50	78451.00
housing 236x236x122						78470.00

IP67 IK10 5000 Kg



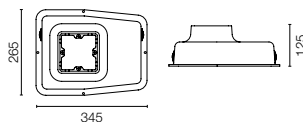
Source	Power	Socket	Optic	Glass T. [°C]	W [kg]	Code
AL QR-CB35	12V	20W	GU4	max 70	1,50	78452.00
housing 236x236x122						78470.00
housing 265x345x125 *						78471.00

IP67 IK10 5000 Kg
lamp photometric data - see page 564
control gear available as accessory

ACCESSORIES



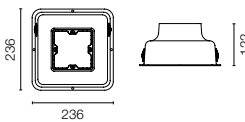
housing 236x236x122
code **78470.00**



electromagnetic control gear 20 W, IP68
code **78476.00**



housing 265x345x125
code **78471.00**



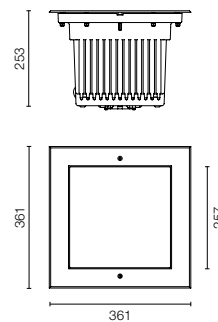
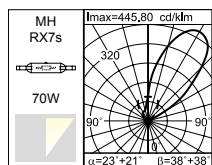
* with integrated 20 W electromagnetic control gear
code 78476.00
the housing will be necessary
code **78471.00**





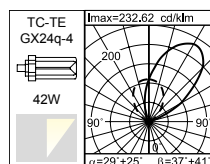
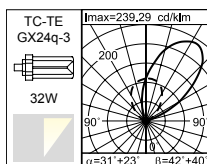
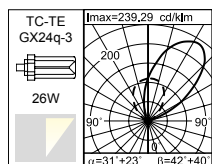
Source	Power	Socket	Optic	Glass T. [°C]	W [Kg]	Code
MH	70W	RX7s	WW	max 70	14,4	78458.00
housing 388×388×265						78472.00

IP67 IK10 5000 Kg



Source	Power	Socket	Optic	Glass T. [°C]	W [kg]	Code
FL TC-TE	26-32-42W	GX24q-3/4	WW	max 55	14,0	78459.00
housing 388×388×265						78472.00

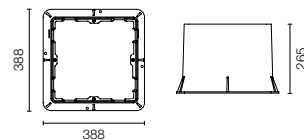
IP67 IK10 5000 Kg



ACCESSORIES

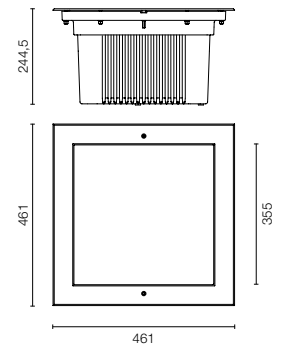
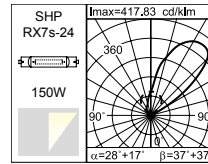
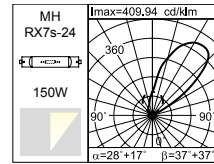


housing 388×388×265
code **78472.00**



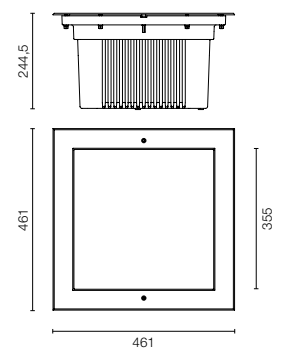
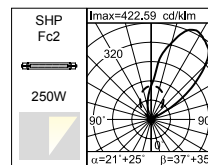
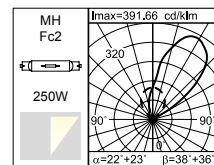


Source	Power	Socket	Optic	Glass T. [°C]	W [kg]	Code
MH/SHP	150W	RX7s-24	WW	max 75	28,0	78460.00
housing 478x478x265						78473.00



Source	Power	Socket	Optic	Glass T. [°C]	W [kg]	Code
FL TC-TE	57W	GX24q-5	WW	max 50	27,0	78461.00
housing 478x478x265						78473.00

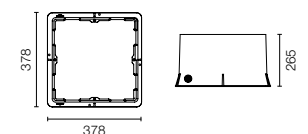
Source	Power	Socket	Optic	Glass T. [°C]	W [kg]	Code
MH	250W	Fc2	WW	max 90	28,0	78464.00
SHP	250W	Fc2	WW	max 90	28,0	78465.00
housing 478x859x265						78474.00



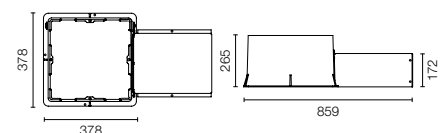
ACCESSORIES



housing 378x378x265
code **78473.00**



housing 478x859x265
code **78474.00**





ROOF LED

DESIGN: MARTINI STAFF

A small footprint, technology, and design. This is the perfect synthesis of Roof LED and its nature.



DESIGN: MARTINI STAFF



HOSPITALITY



RESIDENTIAL



Body

Die-cast aluminium body with rear support structure made of sheet steel. Sheet steel housing.

Sources

1W LED available in Cool White, blue, amber, green or red version.
4W LED available in Neutral White (4000K) or Warm White (3000K) version.

Emissions

Asymmetrical emission.

Power supply

Electronic or electromagnetic ballast available as accessory.

Accessories

Electronic or electromagnetic control gear, recess box for concrete or masonry installation.

Colors

Satin grey finish.



Amber LED



Blue LED



Green LED



Red LED

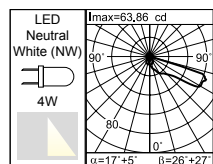
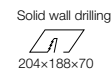
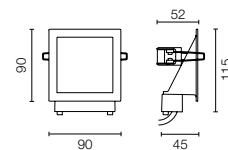




Source	Voltage	Power	Φ [mm]	Color temperature [K]	W [Kg]	Code
White LED	24V c.c.	4W	250	4000	0,20	78870.68NW
White LED	24V c.c.	4W	220	3000	0,20	78870.68WW



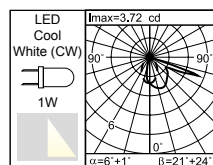
electronic ballast available as accessory



Source	Voltage	Power	W [Kg]	Code
Cool White LED	12V c.c.	1W	0,20	38900.68
Blue LED	12V c.c.	1W	0,20	38901.68
Amber LED	12V c.c.	1W	0,20	38902.68
Green LED	12V c.c.	1W	0,20	38904.68
Red LED	12V c.c.	1W	0,20	38905.68



electronic ballast available as accessory



ACCESSORIES FOR LED 4W

	<p>IP20 electronic ballast 110-240/24 VDC 20 W suitable for controlling up to 4 fixtures code 76449.00</p>		<p>IP67 electronic ballast 230-240/24 VDC 70 W suitable for controlling up to 16 fixtures code 38934.00</p>
	<p>IP67 electronic ballast 220-240/24 VDC 150 W suitable for controlling up to 30 fixtures code 38935.00</p>		<p>recess box for solid walls code 38908.00</p> <p>recess box for concrete code 38909.00</p>

ACCESSORIES FOR LED 1W

	<p>IP20 electronic ballast 230-240/12 VDC 15 W suitable for controlling 12 fixtures code 38919.00</p>		<p>IP67 electronic ballast 230-240/12 VDC 70 W suitable for controlling 50 fixtures code 38933.00</p>
	<p>IP66 electromagnetic ballast (non-stabilised) 230/12 VDC 50 W suitable for controlling 35 fixtures code 38920.00</p>		<p>recess box for solid walls code 38908.00</p> <p>recess box for concrete code 38909.00</p>

ROOF IP65

DESIGN: MARTINI STAFF

The routes unwind in the external spaces creating a network of possibilities. The light is a guide that shows us which direction to take. Roof IP65 enables us to underline pedestrian or road routes through functional, yet discreet lighting, able to integrate into the architectonic structures in which they are inserted.



DESIGN: MARTINI STAFF



RESIDENTIAL



URBAN



Body

Cast aluminium appliance and tempered glass internal diffuser with frosted finish, plastic rear compartment and stainless steel screws.

Light sources

18W fluorescent TC-D lamp. 26W fluorescent TC-D lamp.

Emissions

Asymmetric.

Power supply

Electromagnetic control gear built into the fixture.

Accessories

Recess box for concrete, compulsory metal.

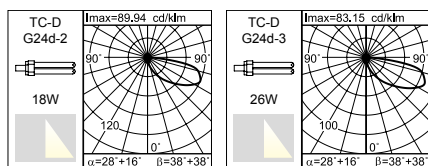
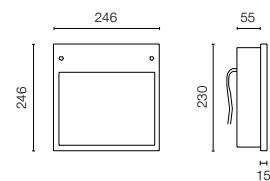
Colors

Satin-finish grey or anthracite grey.





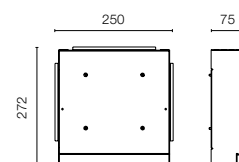
Source	Power	Socket	W [kg]	Code
FL TC-D	18W	G25d-2	1.80	38914. _
FL TC-D	26W	G24d-3	1.80	38915. _
Compulsory housing				38918.00



ACCESSORIES



Housing for concrete
code **38918.00**

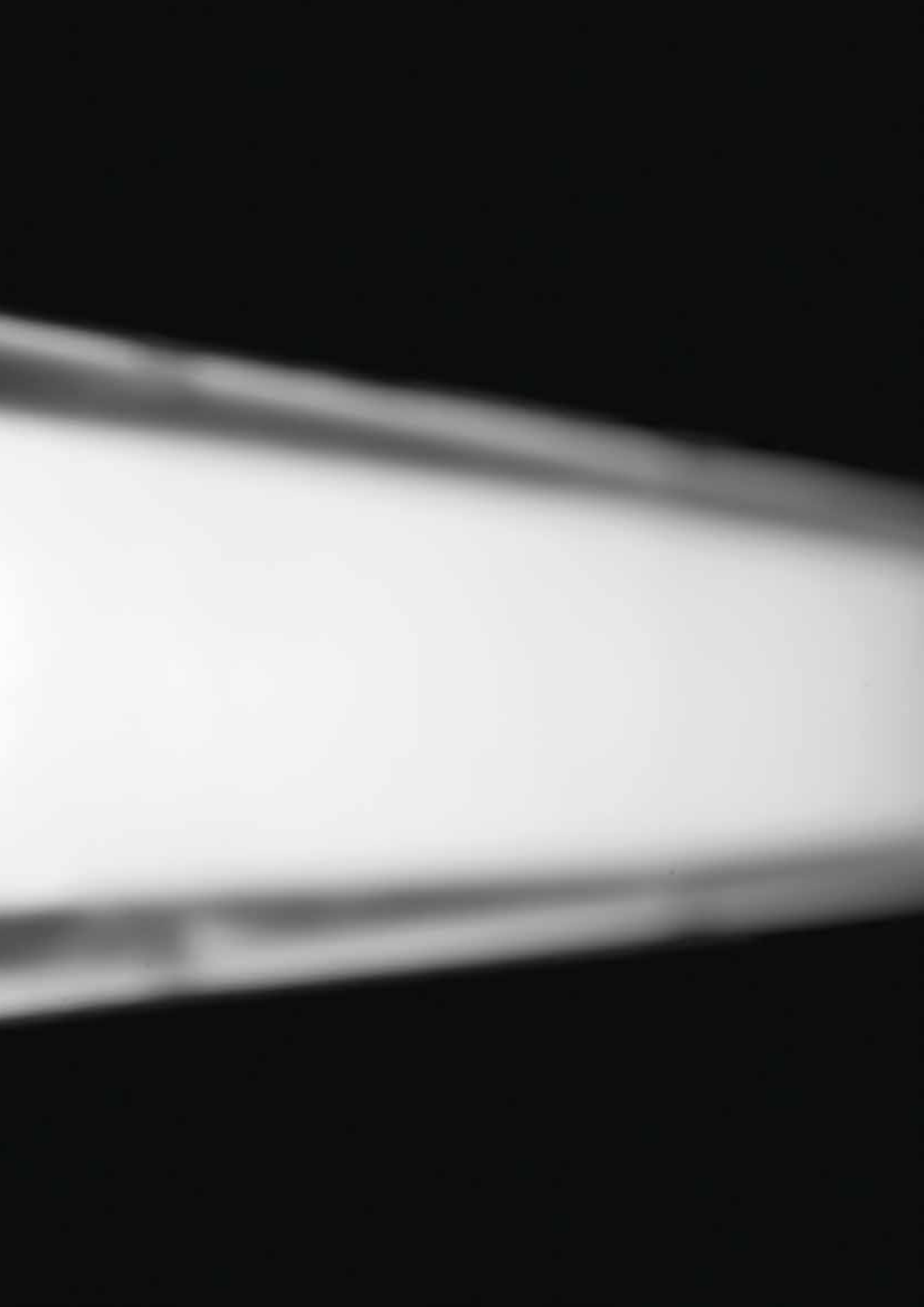




NETWORK

DESIGN: DAVIDE CAVALLI

Just like light is a tool to catch reality,
Network means intermediation, a link
between functional aesthetics and
formal cleanness, between style game
and project. Light becomes an object.



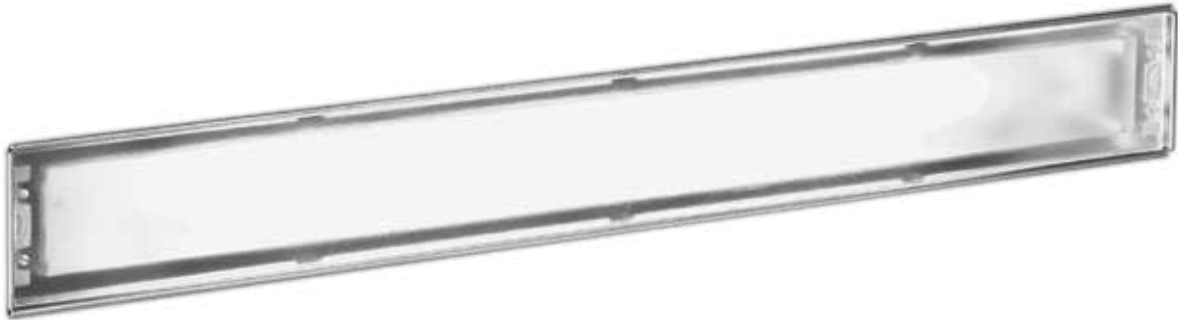
DESIGN: DAVIDE CAVALLI



RESIDENTIAL



URBAN



Body

Front diffuser screen made of moulded polycarbonate with stainless steel rear support. Spring-release system for light source replacement.

Light sources

G5 8W linear fluorescent lamp.

Emissions

Diffused symmetrical distribution.

Power supply

Integrated electronic control gear.

Accessories

Housing for concrete.

Colors

Translucent satin-finished diffuser.

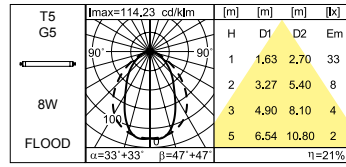
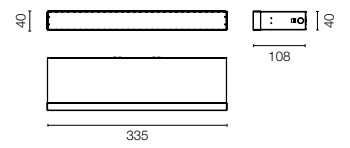


spring device for fixing and releasing the lighting body



Source	Power	Socket	W [kg]	Code
FL T5	8W	G5	0.70	76174.00
Compulsory housing				76175.00

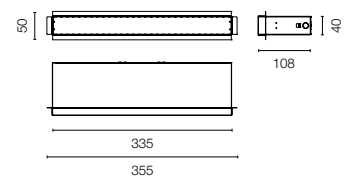
IP65



ACCESSORIES



housing for concrete walls
code **76175.00**





SET IP65

DESIGN: MARTINI STAFF

SET IP65 is a continually-evolving product. It was created as an LED product, but its LED Array soul is the new concept by Martini, also for lighting outdoors. The proof of what it means to be in step with the times.





HOSPITALITY



RESIDENTIAL



Body

Pressure cast aluminium body, steel ring with built-in springs, anodised and subsequently powder-coated. The optical assembly is secured using a sheet steel ring blocked with stainless steel spring. Satin closing glass.

Light sources

18W LED ARRAY available in Neutral White (4000K) and Warm White (3000K) CRI >80 version.

Emissions

Symmetrical downlight. 101° beam angle.

Power supply

Electronic ballast available as accessory.

Accessories

Electronic control gears.

Colors

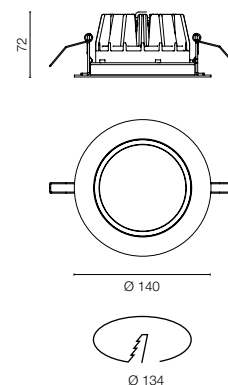
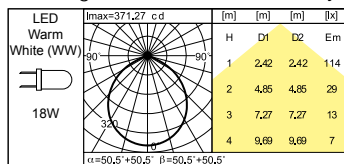
White, grey and corten finish.

11 68 79



Source	Power	Φ [lm]	Color temperature [K]	CRI	Beam	W [Kg]	Code
LED	18W	1380	4000	>80	101°	1,10	79953._NW
LED	18W	1200	3000	>80	101°	1,10	79953._WW

IP65
control gear available as accessory



ACCESSORIES



electronic ballast
(suitable for
controlling 1 LED WW)
95x71xH32,5 mm
code **30583.00**



electronic ballast
(suitable for controlling
1 LED NW)
40,5x134xH31 mm
code **30584.00**







PERLA IP65

DESIGN: GIAMPIERO PEIA

A new tool to redesign covered external areas. Finally, integrated light is possible also for areas afflicted by adverse weather conditions. Why settling for much less, when you can have a light that fills darkness and the discretion of Perla IP65?



DESIGN: GIAMPIERO PEIA



HOSPITALITY



RESIDENTIAL



Body

Aluminium body manufactured by means of a spin-forming and laser-cutting process with anodized powder-coated finish. The optical assembly is secured using a sheet steel ring blocked with stainless steel spring. The EYE LED module is made of a die-cast aluminium component on which the electronic plate equipped with LED Array is fixed. Satin closing glass.

Light sources

18W LED ARRAY available in Neutral White (4000K) and Warm White (3000K) CRI >80 version.

Emissions

Symmetrical downlight. 80° beam opening.

Power supply

Electronic ballast available as accessory.

Accessories

Electronic ballasts, round and square decorative rings.

Colors

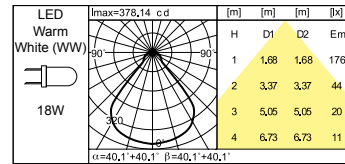
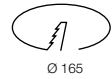
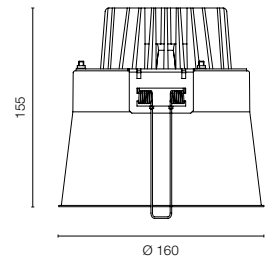
White finish.



Source	Power	Φ [lm]	Color temperature [K]	CRI	Beam	W [Kg]	Code
LED	18W	1380	4000	>80	80°	1,50	79946.11NW
LED	18W	1200	3000	>80	80°	1,50	79946.11WW
Compulsory decorative bezel							9344_11

IP65

compulsory decorative bezel available as accessory
 electronic ballast available as accessory



ACCESSORIES



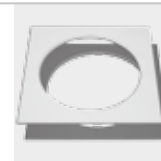
electronic ballast
 (suitable for
 controlling 1 LED WW)
 95x71xH32,5 mm
 code **30583.00**



electronic ballast
 (suitable for controlling
 1 LED NW)
 40,5x134xH31 mm
 code **30584.00**



decorative round
 bezel
 (Ø 200 mm)
 code **93440.11**



decorative square
 bezel
 (205x205 mm)
 code **93441.11**



MINITOTEM/TOTEM

DESIGN: GIORGIO MARTINI, GIORDANA ARCESILAI, RENZO TEDESCHI

Man seeks out symbol for a way to describe, through a single object, the context surrounding him. Totem has been designed to this end, namely to enable the nocturnal perception of the reality in which it falls, without invading it with extraneous aesthetics. Its essential design, the balance of the elements comprising it, make it a rigorous, sober product, a valid tool for the technical and expressive needs of the urban designer.





HOSPITALITY



RESIDENTIAL



URBAN



Body

Electrified extruded aluminium cartridges with a diameter of 85mm and external polycarbonate protective screen, poles with base h=600mm or 1000mm in extruded aluminium for the fluorescent version. LED version of 500mm and 700 mm total height. Anchor bolts in galvanised steel sheet.

Light sources

26W compact fluorescent lamp. 6W LED array Warm White (3000K).

Emissions

Roto-symmetrical diffused optic.

Power supply

Integrated electromagnetic or electronic control gear.

Accessories

Poles available in heights of 600mm and 1000mm with flange or to be buried for cartridges with fluorescent lamp, anchor bolt kit.

Colors

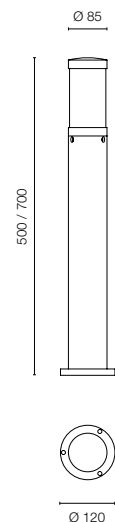
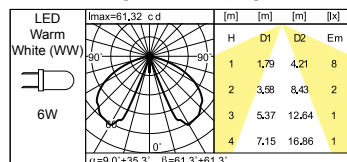
Available in satin-finish grey, anthracite grey or corten finish.

BOLLARD



Source	Power	Φ [mm]	Color temperature [K]	CRI	L [mm]	W [Kg]	Code
LED	6W	420	3000	>80	500	4,00	76348._WW
LED	6W	420	3000	>80	700	4,50	76349._WW

IP65 IK06
 outer protection in methacrylate
 fixture complete with head and pole
 for anchoring bolts see page 250

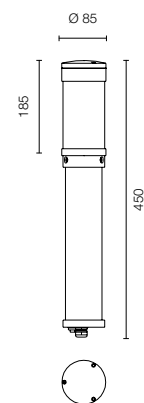
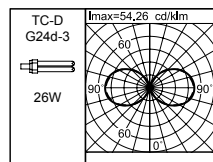


BOLLARD



Source	Power	Socket	W [Kg]	Code
FL TC-D	26W	G24d-3	2,70	76352._

IP65 IK06
 outer protection in methacrylate
 modular fixture, for accessories see page 250

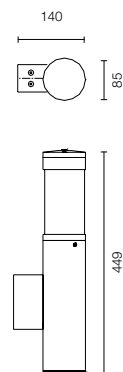
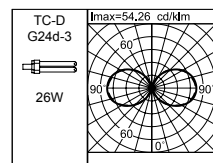


WALL-MOUNTED



Source	Power	Socket	W [Kg]	Code
FL TC-D	26W	G24d-3	4,20	76347._

IP65 IK06
 outer protection in methacrylate





pole with base for fixing with anchor bolts
H = 600 mm
code **76355**__



pole with base for fixing with anchor bolts
H = 1000 mm
code **76356**__



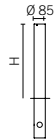
pole to bury
H = 600 mm off ground
code **76357**__



pole to bury
H = 1000 mm off ground
code **76358**__



120



Ø 85

H



bracket kit with anchor bolts
code **76359.00**





Body

Electrified extruded aluminium cartridges with a diameter of 130mm and external methacrylate protective screen, poles with different heights perforated aluminum screen with white polycarbonate, glass diffuser accessory, anchor bolts in galvanised steel sheet.

Power supply

Integrated electromagnetic and electronic control gear for the metal halide and LED version. Circuit with inductive ballast (sometimes electronic) in fluorescent lamp version, with a capacitor available on request.

Accessories

Micro-perforated screen, glass diffuser anchor bolts, poles with different heights: 600mm, 1000mm and 2000mm.

Light sources

LED Array 18W Warm White (3000K). 35W metal halide lamps, 18W, 22W, 26W and 46W compact fluorescent lamps, A60 halogen lamp.

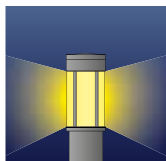
Colors

Available in satin finish grey, anthracite grey or corten finish.

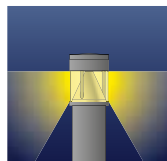
Emissions

Roto-symmetrical diffused optic. Available in metal halide version with the upward emission.

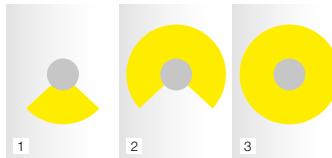
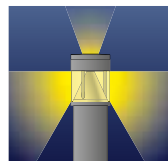
emission with fluorescent lamp



emission with metal halide lamp



emission with metal halide lamp



- 1. emission with two screens (120°)
- 2. emission with one screen (240°)
- 3. emission without screens

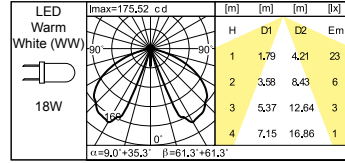




Source	Power	∅ [mm]	Color temperature [K]	CRI	L [mm]	W [Kg]	Code
LED	18W	1200	3000	>80	600	7,40	76378._WW
LED	18W	1200	3000	>80	1000	9,00	76379._WW

IP65 IK06

outer protection in methacrylate
 fixture complete with head and pole
 for anchor bolts see page 254



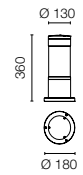
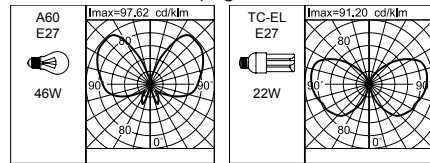
LED



Source	Power	Socket	W [Kg]	Code
AL A60	46W	E27	4,50	76598._
FL TC-EL	22W	E27	4,50	76598._

IP65 IK06

outer protection in methacrylate
 fixture complete with head and pole
 for accessories, see page 254



Source	Power	Socket	W [Kg]	Code
FL TC-D	26W	G24d-3	6,50	76596._

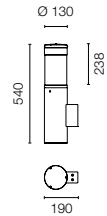
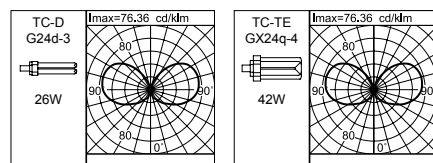
IP65 IK06

outer protection in methacrylate
 for accessories, see page 254

Source	Power	Socket	W [Kg]	Code
FL TC-TE	42W	GX24q-4	5,90	76597._

IP65 IK06

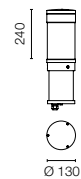
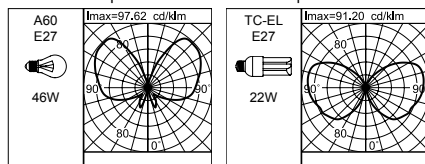
outer protection in methacrylate
 for accessories, see page 254





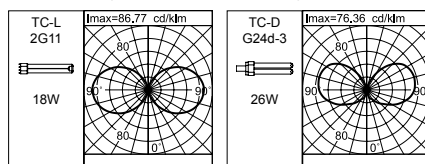
Source	Power	Socket	W [Kg]	Code
AL A60	46W	E27	5,00	76591 __
FL TC-EL	22W	E27	5,00	76591 __

IP65
 outer protection in methacrylate
 fixture complete with head and pole



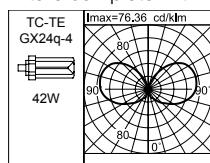
Source	Power	Socket	W [Kg]	Code
FL TC-L	18W	2G11	4,70	76593 __
FL TC-D	26W	G24d-3	5,10	76592 __

IP65
 outer protection in methacrylate
 fixture complete with head and pole



Source	Power	Socket	W [Kg]	Code
FL TC-TE	42W	GX24q-4	4,20	76594 __

IP65
 outer protection in methacrylate
 fixture complete with head and pole



ACCESSORIES



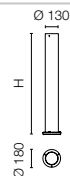
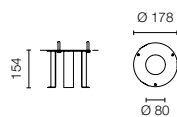
micro-perforated screen with white polycarbonate, for 240 mm high cartridges (3-piece kit)
 code **76381.00**



glass diffuser, for 240 mm high cartridges
 code **76384.00**

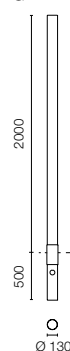


bracket with anchor bolts
 code **76380.00**



pole H = 600 mm
 code **76375**__

pole H = 1000 mm
 code **76376**__

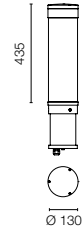
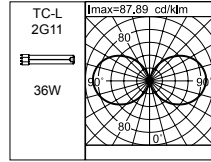


pole H = 2000 mm (off ground)
 code **76377**__



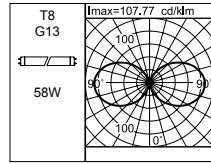
Source	Power	Socket	W [kg]	Code
FL TC-L	36W	2G11	6.00	76595. __

IP65
 outer protection in methacrylate
 fixture complete with head and pole



Source	Power	Socket	W [kg]	Code
FL T8	58W	G13	10.0	76373. __

IP65
 outer protection in methacrylate
 fixture complete with head and pole



ACCESSORIES



micro-perforated screen with white polycarbonate, for 435 mm high cartridges (3-piece kit)
code **76382.00**



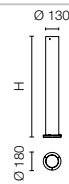
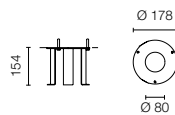
glass diffuser, for 435 mm high cartridges
code **76385.00**



micro-perforated screen, for 1550 mm high cartridges
code **76383.00**

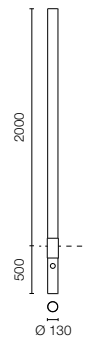


bracket with anchor bolts
code **76380.00**




pole H = 600 mm
code **76375.**__





pole H = 1000 mm
code **76376.**__



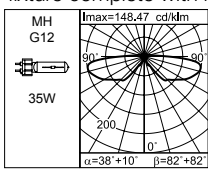
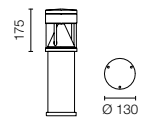

pole H = 2000 mm (off ground)
code **76377.**__







Source	Power	Socket	W [kg]	Code
MH	35W	G12	5.20	76368. __





 IP65

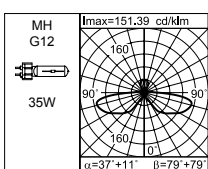
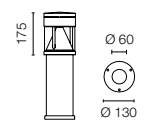

direct emission
 fixture complete with head and pole





Source	Power	Socket	W [kg]	Code
MH	35W	G12	5.50	76370. __





 IP65

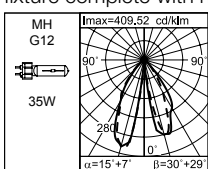
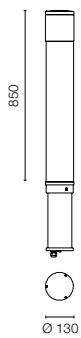
direct-indirect emission
 fixture complete with head and pole


Source	Power	Socket	W [kg]	Code
MH	35W	G12	8.70	76369. __





 IP65

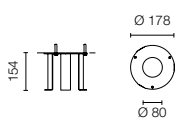
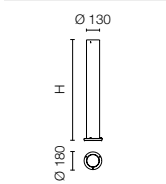
direct emission
 fixture complete with head and pole

ACCESSORIES

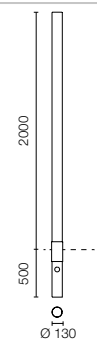


bracket with anchor bolts
 code **76380.00**

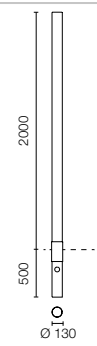



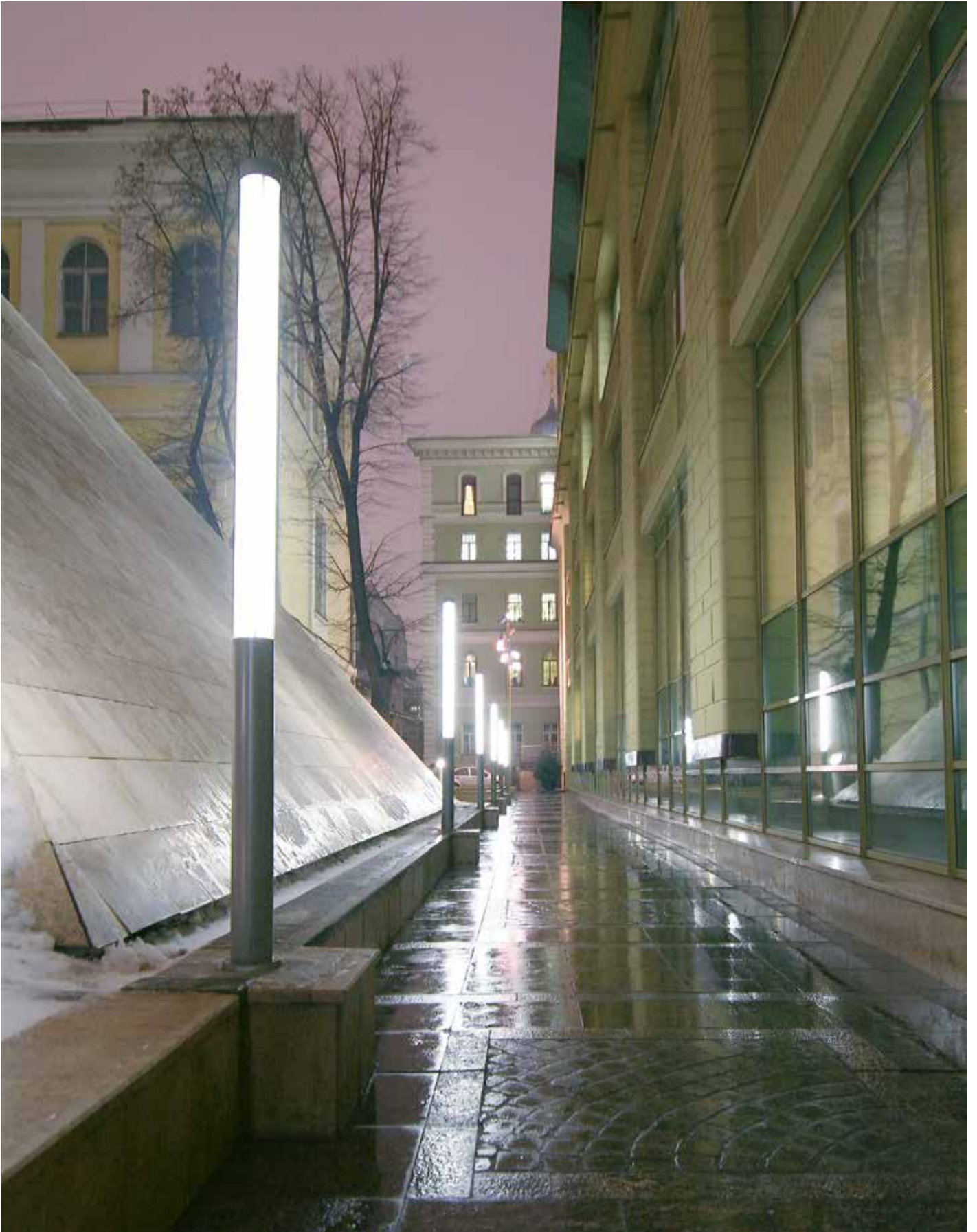
pole H = 600 mm
 code **76375.**__

pole H = 1000 mm
 code **76376.**__



pole H = 2000 mm (off ground)
 code **76377.**__







OOD

DESIGN: MAURO SAITO

There are elements of nature that manage to be told in their true context only with the help of light. Ood offers itself as a valid tool by which to give voice to this narration, also able to integrate itself into the environment that surrounds it soberly, according to a new eco-friendly approach not only in the emission of light but also in the materials from which it is built.





HOSPITALITY



RESIDENTIAL



URBAN



Body

Electrified extruded aluminium cartridge with a diameter of 140mm and external protective screen in transparent polycarbonate. Cartridge support in composite wood and resin.

Light sources

18W LED array Warm White (3000K).

Emissions

Roto-symmetrical optics with diffused emission.

Power supply

Integrated electronic control gear.

Colors

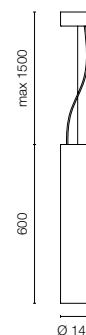
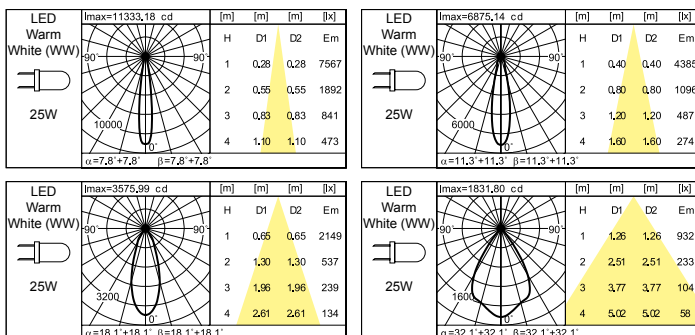
Satin grey finish electrified head with honey greenwood pole.
 Anthracite grey finish electrified head with ebony greenwood pole.
 Corten finish electrified head with tobacco greenwood pole.

PENDANT



Source	Power	Φ [lm]	Color temperature [K]	CRI	Beam	W [Kg]	Code
LED	25W	2130	3000	>80	16°	5,30	76663._WW
LED	25W	2130	3000	>80	23°	5,30	76664._WW
LED	25W	2130	3000	>80	36°	5,30	76665._WW
LED	25W	2130	3000	>80	64°	5,30	76666._WW

IP40
outer protection in methacrylate

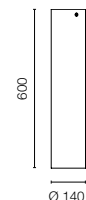
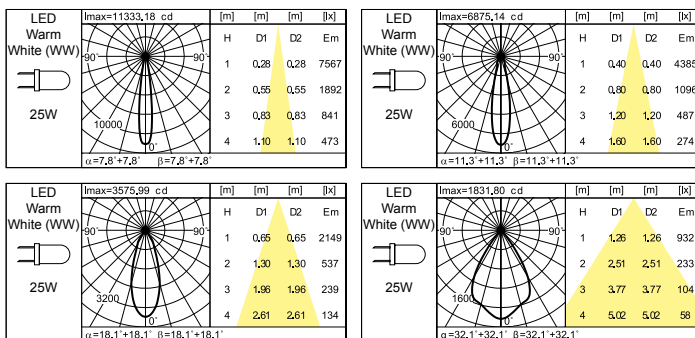


CEILING MOUNTED



Source	Power	Φ [lm]	Color temperature [K]	CRI	Beam	W [Kg]	Code
LED	25W	2130	3000	>80	16°	5,30	76667._WW
LED	25W	2130	3000	>80	23°	5,30	76668._WW
LED	25W	2130	3000	>80	36°	5,30	76669._WW
LED	25W	2130	3000	>80	64°	5,30	76670._WW

IP40
outer protection in methacrylate

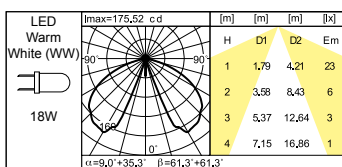


BOLLARD



Source	Power	Φ [lm]	Color temperature [K]	CRI	Beam	W [Kg]	Code
LED	18W	1200	3000	>80	400	4,60	76660._WW
LED	18W	1200	3000	>80	600	6,10	76661._WW
LED	18W	1200	3000	>80	800	7,50	76662._WW

IP65 IK06
outer protection in methacrylate



*Matching colors: satin-finish gray (68) with honey color extrusion; corten (79) with tobacco color extrusion; anthracite gray (86) with ebony color extrusion.



MOON

DESIGN: LAPO GRASSELLINI

The light design is a route that unwinds through aesthetic and functional choices that also affect the form of the lighting object. Moon has been created in this way, from the idea of being a luminous guide of a path that is not only physical, but also design.





HOSPITALITY



RESIDENTIAL



MOON MONO-EMISSION

MOON BI-EMISSION

Body

Extruded aluminium body in two sizes with die-cast end caps.

Light sources

10W 3000K LED array for the single-emission version and 2 LED Arrays, each 6W 3000K for the twin-emission version.

Emissions

Downwards, single and twin.

Power supply

Integrated control gear.

Accessories

Spike for ground installation kit, bracket with anchor bolts kit.

Colors

Satin-finish grey, white or corten finish.

mono-emission



bi-emission

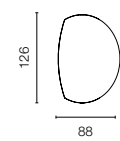
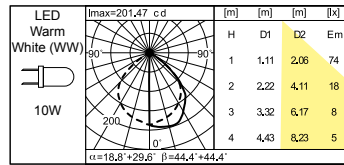


MONO-EMISSION

11 68 79



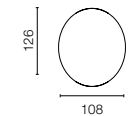
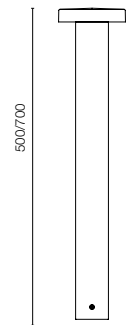
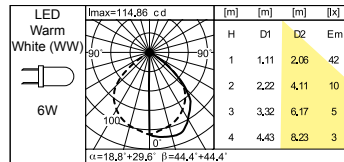
Source	Power	Φ [lm]	Color temperature [K]	CRI	L [mm]	W [Kg]	Code
LED	10W	900	3000	>80	500	2,60	76825._WW
LED	10W	900	3000	>80	700	3,40	76864._WW



BI-EMISSION



Source	Power	Φ [lm]	Color temperature [K]	CRI	L [mm]	W [Kg]	Code
LED	2x6W	840	3000	>80	500	3,10	76826._WW
LED	2x6W	840	3000	>80	700	3,50	76866._WW



spike for ground installation
code **76827.00**



bracket with anchor bolts
code **76828.00**

CEPPO - SPILLO

DESIGN: MAURO SAITO

As modern light totems Ceppo and Spillo define outdoor spaces with neutral essential volumes; new lighting sets are configured by these new decoration elements, giving a new meaning to urban lighting.



DESIGN: MAURO SAITO



CEPPO

SPILLO

Body

Cast aluminium structure with opal polycarbonate diffuser body.

Light sources

T5 fluorescent lamps, 8W on Ceppo and 24W on Spillo.

Emissions

Radial diffuse emission.

Power supply

Integrated electronic control gear.

Accessories

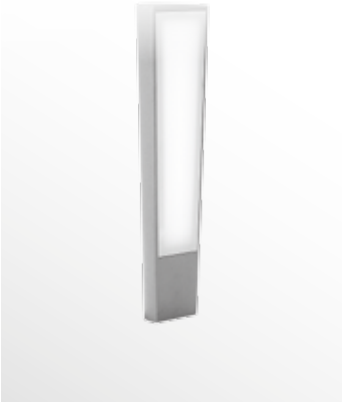
Anchoring plate with screw anchors and spike for ground installation.

Colors

Satin-finish grey or anthracite grey.

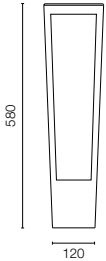
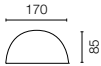
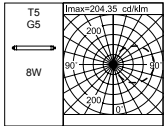


CEPPO



Source	Power	Socket	W [kg]	Code
FL T5	8W	G5	5.40	76845. __

IP65



ACCESSORIES



spike for ground installation
code **76847.00**



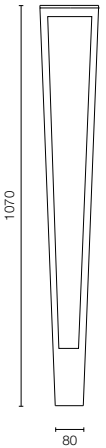
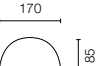
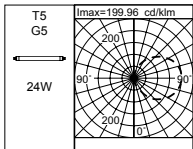
flange for fixing with screw anchors
code **76858.**__

SPILLO



Source	Power	Socket	W [kg]	Code
FL T5	24W	G5	7.00	76855. __

IP65



ACCESSORIES



spike for ground installation
code **76857.00**



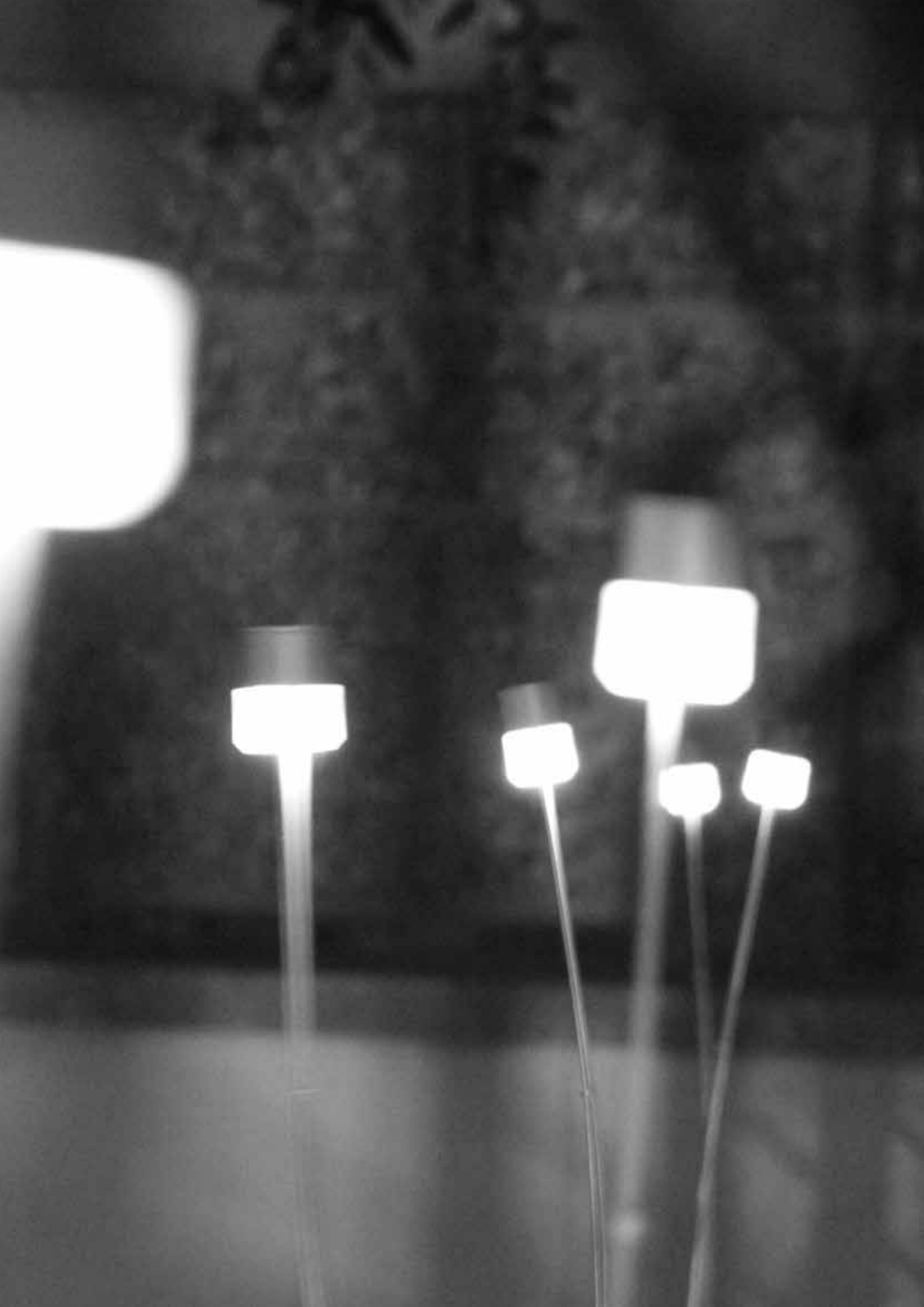
flange for fixing with screw anchors
code **76858.**__



LUCYLLE

DESIGN: DAVIDE CAVALLI

Light swings with the wind, is taken away by movement and moves the air around it. Lucylle is pure poetry, is suppleness of matter playing with colours and darkness, with a lean, yet never ordinary design.





HOSPITALITY



RESIDENTIAL



Body

An IP65 fixture with extruded aluminium base: attached to the latter are two harmonic steel bars that enclose the wiring for the safety extra-low voltage powering of the LEDs. The harmonic steel bars swing and return to their original position. A high-power LED with various colours is positioned on the end of the harmonic steel bars.

Light sources

1W LED available in Cold White, blue, amber, green or red version.

Symmetrical diffused distribution for signalling purposes.

Power supply

Electronic or electromagnetic ballast available as accessory.

Accessories

Electronic or electromagnetic ballasts available with different wattage and IP protection ratings. Fixing base available with screw anchors and spike for ground installation.

Colors

Satin-finish grey.

Emissions

fixing of the conductors to the base



head



plastic spacer



fixing base

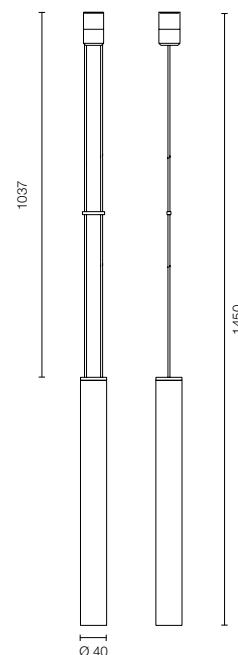




Source	Voltage	Power	W [Kg]	Code
Cool White LED	12V	1W	2,00	76930.00
Blue LED	12V	1W	2,00	76931.00
Amber LED	12V	1W	2,00	76932.00
Green LED	12V	1W	2,00	76934.00
Red LED	12V	1W	2,00	76935.00

IP65

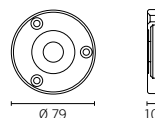
electronic ballast available as accessory



ACCESSORIES



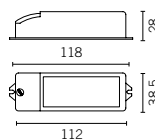
mounting base Ø 80 for fixing with anchor bolts
code **76936.00**



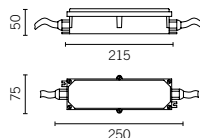
spike H 300 for ground installation
code **76937.00**



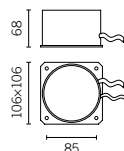
IP40 electronic ballast
230-240/12 VDC 15 W suitable for controlling 13 fixtures
code **38919.00**



IP67 electronic ballast
230-240/12 VDC 70 W suitable for controlling 65 fixtures
code **38933.00**



IP66 electromagnetic ballast (non-stabilised) 230/12 VDC 50W suitable for controlling 45
code **38920.00**





FRATTO PLUS/FRATTO Q

DESIGN: LAPO GRASSELLINI, PIER FILIPPO FERRARI

A game of filled and hollow spaces of light in which the square design stands out and blends with the aluminium that houses it. Four faces project the light within, setting out and clearing the way.





RESIDENTIAL



URBAN



Body

Extruded aluminium body available in two sizes L=528-800 mm, opal plastic diffuser and cast aluminium end cap with stainless steel screws.

Light sources

8W and 24W T5 linear fluorescent lamps.

Emissions

Radial diffused emission.

Power supply

Integrated electronic ballast.

Accessories

Anchoring plate and spike for ground installation.

Colors

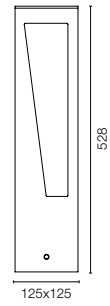
Satin finish grey, anthracite grey and corten finish.

BOLLARD 528

68 79 86



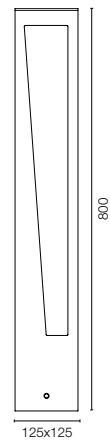
Source	Power	Socket	H [mm]	W [Kg]	Code
FL T5	8W	G5	528	5,30	76861. _



BOLLARD 800



Source	Power	Socket	H [mm]	W [Kg]	Code
FL T5	24W	G5	800	8,00	76862. _



ACCESSORIES



bracket with anchor bolts
code **76839.00**



spike for ground installation
code **76838.00**



Body

Extruded aluminium body, opal plastic diffuser and end cap in cast aluminium.

Light sources

11 W TC-SE fluorescent lamps, 8 W and 24W T5 linear fluorescent lamps and 13W TC-DE lamps.

Emissions

Diffused emission, thanks to the opal finish of the screens.

Power supply

Integrated electronic control gear.

Accessories

Anchoring plate and spike for ground installation.

Colors

Satin grey for outdoor, anthracite grey or corten finish.







RIGA

DESIGN: GIANNI RIGO

A refined balance of proportions and materials, offered in two sizes; the thinness of an easy-to-integrate light source. Riga is an object that converts glass technology into an innovative solution.





RESIDENTIAL



URBAN



RIGA 650



RIGA 855

Body

Optic body made of high-thickness glass sheets held together by a layer of special adhesive, extruded aluminium base with ballast.

Light sources

8W or 13W T2 fluorescent lamp with 4000K colour temperature.

Emissions

Radial diffused emission.

Power supply

Integrated electronic control gear.

Accessories

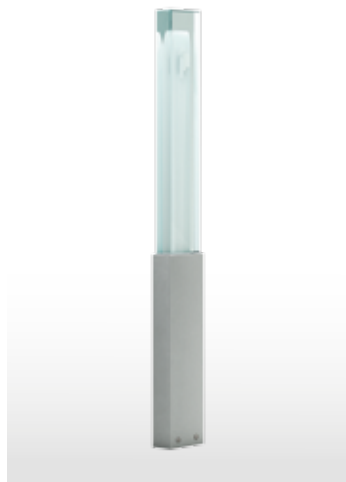
Fixing base with screw anchors, spike for ground installation.

Colors

Satin-finish grey or anthracite grey.

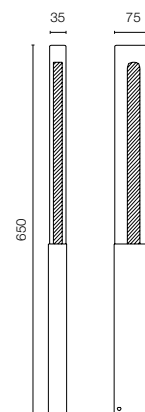
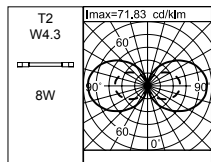


RIGA 650

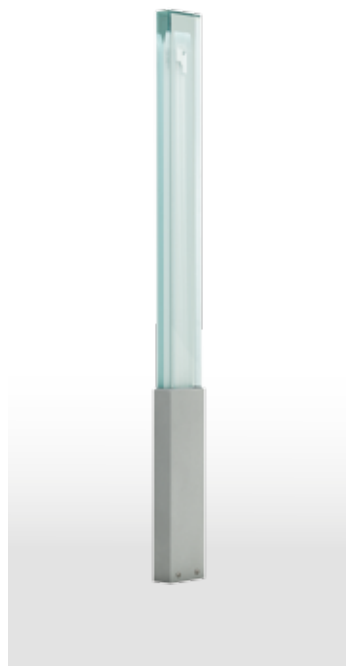


Source	Power	Socket	W [kg]	Code
FL T2	8W	W 4.3	3.00	76840. __

IP65
 complete with lamp (color temperature 4000K) and cable L=500 mm

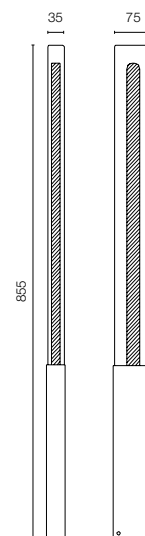
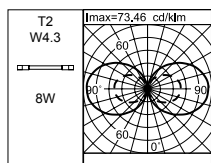


RIGA 855



Source	Power	Socket	W [kg]	Code
FL T2	13W	W 4.3	3.90	76842. __

IP65
 complete with lamp (color temperature 4000K) and cable L=500 mm



ACCESSORIES



spike for ground installation
code **76843.00**



mounting base for fixing with anchor bolts
code **76844.**__

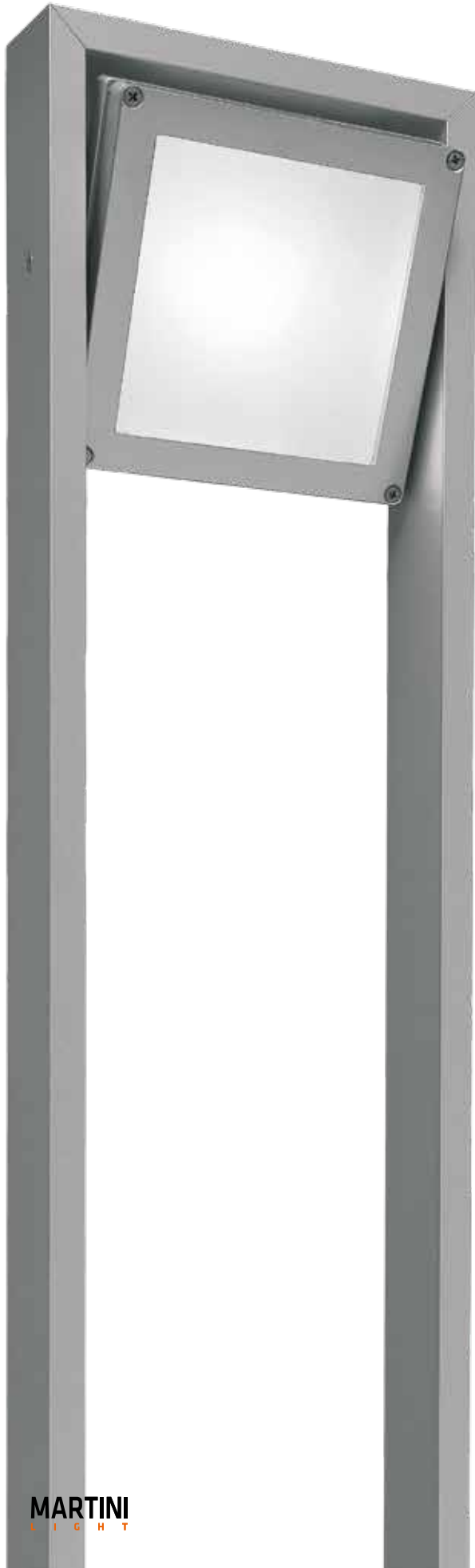
WALKIE PLUS

DESIGN: MARCO CASAMONTI

A dynamic support for accent light in exteriors emerges from the pavement and remains on the path, pouring soft light on the ground and suggesting safety and comfort.

 **MARTINI**

DESIGN: MARCO CASAMONTI



Body

Die-cast aluminium adjustable optical compartment, sand-blasted tempered protection glass, support structure of optical compartment made of extruded aluminium.

Light sources

20W QT-9 and 48W QT-DE short halogen lamps, 20W QR-CB51 dichroic lamps or 11W TC-SE linear fluorescent lamp.

Emissions

Adjustable symmetric light distribution.

Power supply

Integrated electronic control gear.

Accessories

For wall-mounted models, the reinforcement accessory must be ordered and cemented into the wall.

Colors

Satin-finish grey or anthracite grey.



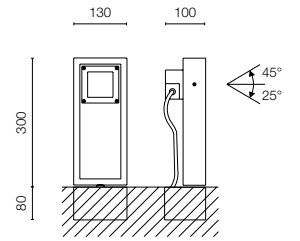
WALKIE PLUS 300X130



Source	Power	Socket	W [kg]	Code
QR-CB51	20W	GU5.3	4.00	75731. __



floor- or wall-mounted adjustable fixture



WALKIE PLUS 700X190

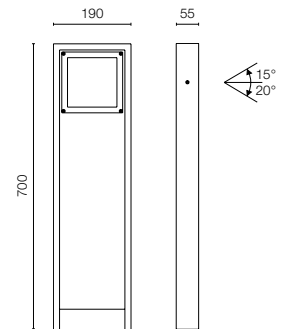
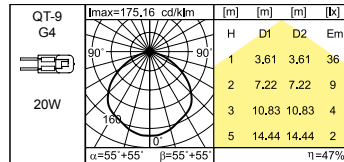


Source	Power	Socket	W [kg]	Code
QT-9	20W	G4	5.00	75705. __



for wall-mounting, use the support fixing code **75780.00**

floor- or wall-mounted adjustable fixture



WALKIE PLUS 700X300

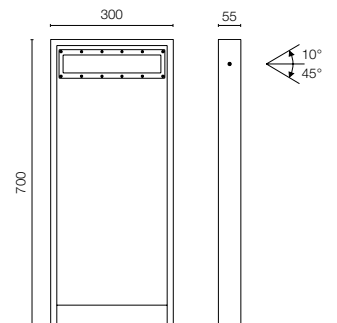
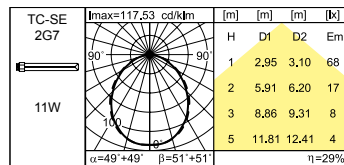


Source	Power	Socket	W [kg]	Code
TC-SE	11W	2G7	5.60	75710. __



for wall-mounting, use the support fixing code **75781.00**

floor- or wall-mounted adjustable fixture



WALKIE PLUS 130X260



Source	Power	Socket	W [kg]	Code
QT-DE short	48W	R7s	2.80	75512. __

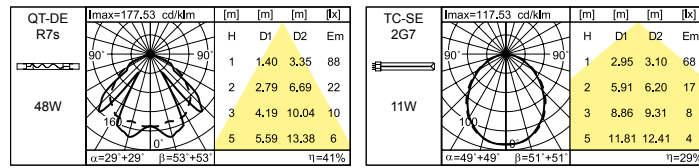
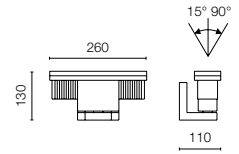


wall-mounted adjustable fixture

Source	Power	Socket	W [kg]	Code
TC-SE	11W	2G7	3.00	75510. __



wall-mounted adjustable fixture



WALKIE PLUS 700X260



Source	Power	Socket	W [kg]	Code
QT-DE short	48W	R7s	6.30	75572. __

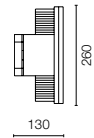
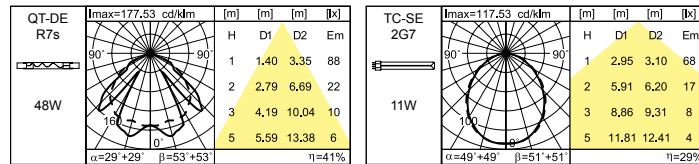
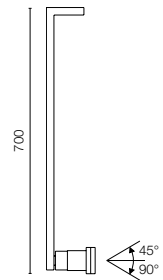


wall-mounted adjustable fixture

Source	Power	Socket	W [kg]	Code
TC-SE	11W	2G7	6.50	75570. __



wall-mounted adjustable fixture



WALKIE PLUS 250X190

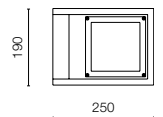
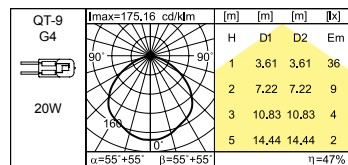
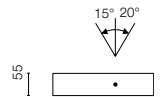


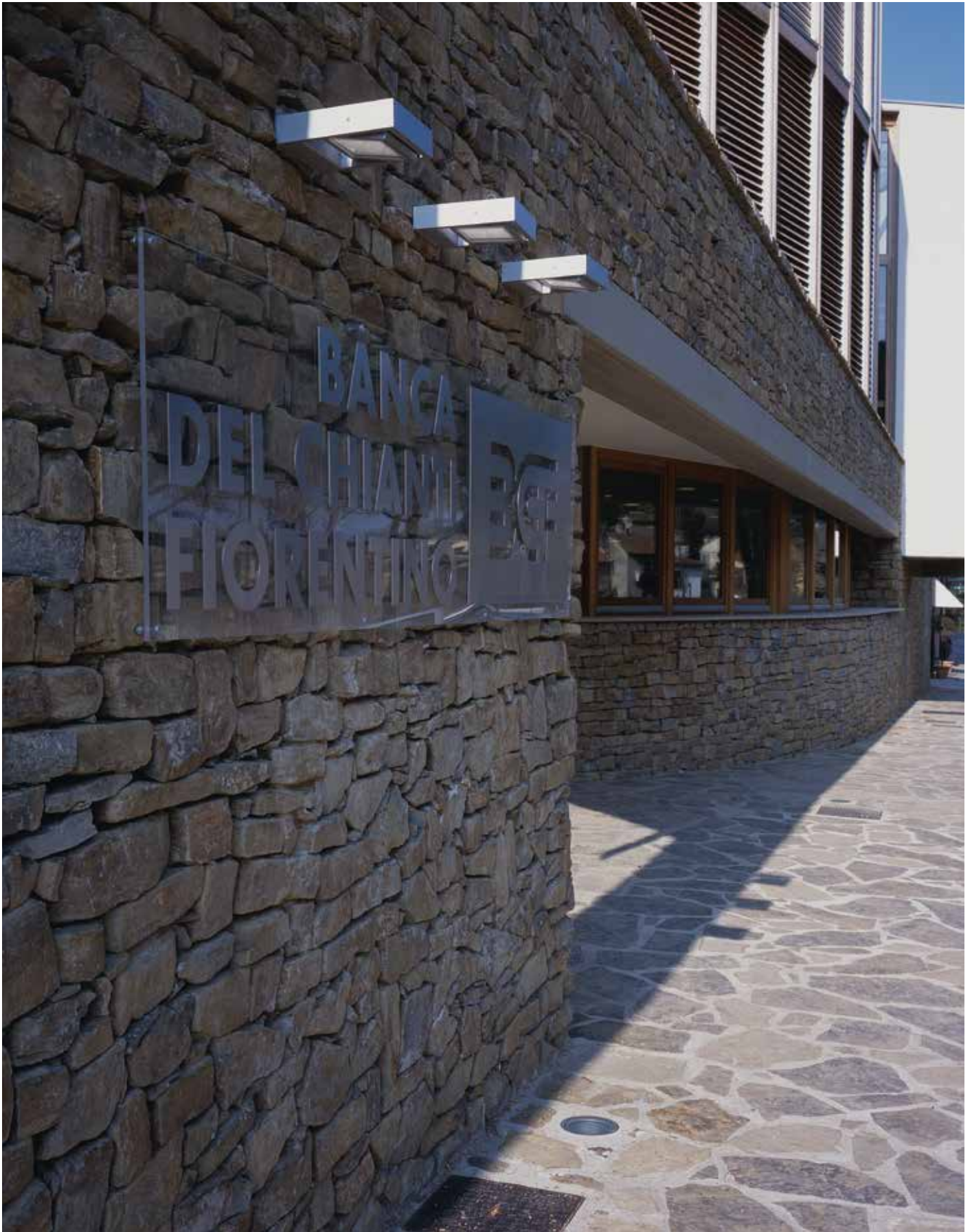
Source	Power	Socket	W [kg]	Code
QT-9	20W	G4	3.00	75720. __



for wall-mounting, use the support fixing code **75780.00**

floor- or wall-mounted adjustable fixture







EGO

DESIGN: GIAMPIERO PEIA

A cylindrical embroidery, a simple geometry of concentric forms, a kaleidoscope of lights. Ego is a lighting object that becomes a real furnishing item for indoor or outdoor use, designed for those seeking to express the beauty and essence of a place.





HOSPITALITY



RESIDENTIAL



Body

Laser-worked and calander steel, surface treated to protect against atmospheric agents and then coated. The full part of the sheet houses the optic body and control gear. Optical assembly at the top or at the bottom of the product.

Light sources

20W or 22W array LED system available in Warm White (3000K) or Neutral White (4000K) versions.

Emissions

8° or 101° beam opening. The light is filtered by the design of the sheet metal and emitted downwards or upwards depending on the product.

Power supply

Integrated electronic control gear.

Colors

White, anthracite grey and corten finish.



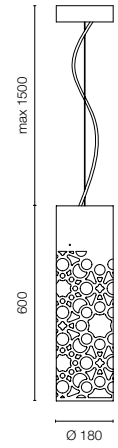
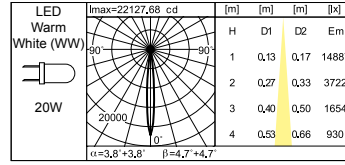
11 79 86

PENDANT



Source	Power	Φ [lm]	Color temperature [K]	CRI	Beam	W [Kg]	Code
LED	20W	1200	4000	>80	8°	4,50	78687._NW
LED	20W	1150	3000	>80	8°	4,50	78687._WW

IP65

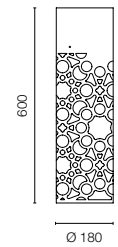
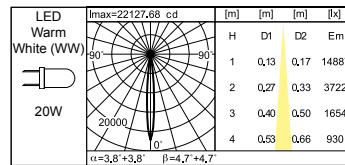


CEILING FIXTURE

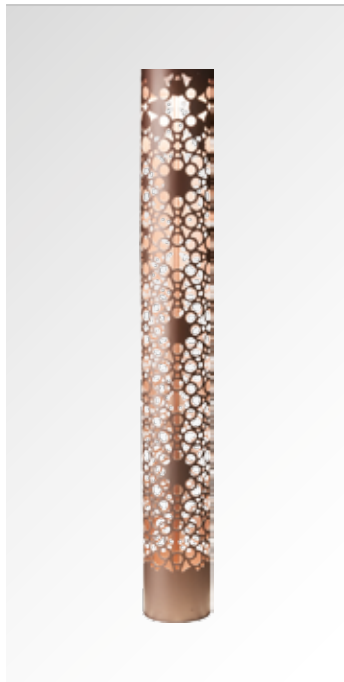


Source	Power	Φ [lm]	Color temperature [K]	CRI	Beam	W [Kg]	Code
LED	20W	1200	4000	>80	8°	4,50	78688._NW
LED	20W	1150	3000	>80	8°	4,50	78688._WW

IP65

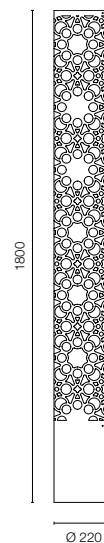


FLOOR-STANDING FIXTURE WITH LIGHTING FROM THE BOTTOM



Source	Power	Φ [m]	Color temperature [K]	CRI	Beam	W [Kg]	Code
LED	20W	1200	4000	>80	8°	21,0	78686._NW
LED	20W	1150	3000	>80	8°	21,0	78686._WW

⊕ IP65

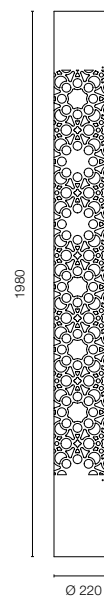


FLOOR-STANDING FIXTURE WITH LIGHTING FROM THE TOP



Source	Power	Φ [m]	Color temperature [K]	CRI	Beam	W [Kg]	Code
LED	22W	1600	4000	>80	101°	24,0	78689._NW
LED	22W	1360	3000	>80	101°	24,0	78689._WW

⊕ IP65



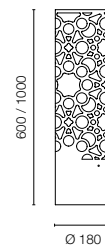
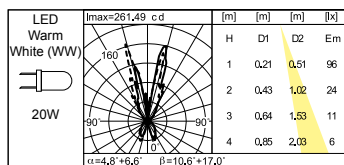
BOLLARD WITH LIGHTING FROM THE BOTTOM

□ 11 ■ 79 ■ 86

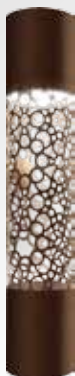


Source	Power	Φ [lm]	Color temperature [K]	CRI	Beam	L [mm]	W [Kg]	Code
LED	20W	1200	4000	>80	8°	600	4,50	78685._NW
LED	20W	1150	3000	>80	8°	600	4,50	78685._WW
LED	20W	1200	4000	>80	8°	1000	6,50	78694._NW
LED	20W	1150	3000	>80	8°	1000	6,50	78694._WW

IP65

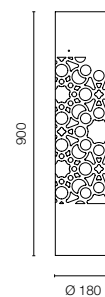


BOLLARD WITH LIGHTING FROM THE TOP



Source	Power	Φ [lm]	Color temperature [K]	CRI	Beam	W [Kg]	Code
LED	22W	1600	4000	>80	101°	6,50	78695._NW
LED	22W	1360	3000	>80	101°	6,50	78695._WW

IP65









FIX

DESIGN: DAVIDE CAVALLI

The point is a primitive dimensional concept on which the whole geometry is based. A luminous point can describe straight lines or curves of light, precisely as a set of points represents a geometric shape. Fix is a sign of light in the hands of the designer, not only to signal but also to mark out a presence. Point.





HOSPITALITY



RESIDENTIAL



Body

Aluminium plate with anti-oxidation treatment, central satin methacrylate diffuser and stainless steel fixing screws.

Light sources

1W, 12V DC LED, available in cool white, blue, amber, green or red versions. System power 3.6W.

Emissions

Diffused, thanks to the satin screen.

Power supply

Available with electronic or electromagnetic power supply to control more than one fixture.

Accessories

Electronic and electromagnetic control gear.

Colors

Satin-finish grey for outdoors and anthracite grey finish.

wall mounted

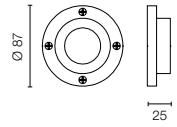


ceiling mounted



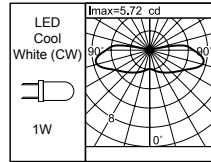


Source	Voltage	Wattage	W [Kg]	Code
Cool White LED	12V c.c.	1W	0,30	76480. _
Blue LED	12V c.c.	1W	0,30	76481. _
Amber LED	12V c.c.	1W	0,30	76482. _
Green LED	12V c.c.	1W	0,30	76484. _
Red LED	12V c.c.	1W	0,30	76485. _



IP65

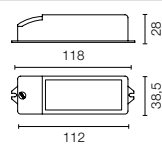
ballast available as accessory



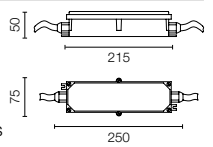
ACCESSORIES



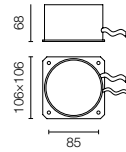
IP40 electronic ballast
230-240/12 VDC 15 W
suitable for controlling up to 4 fixtures
code **38919.00**



IP67 electronic ballast
230-240/12 VDC 70 W
suitable for controlling up to 19 fixtures
code **38933.00**



IP66 electromagnetic ballast
(non-stabilised)
230/12 VDC 50 W
suitable for controlling up to 14 fixtures
code **38920.00**



ZEN

DESIGN: STEPHAN BABIAN

Zen is an essential design appliance for diffused light that does not stop at functional language, but rather characterises the external space through the original inclined cut form.



DESIGN: STEPHAN BABIAN



Body

Laser-cut metal fixture and sand-blasted tempered glass diffuser screen.

Light sources

6W compact FL Sylvania Micro-Lynx F fluorescent lamp, 48W halogen QT-14 lamp, 22W T5-C fluorescent lamp.

Emissions

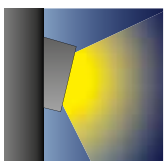
Direct diffused.

Power supply

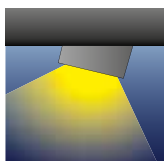
Electronic power supply built into the appliance for the fluorescent T5-C version; mains powered for the halogen version and special fluorescent Micro-Lynx F version.

Colors

Satin-finish grey, anthracite grey or corten finish.



wall installation



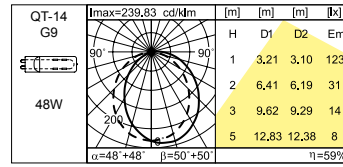
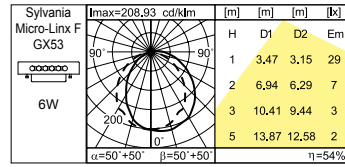
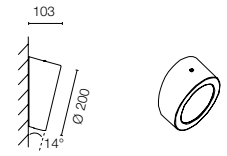
ceiling installation





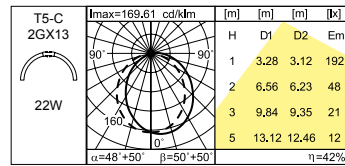
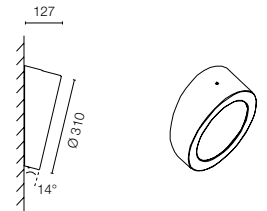
Source	Power	Socket	W [kg]	Code
FL Sylvania Micro-Lynx F	6W	GX53	1.80	76716. _
AL QT-14	48W	G9	1.80	76715. _

IP54



Source	Power	Socket	W [kg]	Code
FL T5-C	22W	2GX13	4.00	76718. _

IP54



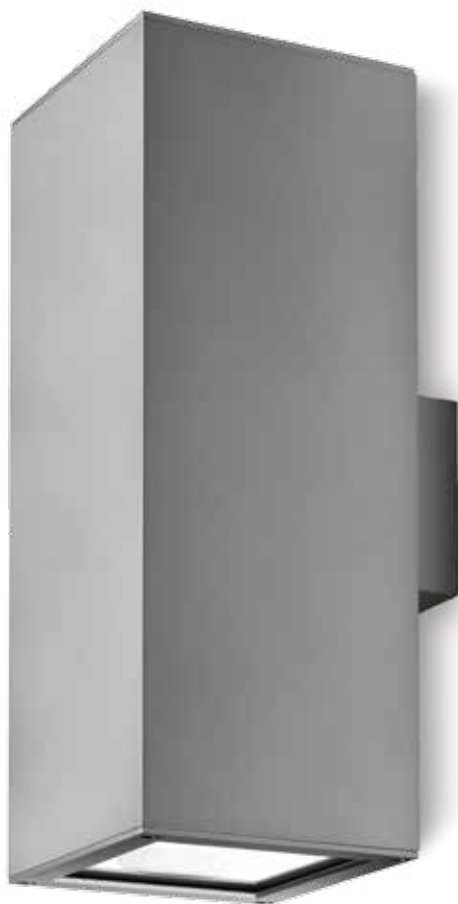
PILO/PILO UP/PILA

DESIGN: MARTINI STAFF

Laconic's essence made light, conformed into an object, produced with care. This range of products leaves no room for misunderstandings, surprising every time the eye examines it, with its innate capacity to adapt to any role in the lighting design world.



DESIGN: MARTINI STAFF



Body

Extruded aluminium body with die-cast end caps. Tempered glass closing screens.

Available in two dimensions: 125x125mm and 168x168mm .

Light sources

35W, 70W and 150W metal halide lamps.

150W QT-32 halogen lamp, AR111 35W or 100W halogen lamp with integrated reflector.

Emissions

Mono and bi-emission version available.

Power supply

Mains powered for the halogen version; built-in electromagnetic control gear for the metal halide and AR111 halogen version.

Colors

Satin-finish grey, anthracite grey or corten finish.



Pilo bi-emission fixture

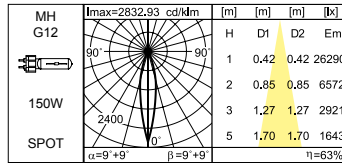
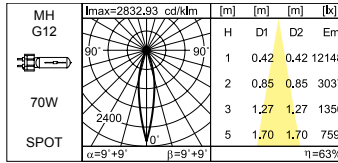
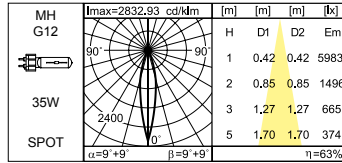


Pilo mono-emission fixture

MONO-EMISSION



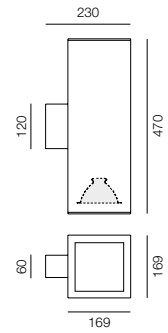
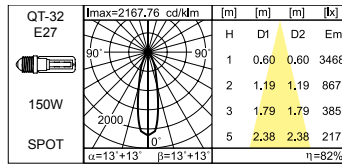
Source	Power	Socket	W [kg]	Code
MH	35W	G12	7.60	76680. __
MH	70W	G12	8.00	76681. __
MH	150W	G12	8.90	76682. __



Source	Power	Socket	W [kg]	Code
AL QT-32	150W	E27	6.00	76684. __



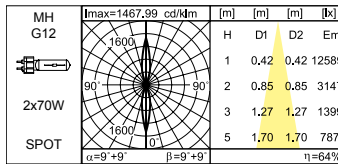
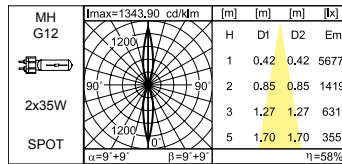
only use Osram Halolux Ceram lamps



BI-EMISSION



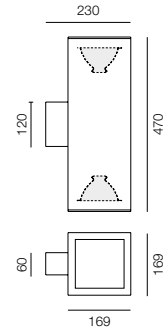
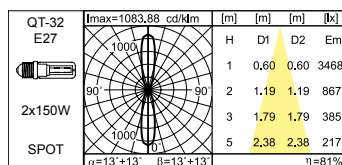
Source	Power	Socket	W [kg]	Code
MH	2x35W	G12	9.50	76685. __
MH	2x70W	G12	11.2	76686. __



Source	Power	Socket	W [kg]	Code
AL QT-32	2x150W	E27	11.5	76689. __



only use Osram Halolux Ceram lamps

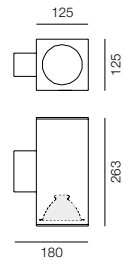


MONO-EMISSION



Source	Power	Socket	W [kg]	Code
AL AR111	100W	G53	4.40	76700. __

lamp photometric data - see page 564

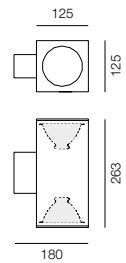


BI-EMISSION



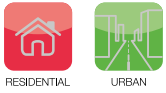
Source	Power	Socket	W [kg]	Code
AL AR111	2x35W	G53	5.00	76701. __

lamp photometric data - see page 564





DESIGN: MARTINI STAFF



Body

Extruded aluminium body with die-cast end caps. Tempered glass closing screens.

Light sources

35W, 70W and 150W metal halide lamps. 150W QT-32 halogen lamp.

Emissions

The emission vary according to the type of lamp used.

Power supply

Built-in electromagnetic control gear for the metal halide and AR111 halogen version.

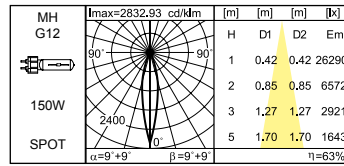
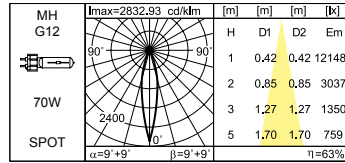
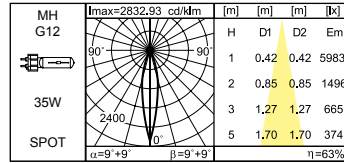
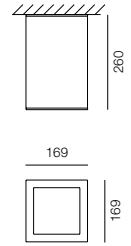
Colors

Satin-finish grey, anthracite grey or corten finish.





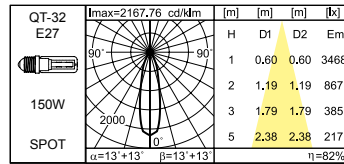
Source	Power	Socket	W [kg]	Code
MH	35W	G12	5.20	76690. _
MH	70W	G12	5.50	76691. _
MH	150W	G12	6.40	76692. _



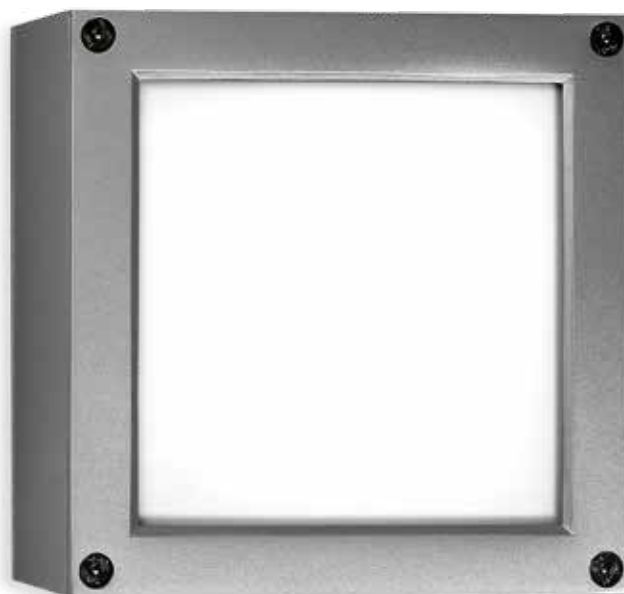
Source	Power	Socket	W [kg]	Code
AL QT-32	150W	E27	4.00	76694. _



only use Osram Halolux Ceram lamps



DESIGN: MARTINI STAFF



Body

Extruded aluminium body with die-cast end caps. Tempered and sand-blasted glass closing screens. Available in two dimensions: 125x125mm and 168x168mm .

Light sources

Linear 80W or 120W halogen lamp or 18W TC-D compact fluorescent lamp.

Emissions

Diffused roto-symmetrical.

Power supply

Mains powered for the halogen version; built-in electromagnetic control gear for the fluorescent version.

Accessories

Housing for Pila 168, for flush-fitted recessed installation.

Colors

Satin-finish grey, anthracite grey or corten finish.

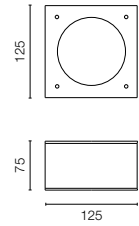
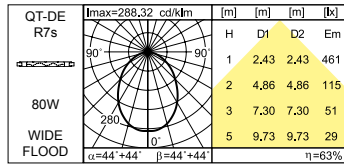


68 86 79

PILA 125



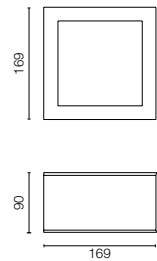
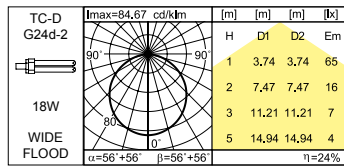
Source	Power	Socket	W [kg]	Code
AL QT-DE short	80W	R7s	1.00	76695 __



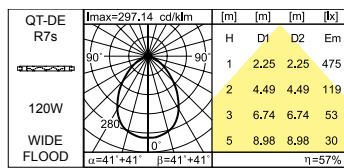
PILA 168



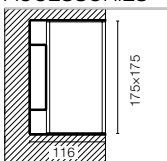
Source	Power	Socket	W [kg]	Code
FL TC-D	18W	G24d-2	2.40	76696 __



Source	Power	Socket	W [kg]	Code
AL QT-DE Short	120W	R7s	2.00	76699 __



ACCESSORIES



housing for flush-fitted recessed wall installation of Pila 168
code **76697.00**





BICUBO

DESIGN: PIER FILIPPO FERRARI

A treasure chest of light that opens its luminous wonders to the world around it and focuses its glare in the environment. Bicubo is not just a luminous container, it is light made into shape, in its multiple facets, in its being volume and weight, the combination of two inter-dependent and indivisible realities.





BICUBO SIDE ATTACHMENT



BICUBO BASE ATTACHMENT

Body

Extruded aluminium structure, tempered protective glass, hinges and frames in die-cast aluminium. Available in two different types of fixings: base mount and side mount. White polycarbonate or polished metallic parabolic optic in LED version.

Light sources

LED Array 25W or 40W, available in a Warm White version (3000K). MH metal halide lamps, 35W, 70W and 150W. 160W halogen lamp.

Emissions

Mono and bi-emission symmetric optic. Asymmetrical mono-emission optic in LED version.

Power supply

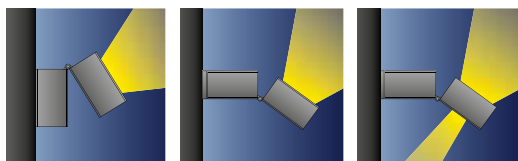
Integrated electromagnetic control gear for metal halide versions, integrated electronic control gear for LED version.

Accessories

Available with cut-off screen and accessories for installation with wiring duct (base attachment only).

Colors

White, satin grey, anthracite grey or corten finish.



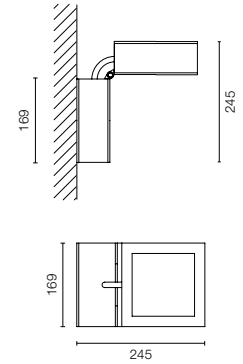
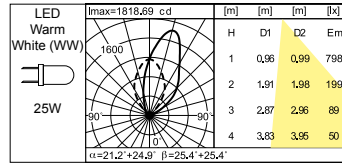
□ 11 ■ 68 ■ 86 ■ 79



LED

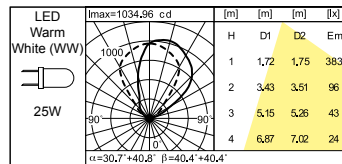
Source	Power	Φ [lm]	Color temperature [K]	CRI	Beam	W [Kg]	Code
LED	25W	2130	3000	>80	25°+25°/21°+25°	5,00	76603._WW
LED	40W	3260	3000	>80	26°+26°/24°+24°	5,00	76613._WW

IP65 high vacuum metallized polycarbonate optic



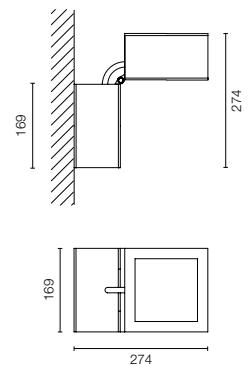
Source	Power	Φ [lm]	Color temperature [K]	CRI	Beam	W [Kg]	Code
LED	25W	2130	3000	>80	40°+40°/31°+41°	5,00	76655._WW
LED	40W	3260	3000	>80	42°+42°/35°+40°	5,00	76656._WW

IP65 high-yield white polycarbonate optic



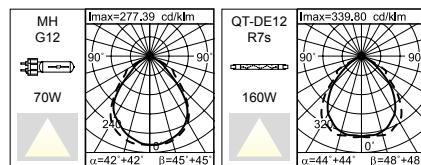
Source	Power	Socket	W [Kg]	Code
MH	35W	G12	5,00	76600._
MH	70W	G12	5,50	76601._
MH	150W	G12	5,30	76602._

IP65



Source	Power	Socket	W [Kg]	Code
AL QT-DE12	160W	R7s	4,30	76604._

IP65



ACCESSORIES



accessories for installation with wiring duct (base attachment only)
code **76621.00**



Cut-Off screen (halogen and MH lamps)
code **76620.00**



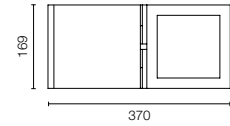
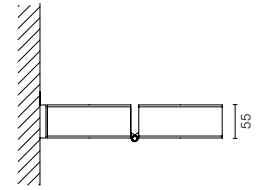
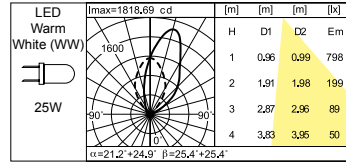


LED

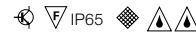
Source	Power	Φ [lm]	Color temperature [K]	CRI	Beam	W [Kg]	Code
LED	25W	2130	3000	>80	25°+25°/21°+25°	5,00	76608._WW
LED	40W	3260	3000	>80	26°+26°/24°+24°	5,00	76618._WW



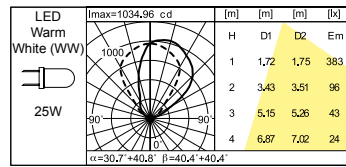
high vacuum metallized polycarbonate optic



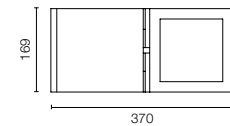
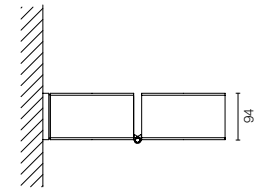
Source	Power	Φ [lm]	Color temperature [K]	CRI	Beam	W [Kg]	Code
LED	25W	2130	3000	>80	40°+40°/31°+41°	5,00	76657._WW
LED	40W	3260	3000	>80	42°+42°/35°+40°	5,00	76658._WW



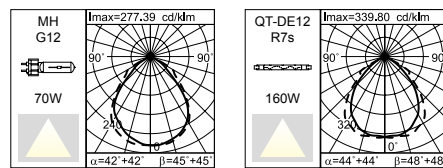
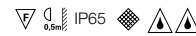
high-yield white polycarbonate optic



Source	Power	Socket	W [Kg]	Code
MH	35W	G12	5,50	76605._
MH	70W	G12	6,00	76606._
MH	150W	G12	6,50	76607._



Source	Power	Socket	W [Kg]	Code
AL QT-DE12	160W	R7s	4,50	76609._



ACCESSORIES

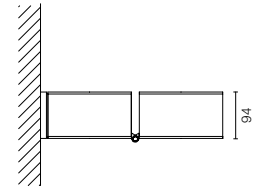


Cut-Off screen (halogen and MH lamps)
code **76620.00**

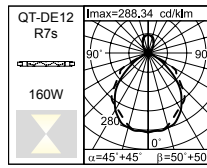
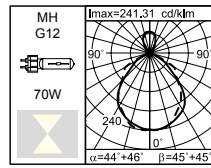
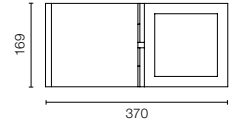
□ 11 ■ 68 ■ 86 ■ 79



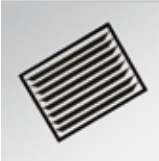
Source	Power	Socket	W [Kg]	Code
MH	35W	G12	5,70	76615. __
MH	70W	G12	6,00	76616. __
MH	150W	G12	7,00	76617. __



Source	Power	Socket	W [Kg]	Code
AL QT-DE12	160W	R7s	4,80	76619. __



ACCESSORIES



Cut-Off screen (halogen and MH lamps)
code **76620.00**



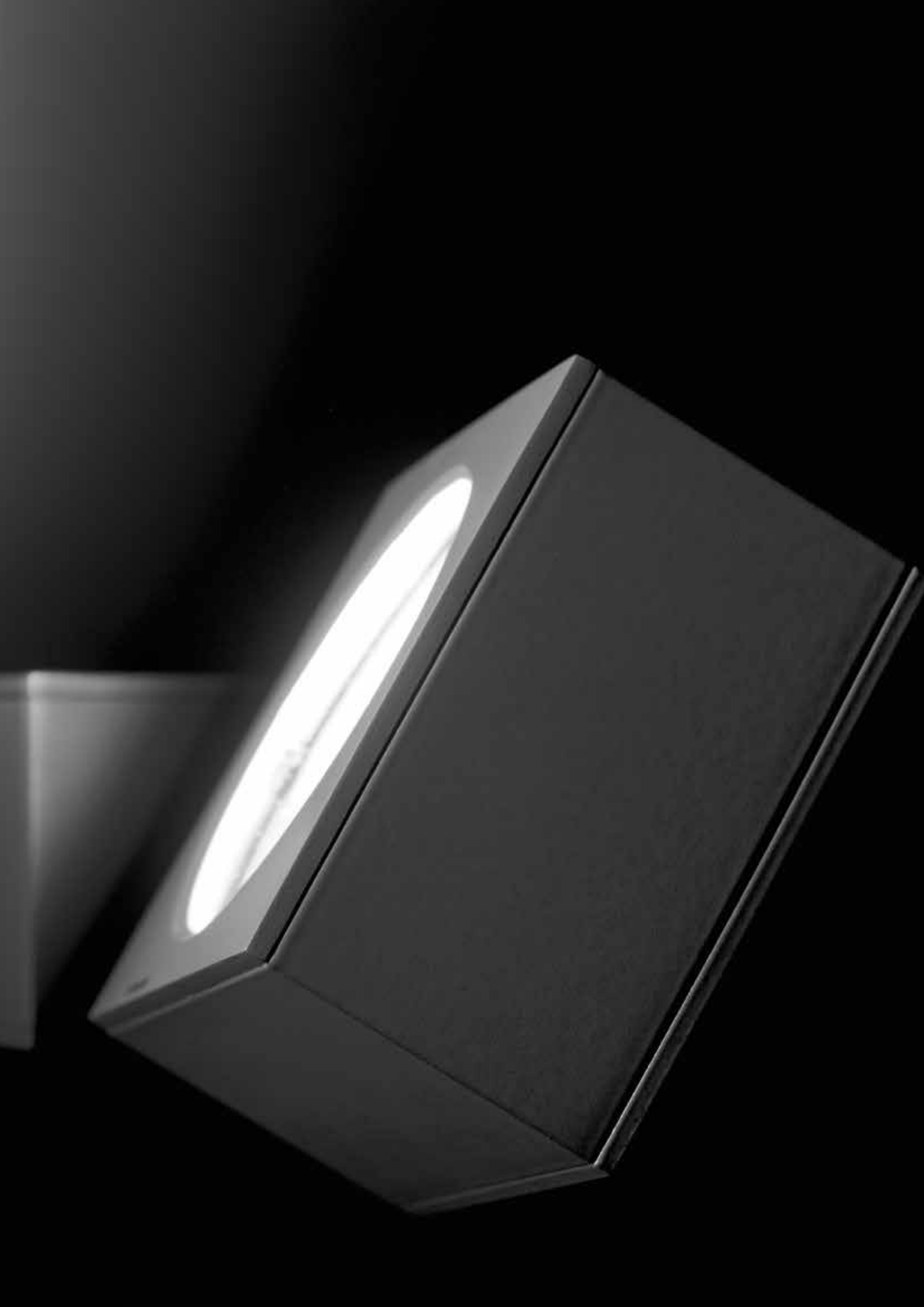




SLIM

DESIGN: MARTINI STAFF

The light is a unidirectional, abstract material; Slim knows how to play with it, directing it, making it concrete and tangible, helping it to address itself and subtract a section of space from the relentless flow of time.



DESIGN: MARTINI STAFF



RESIDENTIAL



URBAN



SLIM 125 LONG



SLIM 125 SHORT

Body

Extruded aluminium body with die-cast end caps and closing bezels. Aluminium joint with stainless steel screw locking system. Rotation of $\pm 80^\circ$ on horizontal and vertical axes.

Colors

Satin-finish grey and anthracite grey.

Light sources

35W metal halide lamp, 100W AR111 incorporated reflector halogen lamp, 120W QT-DE halogen lamp.

Emissions

Medium and flood symmetric optics. The emission of AR111 lamp version depends on the beam angle of the chosen lamp.

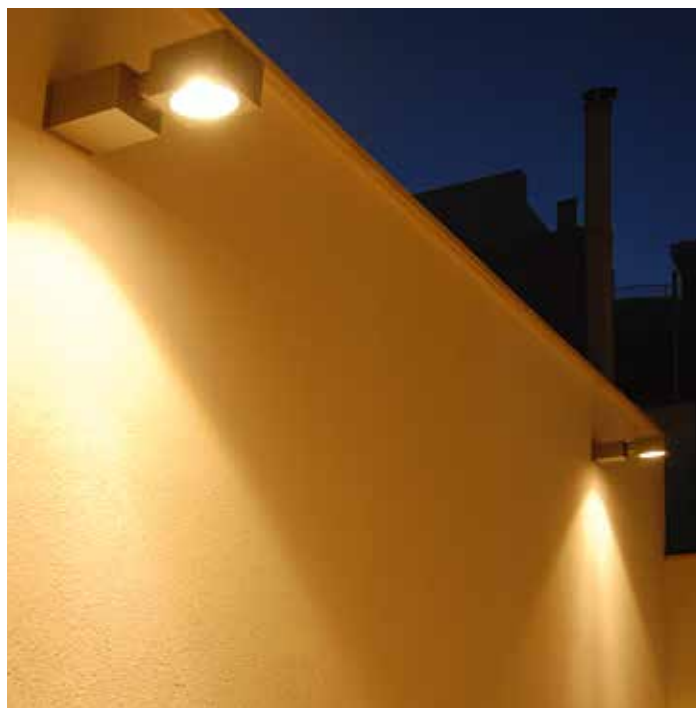
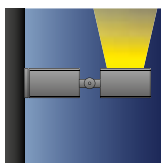
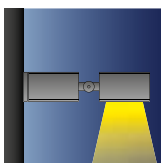
Power supply

Integrated electronic and electromagnetic control gear for metal halide version, integrated electromagnetic control gear for AR111 halogen lamp, mains powered for QT-DE halogen version.

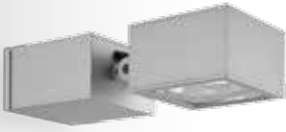
rotation of $\pm 80^\circ$ on the horizontal axis



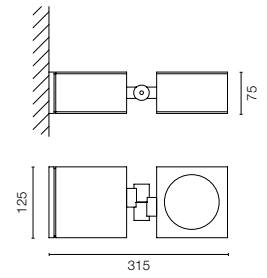
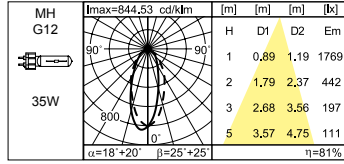
rotation of $\pm 80^\circ$ on the vertical axis



SLIM 125 LONG



Source	Power	Socket	W [kg]	Code
MH	35W	G8.5	2.80	76705. __

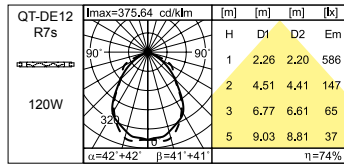


Source	Power	Socket	W [kg]	Code
AL AR111	100W	G53	3.50	76708. __



lamp photometric data - see page 564

Source	Power	Socket	W [kg]	Code
AL QT-DE short	120 W	R7s	2.40	76709. __



SLIM 125 SHORT

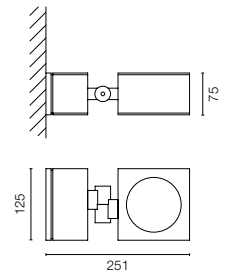
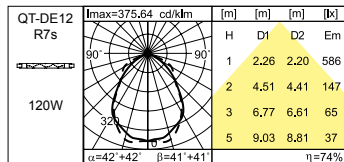


Source	Power	Socket	W [kg]	Code
AL AR111	100W	G53	2.00	76703. __



lamp photometric data - see page 564

Source	Power	Socket	W [kg]	Code
AL QT-DE short	120W	R7s	2.00	76704. __

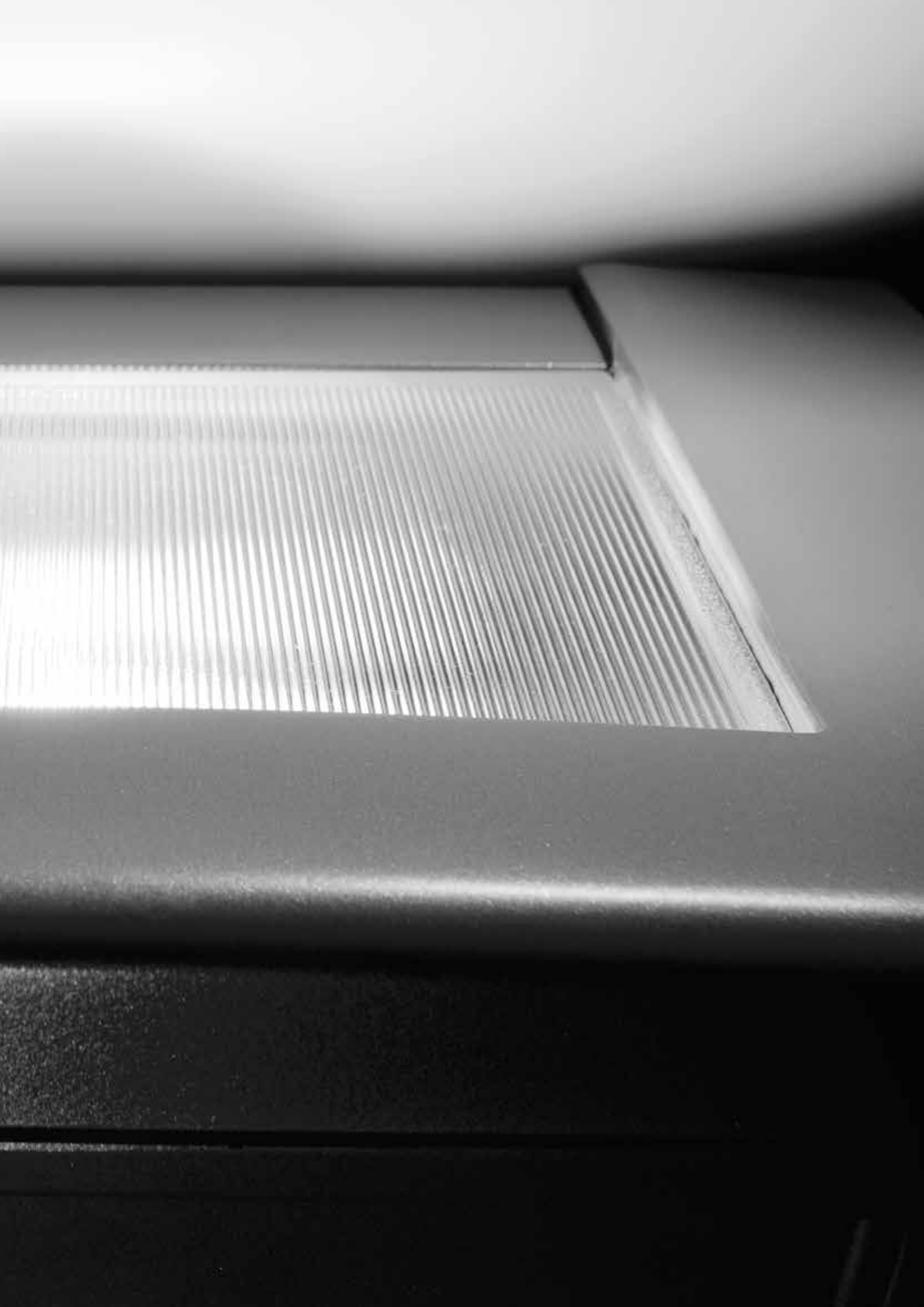




WALLY

DESIGN: LAPO GRASSELLINI

The perception of urban spaces can be altered through a multiple reading of the architectures comprising it. In its different versions, Wally enables a play on planes, illuminating vertical surfaces to underline pedestrian routes through a functional direct light or make room for volumes with a soft, indirect light.





RESIDENTIAL



URBAN



Body

Die-cast aluminium fixture with tempered glass screen.

Light sources

35W or 70W MH metal halide lamp.
120W halogen QT-DE12 lamp or
18W TC-L compact fluorescent
lamp.

Emissions

Asymmetric.

Power supply

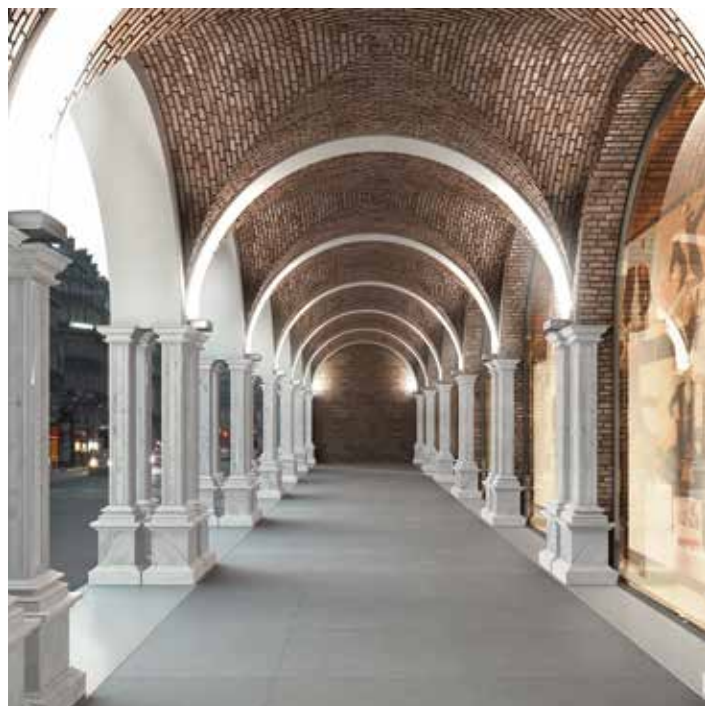
Integrated electronic control gear
for the metal halide and fluorescent
versions; mains powered for the
halogen version.

Accessories

Metal housing and polystyrene
block for installation as a semi-
recessed fixture.

Colors

Satin grey, anthracite grey or corten
finish.



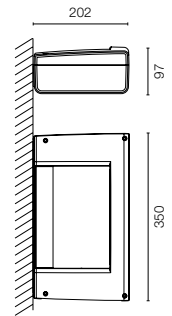
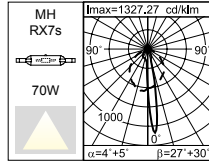
68 86 79

WALLY UP



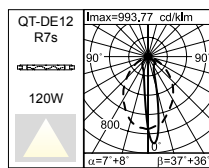
Source	Power	Socket	W [kg]	Code
MH	35W	G12	5.50	78369. _
MH	70W	RX7s	5.50	78370. _

IP66 IK08



Source	Power	Socket	W [kg]	Code
AL QT-DE12	120W	R7s	5.00	78371. _

IP66 IK08



WALLY



Source	Power	Socket	W [kg]	Code
MH	35W	G12	5.00	78374. _

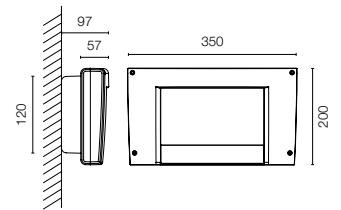
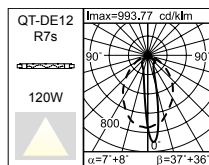
IP66 IK08

Source	Power	Socket	W [kg]	Code
TC-L	18W	2G11	5.00	78372. _

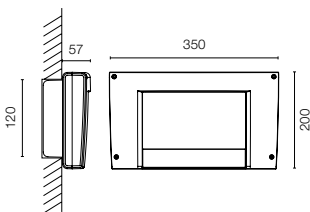
IP66 IK08

Source	Power	Socket	W [kg]	Code
AL QT-DE12	120W	R7s	4.80	78373. _

IP66 IK08



ACCESSORIES



Wally can be installed as a semi-recessed fixture using the housing or polystyrene filler



housing for concrete and single skin walls: 172x307xh75 mm code **78379.00**



polystyrene filler for concrete 172x307xh75 mm code **78365.00**



LARS

DESIGN: MARTINI STAFF

A compact, regular volume, mediated by a curved line: in Lars, the geometric essence of the straight form coexists with the softness of the diffused light, which encompasses space and unfolds it to the human eye.



DESIGN: MARTINI STAFF



Body

Cast aluminium body, tempered safety glass and stainless steel screws.

Light sources

70W MH metal halide lamp.

Emissions

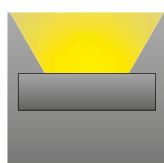
Diffused asymmetric.

Power supply

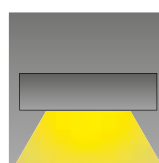
Integrated electromagnetic control gear.

Colors

Textured grey and anthracite grey finish.



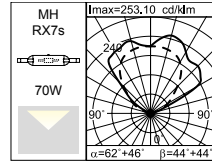
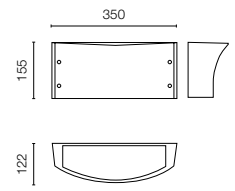
indirect emission



direct emission



Source	Power	Socket	W [kg]	Code
MH	70W	RX7s	5.60	76757_..





GIULIUS

DESIGN: PIER FILIPPO FERRARI

Simple, rational design that channels the light into two beams upwards and downwards.

A lighting hourglass that eludes the eye, giving the sensation of a multiplication and extension of the surfaces on which it rests.





HOSPITALITY



RESIDENTIAL



URBAN



Body

Visible body made of extruded aluminium, with stainless steel wall-mounting brackets. Box-shaped tempered glass diffuser.

Light sources

9W LED source, available in Warm white (3000K) or Neutral white (4000K) versions.

48W halogen lamp with G9 attachment.

Emissions

Direct/indirect lighting appliance, diffused emission with light effects on the installation wall.

Power supply

Powered from electricity mains. Integrated electronic control gear in LED version.

Colors

Satin grey, anthracite grey, white or corten finish.

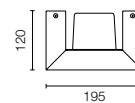
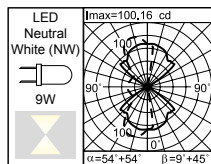


□ 11 ■ 68 ■ 86 ■ 79



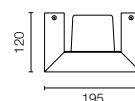
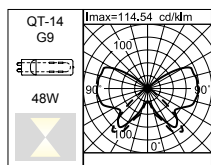
Source	Power	Φ [lm]	Color temperature [K]	CRI	W [Kg]	Code
LED	9W	500	4000	>80	1,70	76344._NW
LED	9W	440	3000	>80	1,70	76344._WW

□ ▽ IP65



Source	Power	Socket	W [Kg]	Code
AL QT-14	48W	G9	1,70	76340._

▽ IP65





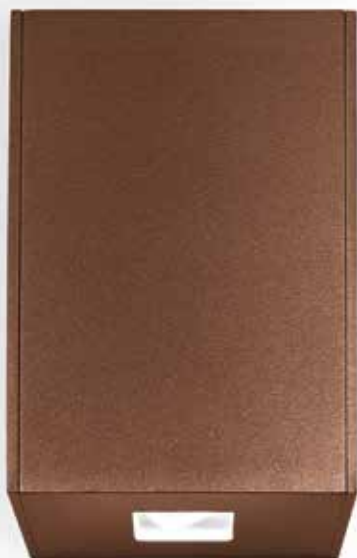
EDO

DESIGN: MARTINI STAFF

Sometimes just a single accent of light can suggest emotions, brightening up any context. Edo supports blades of light on the unmoving walls, giving movement. This product is a valid aid for designers seeking to add style to an artistic gesture, like decorative lighting.



DESIGN: MARTINI STAFF



Body

Extruded aluminium body with die-cast end caps. Concentrating lenses made of moulded tempered glass. Flat tempered glass diffuser, aluminium fixing brackets.

Light sources

4,5W LED source, available in Warm White (3000K) or Neutral White (4000K) versions. R7s short halogen lamps up to 120 W, or 35W G8.5 metal halide lamps.

Emissions

Combinations of lenses (opening of narrow beam) and glass (opening of wide beam) can give rise to different effects on the wall.

Power supply

Powered from the electricity mains.

Colors

White, satin grey, anthracite grey or corten finish.

light emission with glass



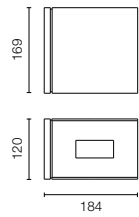
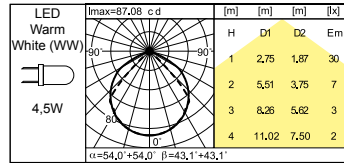
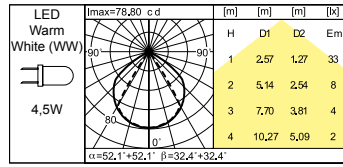
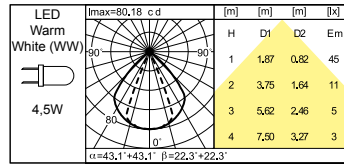
light emission with lens



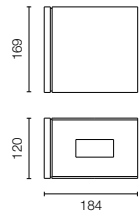
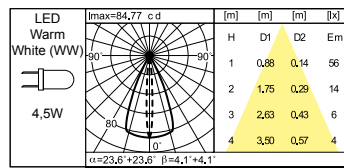
□ 11 ■ 68 ■ 86 ■ 79



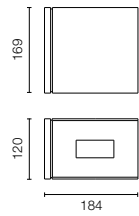
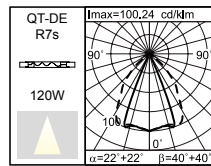
Source	Power	Color temperature [K]	Beam	W [Kg]	Code
LED 1 glass	4,5W	4000	45°/65°/86°	2,80	79960._NW
LED 1 glass	4,5W	3000	45°/65°/86°	2,80	79960._WW



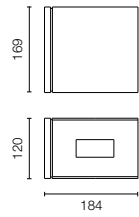
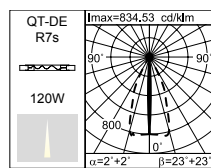
Source	Power	Color temperature [K]	Beam	W [Kg]	Code
LED 1 lens	4,5W	4000	8°	2,80	79961._NW
LED 1 lens	4,5W	3000	8°	2,80	79961._WW



Source	Power	Socket	W [Kg]	Code
AL QT-DE Short 1 glass	120W	R7s	3,20	76721._



Source	Power	Socket	W [Kg]	Code
AL QT-DE Short 1 lens	120W	R7s	3,40	76720._



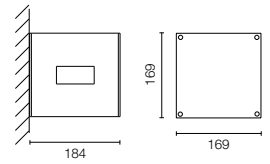
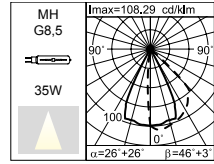
11 68 86 79

EDO 1



Source	Power	Socket	W [Kg]	Code
MH 1 glass	35W	G8,5	4,60	76728. __

IP65

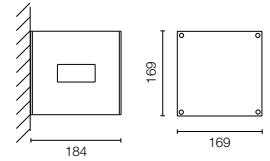
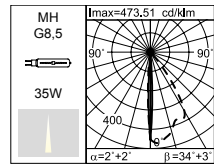


EDO 1



Source	Power	Socket	W [Kg]	Code
MH 1 lens	35W	G8,5	4,50	76726. __

IP65

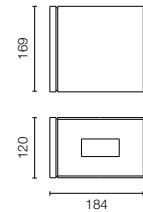
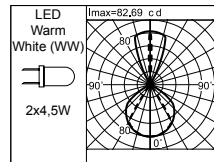


EDO 2



Source	Power	Color temperature [K]	Beam	W [Kg]	Code
LED 1 lens + 1 glass	2x4,5W	4000	8°- 45°/65°/86°	2,80	79962. __NW
LED 1 lens + 1 glass	2x4,5W	3000	8°- 45°/65°/86°	2,80	79962. __WW

IP65

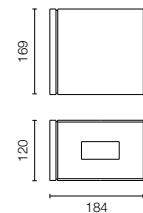
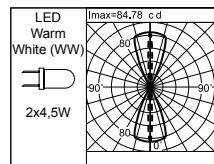


EDO 2



Source	Power	Color temperature [K]	Beam	W [Kg]	Code
LED 2 lenses	2x4,5W	4000	8°- 8°	2,80	79963. __NW
LED 2 lenses	2x4,5W	3000	8°- 8°	2,80	79963. __WW

IP65

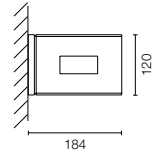
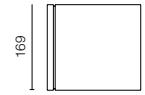
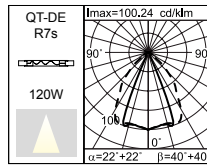
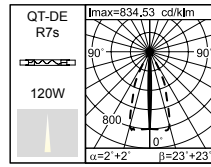


□ 11 ■ 68 ■ 86 ■ 79



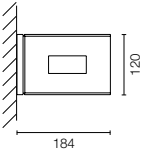
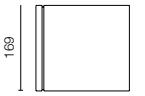
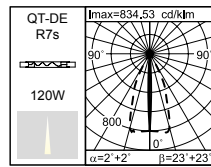
Source	Power	Socket	W [Kg]	Code
AL QT-DE Short 1 lens + 1 glass	120W	R7s	4,80	76722. __

IP65



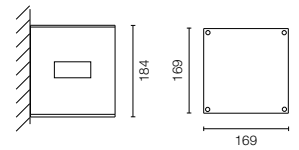
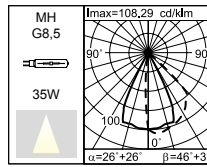
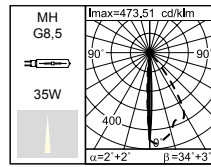
Source	Power	Socket	W [Kg]	Code
1 AL QT-DE Short 2 lenses	120W	R7s	4,80	76723. __

IP65



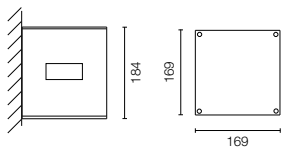
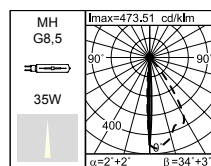
Source	Power	Socket	W [Kg]	Code
MH 1 lens + 1 glass	35W	G8,5	4,60	76725. __

IP65



Source	Power	Socket	W [Kg]	Code
MH 2 lenses	35W	G8,5	4,80	76727. __

IP65

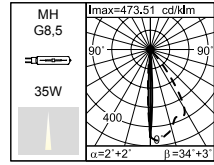
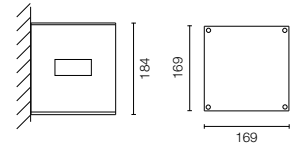


11 68 86 79

EDO 2



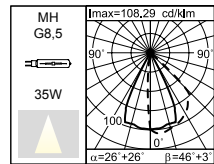
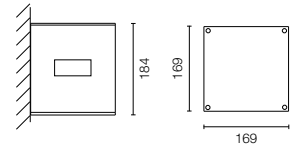
Source	Power	Socket	W [Kg]	Code
MH 2 lenses 90°	35W	G8,5	4,80	76748. __



EDO 2



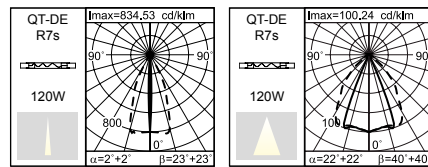
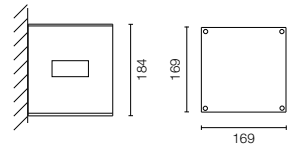
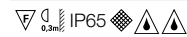
Source	Power	Socket	W [Kg]	Code
MH 2 glasses	35W	G8,5	4,80	76729. __



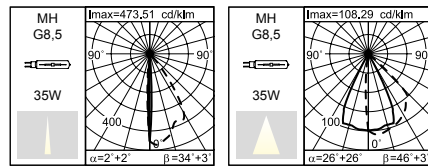
EDO 3



Source	Power	Socket	W [Kg]	Code
AL QT-DE Short 2 opposing lenses + 1 glass	120W	R7s	3,70	76731. __



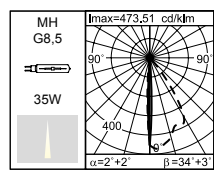
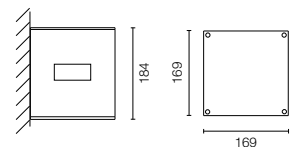
Source	Power	Socket	W [Kg]	Code
AL QT-DE Short 2 opposing lenses + 1 glass	35W	G8,5	4,70	76737. __



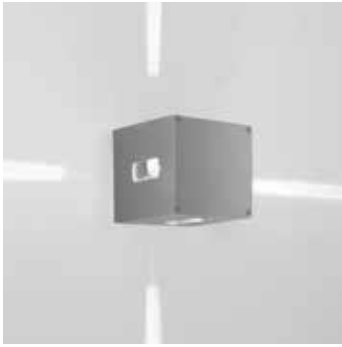
EDO 3



Source	Power	Socket	W [Kg]	Code
MH 3 lenses	35W	G8,5	4,80	76739. __

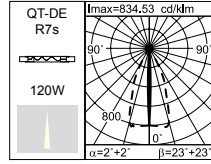
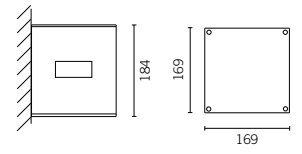


11 68 86 79



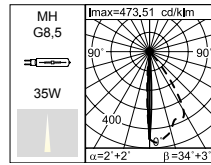
Source	Power	Socket	W [Kg]	Code
AL QT-DE Short 4 lenses	120W	R7s	3,50	76740. __

IP65



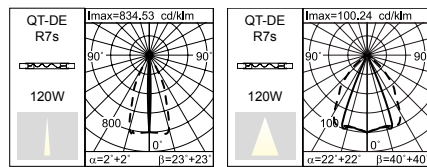
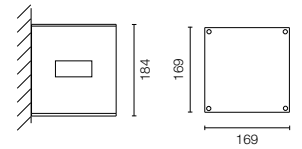
Source	Power	Socket	W [Kg]	Code
MH 4 lenses	35W	G8,5	4,80	76746. __

IP65



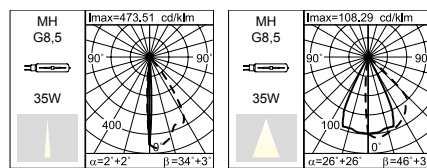
Source	Power	Socket	W [Kg]	Code
AL QT-DE Short 3 lenses+ 1 glass	120W	R7s	3,70	76741. __

IP65



Source	Power	Socket	W [Kg]	Code
MH 3 lenses + 1 glass	35W	G8,5	4,70	76747. __

IP65





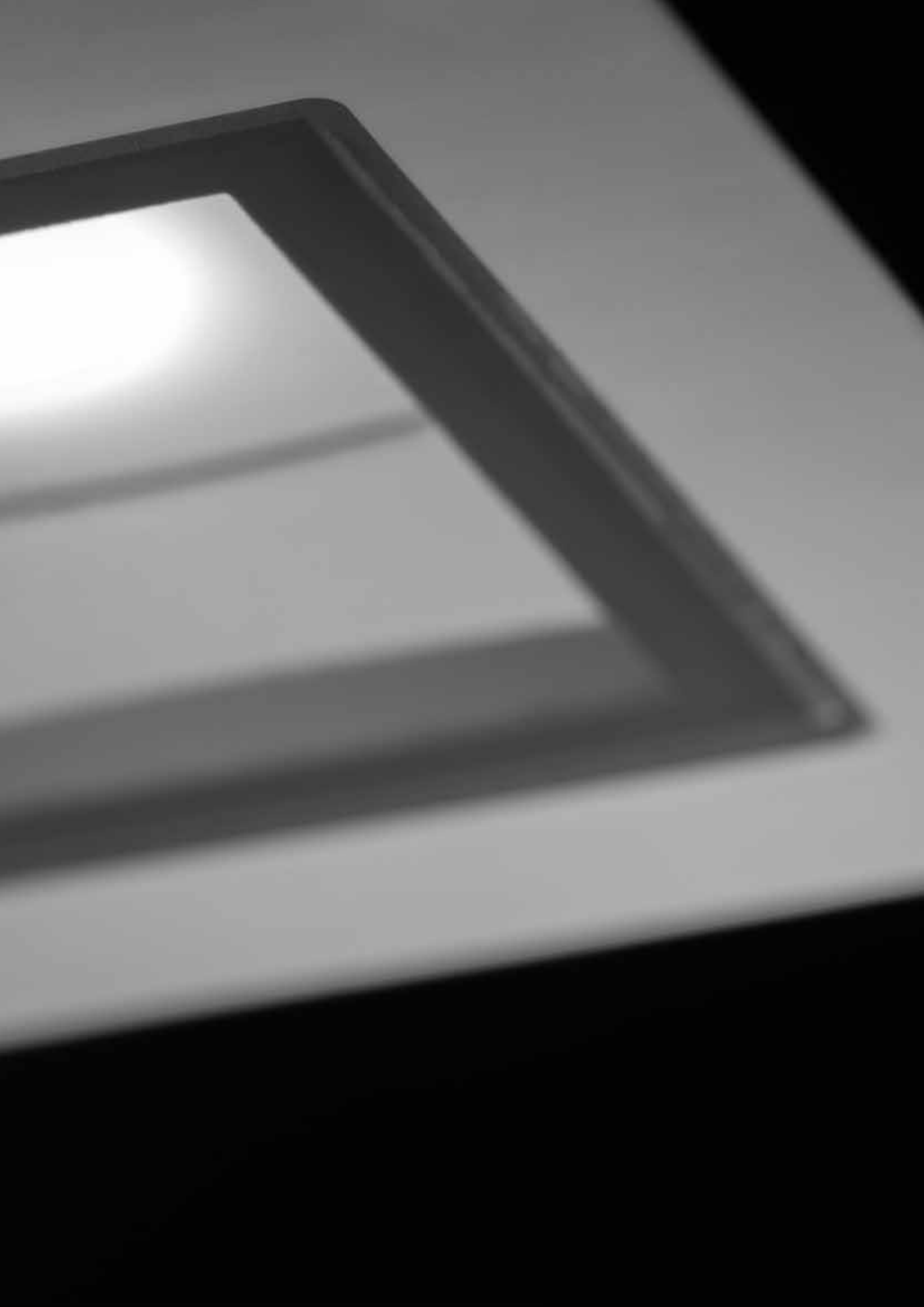




DROP

DESIGN: MARTINI STAFF

Light and gravity, an impossible combination. Yet Drop allows them to coexist, with its clean-cut design, these two elements in a single fixture: the light reverses onto the walls and if on the one hand it gives way to the force of gravity, on the other it wins against it, projecting strokes of opposing, yet coherent, light.



DESIGN: MARTINI STAFF



HOSPITALITY



RESIDENTIAL



DROP
BI-EMISSION



DROP
MONO-EMISSION

Body

Extruded aluminium with powder-coated die-cast anodised aluminium end caps. Tempered glass inserted into the end cap, fixed with stainless steel screws.

Light sources

3W, 12V DC LED, available in Cold White, Warm White and blue.

Emissions

Mono and bi-emission.

Power supply

Available with electronic or electromagnetic power supply to control more than one appliance.

Accessories

Non-stabilised IP66 50W electromagnetic power supply, IP40 15W and IP67 70W electronic power supply.

Colors

White, satin grey for outdoors and corten finish.

bi-emission



mono-emission

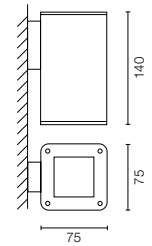
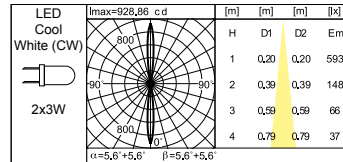


BI-EMISSION



Source	Voltage	Power	Color temperature [K]	CRI	W [Kg]	Code
Warm White LED	12V c.c.	2x3W	3000K	>80	1,25	76651._WW
Cool White LED	12V c.c.	2x3W	6050K	>80	1,25	76651._CW
Blue LED	12V c.c.	2x3W	/	/	1,25	76653._

IP65

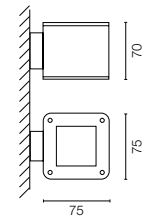
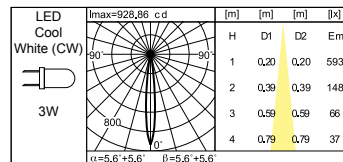


MONO-EMISSION



Source	Voltage	Power	Color temperature [K]	CRI	W [Kg]	Code
Warm White LED	12V c.c.	3W	3000K	>80	0,75	76650._WW
Cool White LED	12V c.c.	3W	6050K	>80	0,75	76650._CW
Blue LED	12V c.c.	3W	/	/	0,75	76652._

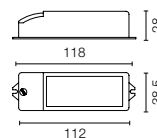
IP65



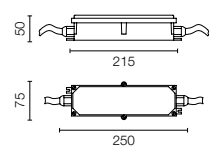
ACCESSORIES



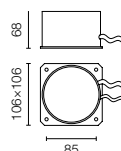
IP40 electronic ballast
230-240/12 VDC 15 W
single emission: suitable for controlling up to 3 fixtures
dual emission: suitable for controlling up to 1 fixture
code **38919.00**



IP67 electronic ballast
230-240/12 VDC 70 W
single emission: suitable for controlling up to 15 fixtures
dual emission: suitable for controlling up to 7 fixtures
code **38933.00**



IP66 electromagnetic ballast (non-stabilised)
230/12 VDC 50 W
single emission: suitable for controlling up to 11 fixtures
dual emission: suitable for controlling up to 5 fixtures
code **38920.00**



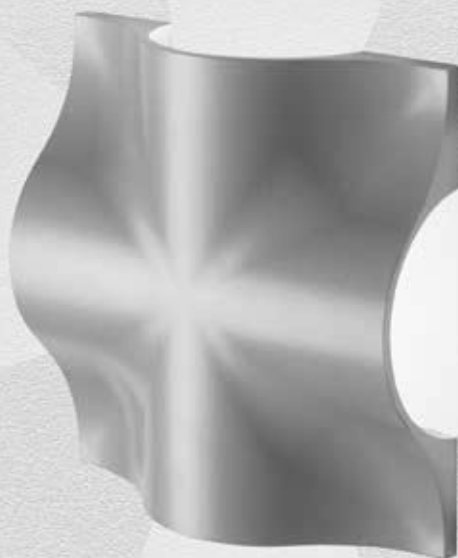
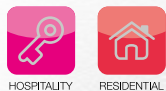
GRISI

DESIGN: ETTORE FANTASIA

When a light product blends with the architecture, it becomes architecture. Grisi falls within a project context, enriching it with identity not only for its light emission but also for its modern sinuous, plastic forms.



DESIGN: ETTORE FANTASIA



Body

Fixture for wall or ceiling installation with IP65 protection grade.

Wall-fixing support made of sheet steel. Aluminium and polycarbonate optical structure housing high-power LEDs. Thermoplastic cover for a 2-beam or 4-beam light emission, with easy click-fit installation thanks to the use of 4 permanent magnets. A stainless steel grub screw mounted on the side allows for locking the cover. Available in two different sizes, side 120 and side 200mm.

Light sources

1, 2 or 4 LEDs with a 3W power, available in cool white, amber, blue, green and red versions. RGB LED version also available.

Emissions

2 or 4 beams.

Power supply

Electronic ballast available as accessory.

Accessories

Color controller DMX512.

Colors

White or satin grey finish.



quick assembly of the cover



stainless steel dowel for locking the cover



2 beams

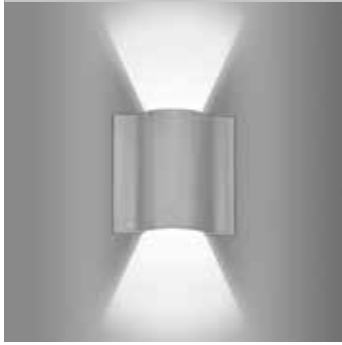


4 beams



□ 11 ■ 68

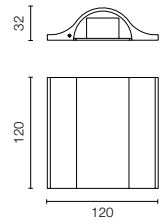
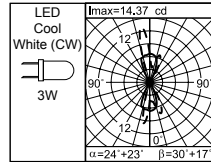
2 BEAMS



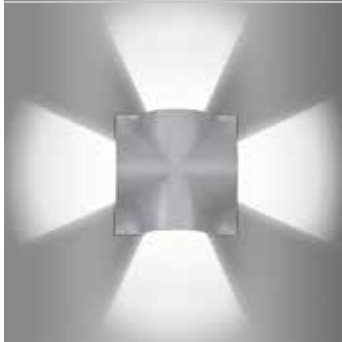
Source	Power	W [Kg]	Code
Cool White LED	3W	0,60	78380__W
Amber LED	3W	0,60	78380__A
Blue LED	3W	0,60	78380__B
Green LED	3W	0,60	78380__G
Red LED	3W	0,60	78380__R

IP65

constant current power supply at 700mA
electronic ballast available as accessory



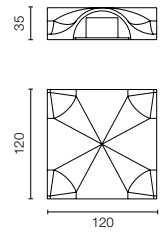
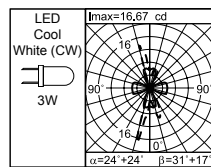
4 BEAMS



Source	Power	W [Kg]	Code
Cool White LED	3W	0,60	78390__W
Amber LED	3W	0,60	78390__A
Blue LED	3W	0,60	78390__B
Green LED	3W	0,60	78390__G
Red LED	3W	0,60	78390__R

IP65

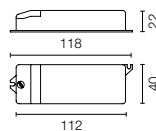
constant current power supply at 700mA
electronic ballast available as accessory



ACCESSORIES



IP40 230-240V/700mA DC ballast
suitable for powering up to:
5 Grisi 120 fixtures
code **35189.00**

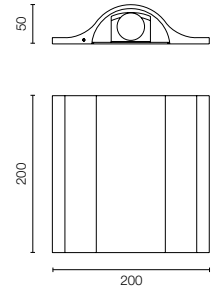


2 BEAMS



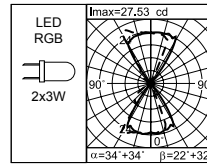
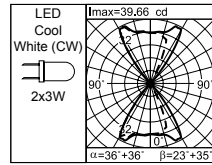
Source	Power	W [Kg]	Code
Cool White LED	2x3W	1,40	78410._W
Amber LED	2x3W	1,40	78410._A
Blue LED	2x3W	1,40	78410._B
Green LED	2x3W	1,40	78410._G
Red LED	2x3W	1,40	78410._R

IP65
 constant current power supply at 700 mA
 electronic ballast available as accessory

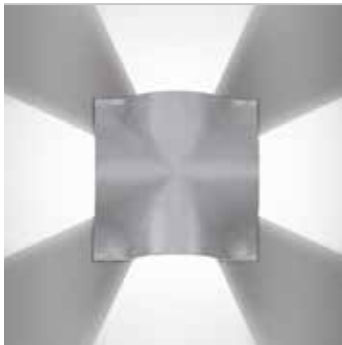


Source	Power	W [Kg]	Code
RGB LED	2x3W	1,40	78410._RGB

IP65
 DMX512 color controller see page 548

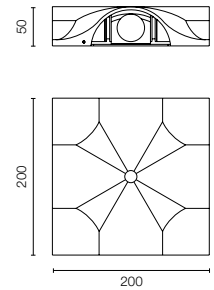


4 BEAMS



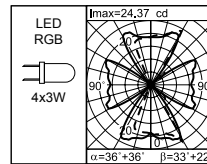
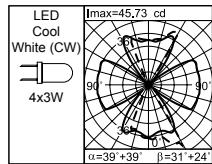
Source	Power	W [Kg]	Code
Cool White LED	4x3W	1,40	78420._W
Amber LED	4x3W	1,40	78420._A
Blue LED	4x3W	1,40	78420._B
Green LED	4x3W	1,40	78420._G
Red LED	4x3W	1,40	78420._R

IP65
 constant current power supply at 700 mA
 electronic ballast available as accessory



Source	Power	W [Kg]	Code
LED RGB	4x3W	1,40	78420._RGB

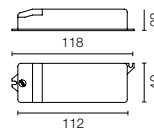
IP65
 DMX512 color controller see page 548



ACCESSORIES



IP40 230-240V/700mA DC ballast
 suitable for powering up to:
 2 Grisi 200 fixtures - 2 beams
 1 Grisi 200 fixture - 4 beams
 code **35189.00**







STRIPILED TUBE

DESIGN: MARTINI STAFF

A ribbon of light unwinds itself in the setting, grazing the space, playing with volumes and defining living areas. Striped brings the flexibility of light with it, without forgetting that colour can be a design tool.



DESIGN: MARTINI STAFF



Body

Flexible strip available in 5m divisible roll, enclosed in a PVC transparent tube with IP67 protection rating when used without cutting, 12mm width. Supplied with one male connector, two female connectors and two thermoshrinking sheaths, 10 fixing clips, 20 screws and 2 end caps. Both sides are provided with one inlet connector and one outlet connector with 100mm cable.

Light sources

24V white LED, 72W power at 5m, or 24V white LED, 24W power at 5m, available in Neutral White (4000K) and Warm White (3000K) version. Available in 12V RGB version, with 72W at 5 metres.

Emissions

Diffused symmetrical distribution. The white strip is available in high-flux and low-flux version.

Power supply

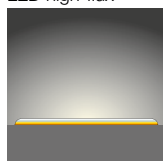
Electronic ballast available as accessory.

Accessories

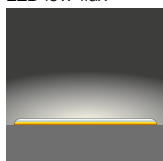
Power factor corrected electronic ballasts of various powers, power factor corrected 1-10V and DALI dimmable electronic ballasts. Connectors and sheaths kits, 10mm and 12mm fixing clips; guide for extruded element, opal screen and end caps for recessed installation; clips, extruded element with opal screen and end caps for ceiling-mounted/wall installation.



LED high-flux



LED low-flux

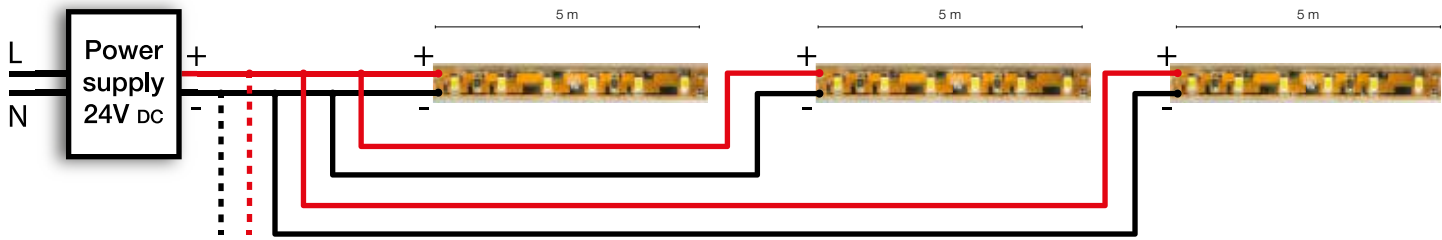


LED RGB



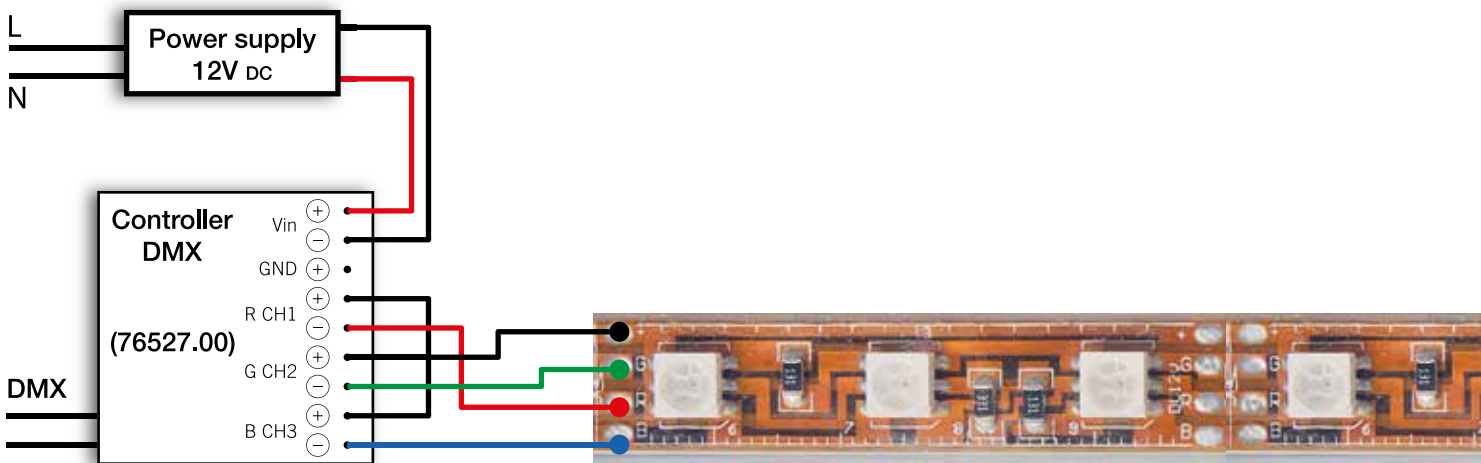
STRIPLED TUBE HIGH-FLUX AND LOW FLUX

3 Stripleds (l=5m) connection scheme

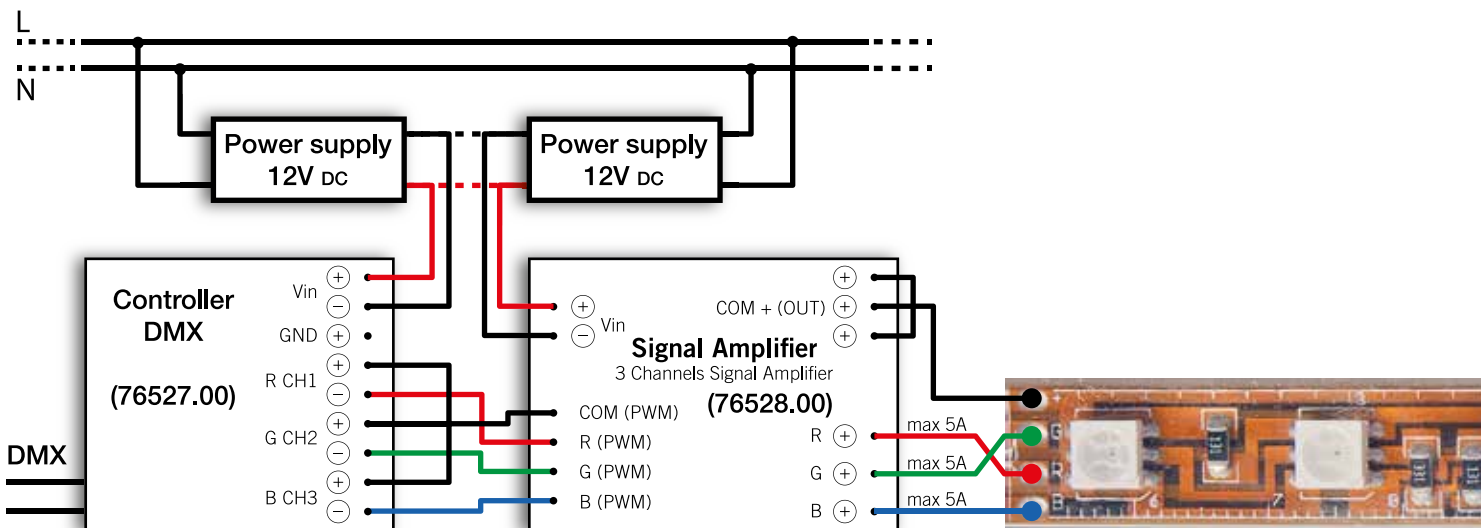


STRIPLED TUBE RGB

DMX application connection scheme



DMX and amplifier application connection scheme



STRIPILED TUBE HIGH -FLUX

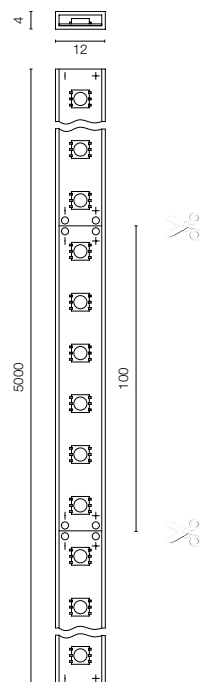
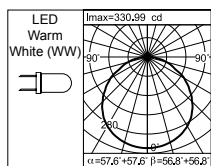


Source	Voltage	Power	Φ [lm]	Color temperature [K]	CRI	L [mm]	W [Kg]	Code
StripLED	24V	72W	5100	4000	>80	5000	0,25	78490.00NW
StripLED	24V	72W	4800	3000	>80	5000	0,25	78490.00WW

IP67/IP20

roll ends are equipped with connectors with degree IP20
 fixture available with 5m roll only
 for accessories, see page 368

photometric data recorded on a 1 m stripLED



LOW-FLUX STRIPILED TUBE

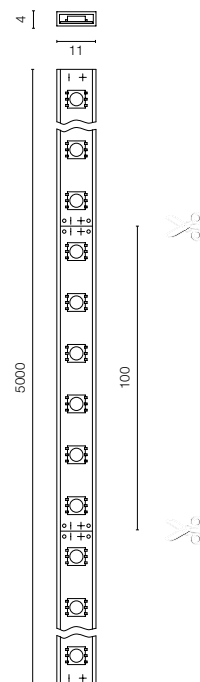
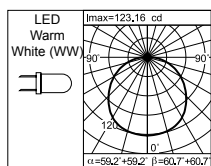


Source	Voltage	Power	Φ [lm]	Color temperature [K]	CRI	L [mm]	W [Kg]	Code
StripLED	24V	24W	2250	4000	>80	5000	0,25	78491.00NW
StripLED	24V	24W	2025	3000	>80	5000	0,25	78491.00WW

IP67/IP20

roll ends are equipped with connectors with degree IP20
 fixture available with 5m roll only
 for accessories, see page 368

photometric data recorded on a 1 m stripLED



STRIPLED TUBE RGB

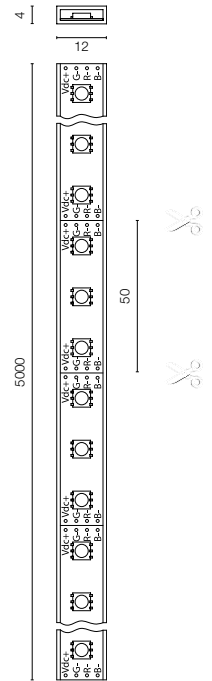
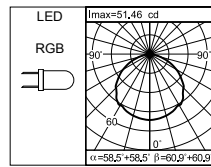



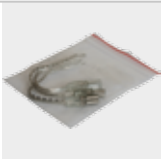



Source	Voltage	Power	Φ [mm] Full color temperature [K]	Color temperature [K]	CRI	L [mm]	W [Kg]	Code
StripLED	12V	72W	1250	/	/	5000	0,25	78492.00RGB

IP67/IP20









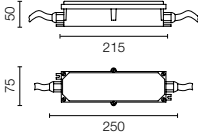
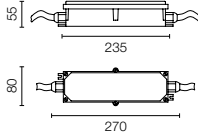
roll ends are equipped with connectors with degree IP20
 fixture available with 5m roll only
 for accessories, see page 368
 DMX512 color controller, see page 368

photometric data recorded on a 1 m stripLED



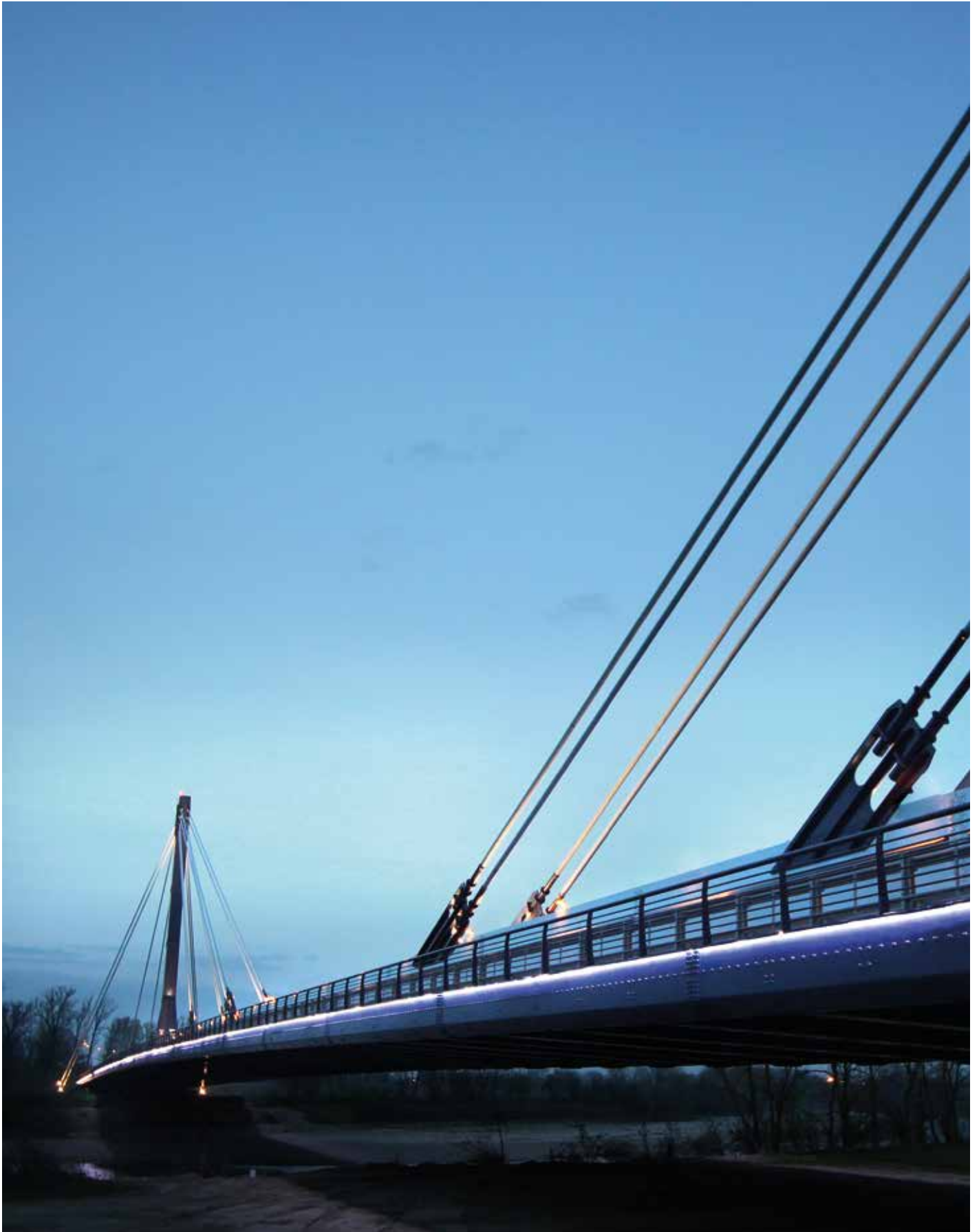
	silicone clips L=12 mm (25 pcs. per pack) code 91216.00		connectors and end caps for Hi-flux and Low-flux versions code 91218.00		joint IP68 for connection code 31893.00
	sealing kit code 91217.00		end caps with holes for RGB version (4 pcs.) code 91219.00		

CONTROL GEARS (24V) HIGH-FLUX AND LOW-FLUX STRIPILED

	electronic ballast 60W power factor corrected 45,5x254xH35,5 mm code 30537.00		electronic ballast 35W power factor corrected 43x185xH30 mm code 30536.00
	electronic ballast 150W power factor corrected 63,5x270xH41 mm code 30539.00		electronic ballast 100W power factor corrected 63,5x270xH41 mm code 30538.00
	dimnable electronic ballast DALI 75W power factor corrected 46x220xH44 mm code 30567.00		dimmable electronic ballast 1-10V 80W power factor corrected 52,5x244xH36 mm code 30566.00
	IP67 electronic ballast 230-240/24 VDC 70 W code 38934.00		IP67 electronic ballast 220-240/24 VDC 150 W code 38935.00
			

CONTROL GEARS (12V) FOR STRIPILED RGB

	electronic ballast 60W power factor corrected 45,5x254xH35,5 mm cod. 30597.00		electronic ballast 35W power factor corrected 43x185xH30 mm code 30596.00		DMX controller 3 channels for Stripled Tube RGB 90W max, 12V code 76527.00
	electronic ballast 150W power factor corrected 63,5x270xH41 mm cod. 30599.00		electronic ballast 100W power factor corrected 63,5x270xH41 mm code 30598.00		amplifier 3 channels for Stripled Tube RGB 180W max, 12V code 76528.00





INOXA

DESIGN: MARTINI STAFF

A frame for the light, which at the same time encloses and releases, a discreet presence with a clear-cut design and essential lines. Inoxa transforms the ceiling into a new wall on which to express the most valuable art of all: light.



DESIGN: MARTINI STAFF



Body

Steel body and base. The frame is fixed at the front by means of four screws, flat glass diffuser with satin finish.

Light sources

Compact fluorescent lamps with 2G11 fitting - 18W, 24W and 36W.

Emissions

Diffuse, thanks to the opal screen.

Power supply

Electromagnetic and electronic power supply in all versions. Also available with 1-hour continuous emergency service lamp.

Accessories

Vandal-proof spanner and screws kit. Satin-finish methacrylate diffuser also available on request.

Colors

Satin grey, anthracite grey or corten finish.



ceiling-mounted fixture

wall-mounted fixture



300x300



Source	Power	Socket	W [kg]	Code
FL TC-L	2x18W	2G11	5.30	76888.68

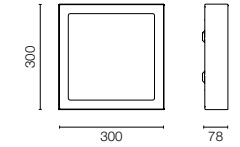
IP54
satin methacrylate diffuser also available on request

Source	Power	Socket	W [kg]	Code
FL TC-L	2x18W	2G11	4.70	76889.68

IP54
satin methacrylate diffuser also available on request

Source	Power	Socket	W [kg]	Code
FL TC-L	18W	2G11	5.00	76890.00

IP54
fixture with glass diffuser and 1 hour emergency unit



400x400



Source	Power	Socket	W [kg]	Code
FL TC-L	2x24W	2G11	7.80	76891.68

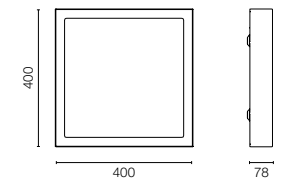
IP54
satin methacrylate diffuser also available on request

Source	Power	Socket	W [kg]	Code
FL TC-L	2x24W	2G11	7.00	76892.68

IP54
satin methacrylate diffuser also available on request

Source	Power	Socket	W [kg]	Code
FL TC-L	2x24 W	2G11	7.80	76893.00

IP54
fixture with glass diffuser and 1 hour emergency unit



500x500



Source	Power	Socket	W [kg]	Code
FL TC-L	3x36 W	2G11	12.00	76894.68

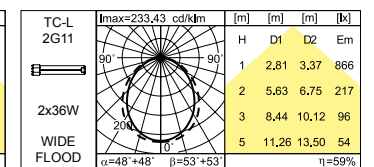
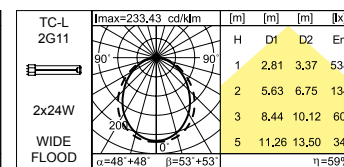
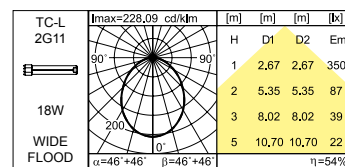
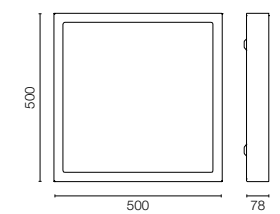
IP54
satin methacrylate diffuser also available on request

Source	Power	Socket	W [kg]	Code
FL TC-L	3x36W	2G11	10.3	76895.68

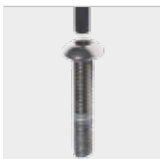
IP54
satin methacrylate diffuser also available on request

Source	Power	Socket	W [kg]	Code
FL TC-L	2x36W	2G11	9.70	76896.00

IP54
fixture with glass diffuser and 1 hour emergency unit




ACCESSORIES



Vandal proof screw kit
code **76898.00**

Spanner for vandal proof screws
code **76899.00**





NOVI 620-450-380

DESIGN: MARCO CASAMONTI, ALESSANDRO PAPOTTI

Italian design is closely linked to post-war industrial development, when practical needs and a taste for the aesthetics start to combine. Novi incarnates this philosophy as few objects manage to, synthesising the taste for essential forms into light, and the great fascination of the object of the past reviewed. All reviewed in a modern key, with bold color matches and unusual mother-of-pearl finishes.





NOVI 620 ALUMINIUM REFLECTOR

Novi 620/450/380 is a series of versatile and highly appealing pendants, created for the illumination of the most diverse environments.

The extensive range can be used to create three different types of emission: diffused (using parabolic

glass), direct (using an aluminium reflector) and direct-indirect (using a glass-aluminium reflector).

The fixture is suitable for application in many different lighting schemes, thanks to its subtle design and the great variety of wiring options available.



NOVI 450 GLASS-ALUMINIUM
REFLECTOR



NOVI 380 GLASS DIFFUSER

DESIGN: MARCO CASAMONTI, ALESSANDRO PAPOTTI



RESIDENTIAL



URBAN



Body

Finned die-cast aluminium wiring body, aluminium or aluminium-glass reflectors.

Sources

E40 attachment for 250W and 400W metal halide lamps. QT-15 150W halogen support lamp, compact TC-TE 18W fluorescent emergency lamp.

Emissions

Semi-diffuse with indirect component on glass-aluminium versions; direct in the version with aluminium parabolic optic only.

Power supply

Electronic control gear units (for fluorescent) and electromagnetic (for metal halide) inserted into the upper part of the appliance. The models are also available in the version configured for emergency operation. Models with support lamp are also available for products mounting metal halide lamp.

Colors

Satin grey, anthracite grey or corten finish.



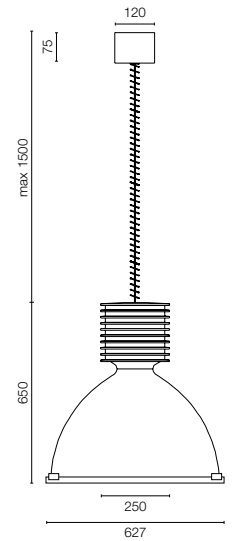
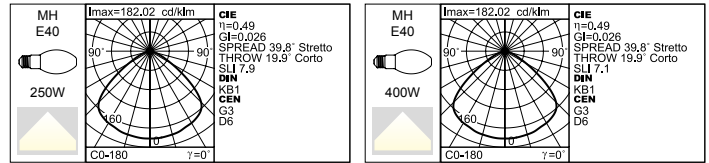
simplified maintenance

ALUMINIUM REFLECTOR



Source	Power	Socket	W [kg]	Code
MH	250W	E40	12.9	52350. _
MH	400W	E40	13.3	52355. _

IP65
 installed lamps must be: 250W/3A and 400W/3.25A

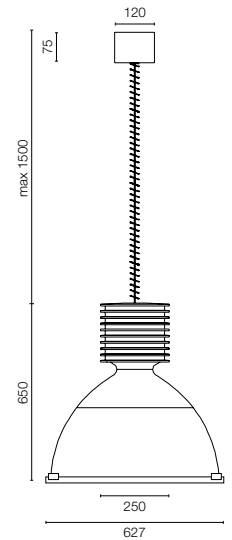
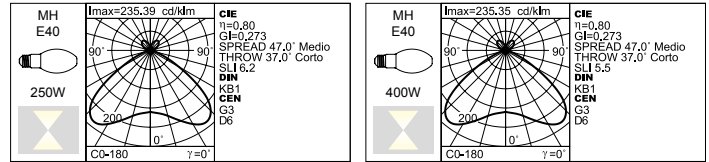


GLASS/ALUMINIUM REFLECTOR



Source	Power	Socket	W [kg]	Code
MH	250W	E40	17.9	52320. _
MH	400W	E40	18.3	52325. _

IP65
 installed lamps must be: 250W/3A and 400W/3.25A



DESIGN: MARCO CASAMONTI, ALESSANDRO PAPOTTI



Body

Finned die-cast aluminium wiring body, aluminium or aluminium-glass reflectors.

Sources

Metal halide lamps with G12 attachment, halogen lamps with E27 or B15d attachment, compact fluorescent lamps with GX24q-4 or GX24q-2 attachment.

Emissions

Semi-diffuse with indirect component on glass-aluminium versions; direct in the version with aluminium parabolic optic only.

Power supply

Electronic control gear units (for fluorescent) and electromagnetic (for metal halide) inserted into the upper part of the appliance. The models are also available in the version configured for emergency operation. Models with support lamp are also available for products mounting metal halide lamp.

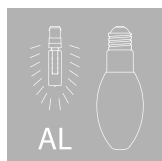
Colors

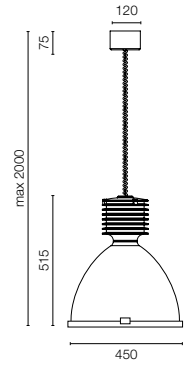
Satin grey, anthracite grey or corten finish.

simplified maintenance



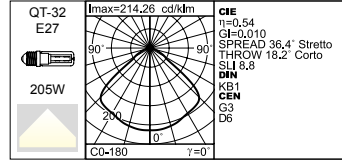
pre-ignition with support lamp





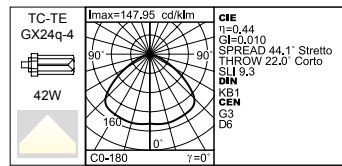
Source	Power	Socket	W [kg]	Code
AL QT-32	205W	E27	6.80	52390. __

IP65



Source	Power	Socket	W [kg]	Code
FL TC-TE	42W	GX24q-4	6.50	52393. __

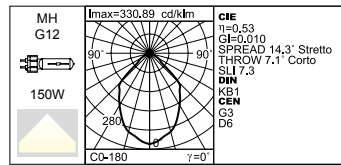
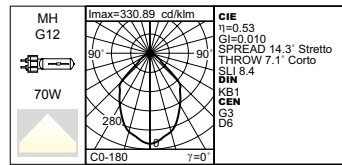
IP65



Source	Power	Socket	W [kg]	Code
MH	70W	G12	7.40	52395. __
MH	150W	G12	7.70	52397. __
MH	150W	G12	7.80	52400. __
AL QT-15 *	100W	B15d		

IP65

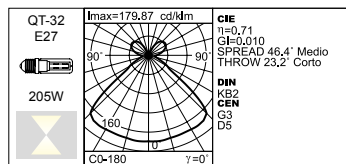
*support lamp





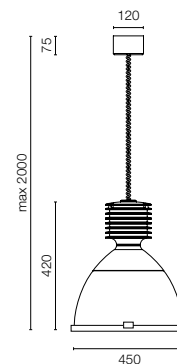
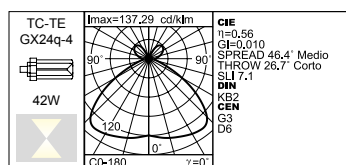
Source	Power	Socket	W [kg]	Code
AL QT-32	205W	E27	6.00	52420. __

IP65



Source	Power	Socket	W [kg]	Code
FL TC-TE	42W	GX24q-4	6.30	52423. __

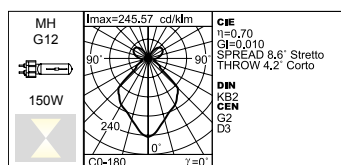
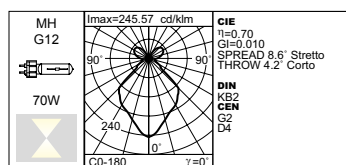
IP65

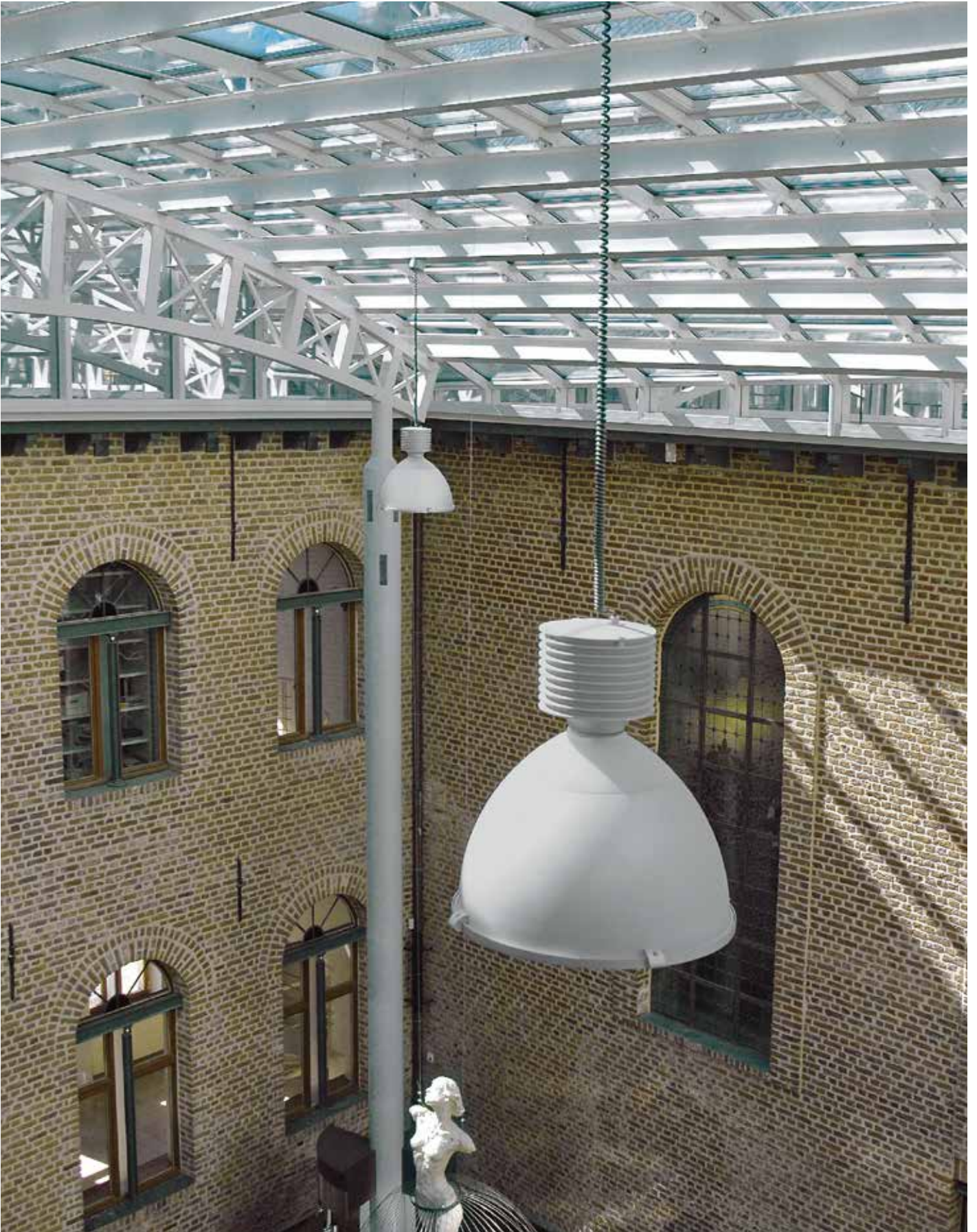


Source	Power	Socket	W [kg]	Code
MH	70W	G12	7.80	52425. __
MH	150W	G12	8.00	52427. __
MH	150W	G12	8.20	52430. __
AL QT-15 *	100W	B15d		

IP65

*support lamp





DESIGN: MARCO CASAMONTI, ALESSANDRO PAPOTTI



Body

Finned die-cast aluminium wiring body, aluminium, aluminium-glass or glass reflectors.

Sources

Metal halide lamps with G12 attachment, halogen lamps with E27 or B15d attachment, compact fluorescent lamps with GX24q-4 or GX24q-2 attachment.

Emissions

Semi-diffuse with indirect component on glass-aluminium versions; direct in the version with aluminium parabolic optic and diffuse on versions with glass alone.

Power supply

Electronic control gear units (for fluorescent) and electromagnetic (for metal halide) inserted into the upper part of the appliance. The models are also available in the version configured for emergency operation. Models with support lamp are also available for products mounting metal halide lamp.

Colors

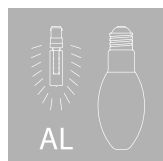
Satin grey, anthracite grey or corten finish.



simplified maintenance

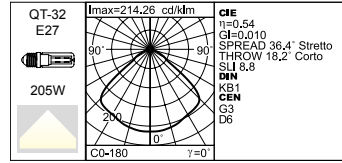


pre-ignition with support lamp

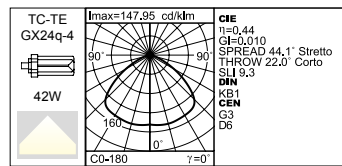




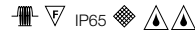
Source	Power	Socket	W [kg]	Code
AL QT-32	205W	E27	7.20	52240. __



Source	Power	Socket	W [kg]	Code
FL TC-TE	42W	GX24q-4	7.40	52250. __



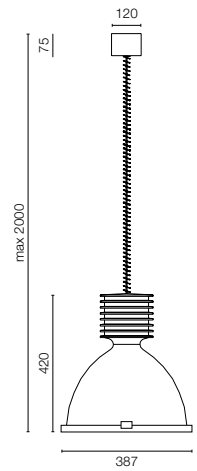
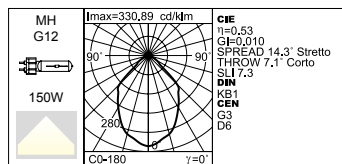
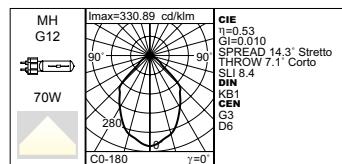
Source	Power	Socket	W [kg]	Code
MH	70W	G12	8.90	52255. __
MH	150W	G12	9.10	52260. __



Source	Power	Socket	W [kg]	Code
MH	70W	G12	8.90	52265. __
AL QT-15 *	100W	B15d		
MH	150W	G12	9.10	52270. __
AL QT-15 *	100W	B15d		



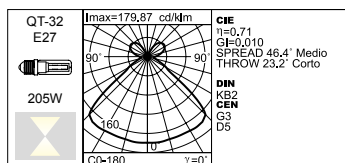
*support lamp





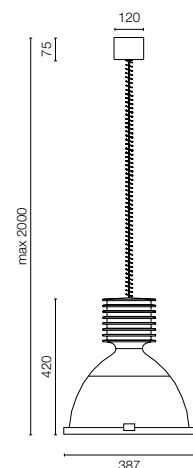
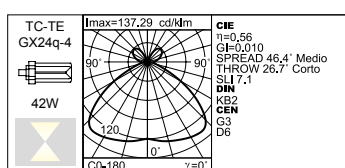
Source	Power	Socket	W [kg]	Code
AL QT-32	205W	E27	7.20	52280. __

IP65



Source	Power	Socket	W [kg]	Code
FL TC-TE	42W	GX24q-4	7.40	52290. __

IP65



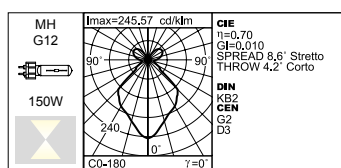
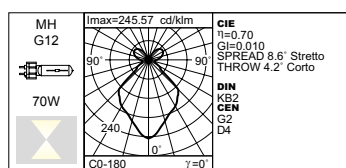
Source	Power	Socket	W [kg]	Code
MH	70W	G12	8.90	52295. __
MH	150W	G12	9.10	52300. __

IP65

Source	Power	Socket	W [kg]	Code
MH	70W	G12	8.90	52305. __
AL QT-15 *	100W	B15d		
MH	150W	G12	9.10	52310. __
AL QT-15 *	100W	B15d		

IP65

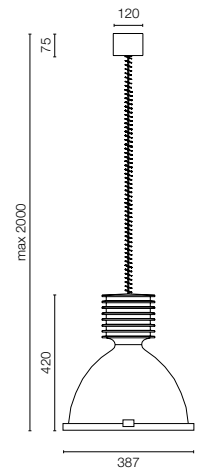
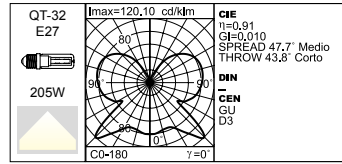
*support lamp





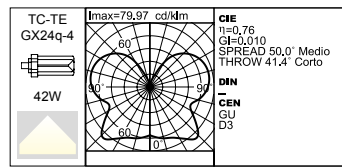
Source	Power	Socket	W [kg]	Code
AL QT-32	205W	E27	7.20	52200. __

IP65



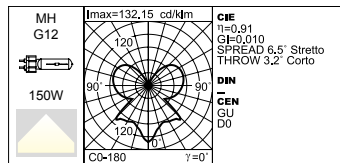
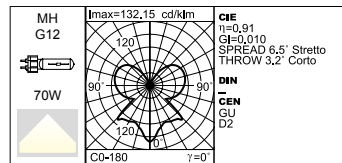
Source	Power	Socket	W [kg]	Code
FL TC-TE	42W	GX24q-4	7.40	52210. __

IP65



Source	Power	Socket	W [kg]	Code
MH	70W	G12	8.90	52215. __
MH	150W	G12	9.10	52220. __

IP65





VILGI ACTIVE CLASS





LEAN

DESIGN: MARTINI STAFF

Lean was designed to accept a challenge that is faced every day in the world of lighting: to combine technological accuracy with Italian aesthetic creativity.





Body

Die-cast aluminium body with 500mm diameter, optic unit composed of a plate whereon LEDs are mounted, closed by an extra-clear tempered glass and a die-cast aluminium bezel.

Light sources

36 or 72 white LEDs in Warm white (3000K), Neutral white (4400K) colour temperature for a power respectively of 90W or 130W.

Emissions

Street optic.

Power supply

Integrated electronic control gear.

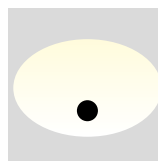
Accessories

Wall attachment, pole-top, single or double horizontal arms of various lengths, vertical arm.

Colors

Anthracite grey finish.

road optic



pressure balancing valve



Street optic

The street optic has been designed so as to concentrate most of the light it produces onto the road surface below, meaning that fewer installations are required and thus limiting maintenance and electricity costs.

The optic system can be used to achieve high and uniform luminance on the road while limiting glare.



36 LED 90W						
H	B	I	Lm	U _o	UL	TI
7,00	7,00	25,9	0,80	0,40	0,65	10

Illumination class: ME4a



72 LED 130W						
H	B	I	Lm	U _o	UL	TI
8,00	8,00	29,6	1,01	0,40	0,65	10

Illumination class: ME3b



Road surface C2, $q_0=0.070$

H= fixture height [m]

B = road width [m]

I= distance between poles [m]

Lm= average maintained luminance [cd/m^2]

U_o= general uniformity of luminance

UL= longitudinal uniformity of luminance

TI= physiological glare index [%]

Em= average illuminance [lx]

Emin= minimum illuminance [lx]

Surge protection

LED technology devices and the accessories to make it work are much more sensitive to overvoltage phenomena than those with traditional technology. It is therefore important to prevent damage caused by plant engineering and atmospheric surges, endowing the implantation of devices sized and designed for its proper protection. As a further guarantee of durability for its products, Martini, upon request, provides a Lean version in Class I with integrated surge protection up to 10 KV.

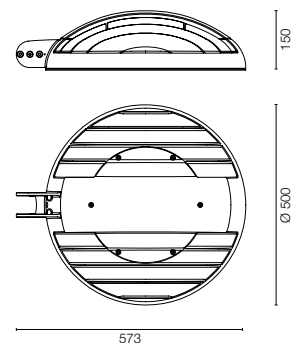
LEAN 36



Source	Power	Color temperature [K]	Optic	W [Kg]	Code
36 LED	90W	4000	street optic	12,5	80060.86NW
36 LED	90W	3000	street optic	12,5	80060.86WW

0,07 m²

Class I fixture with built-in surge protection up to 10KV available upon request
 for arms, see page 395
 for pole, see page 540



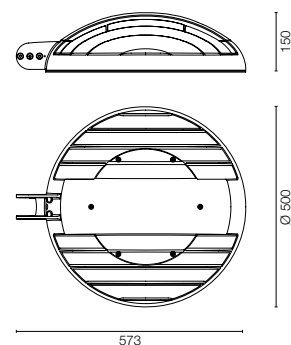
LEAN 72



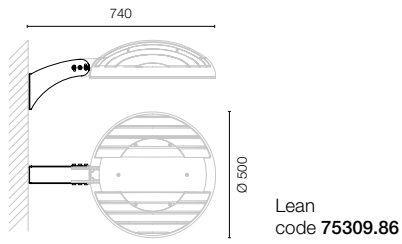
Source	Power	Color temperature [K]	Optic	W [Kg]	Code
72 LED	130W	4000	street optic	12,5	80062.86NW
72 LED	130W	3000	street optic	12,5	80062.86WW

0,07 m²

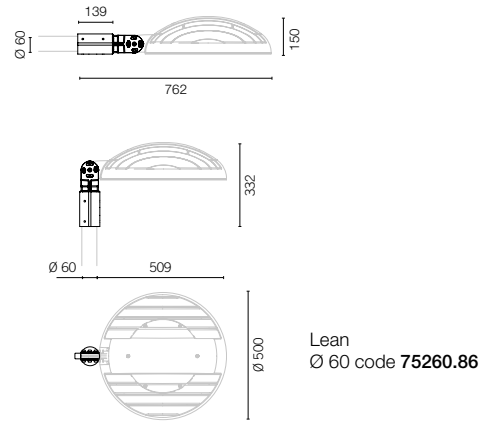
Class I fixture with built-in surge protection up to 10KV available upon request
 for arms, see page 395
 for pole, see page 540



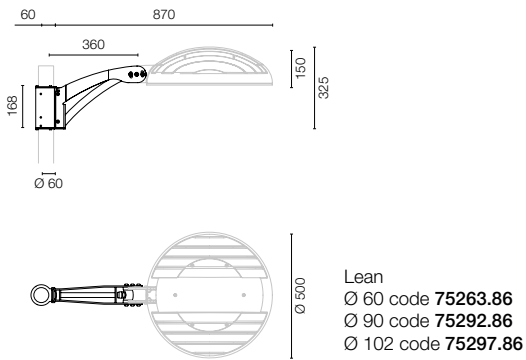
WALL MOUNTING



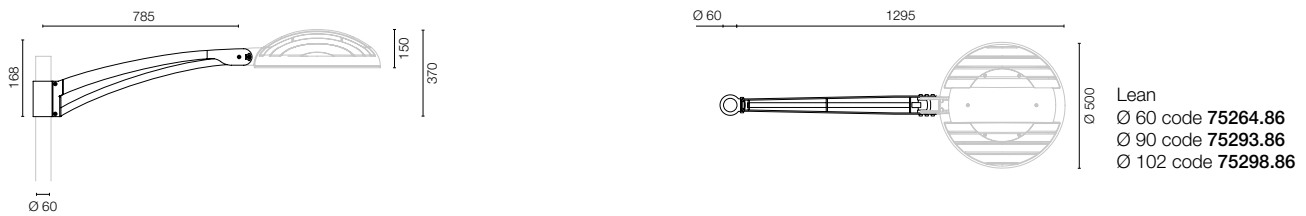
POLE HEAD



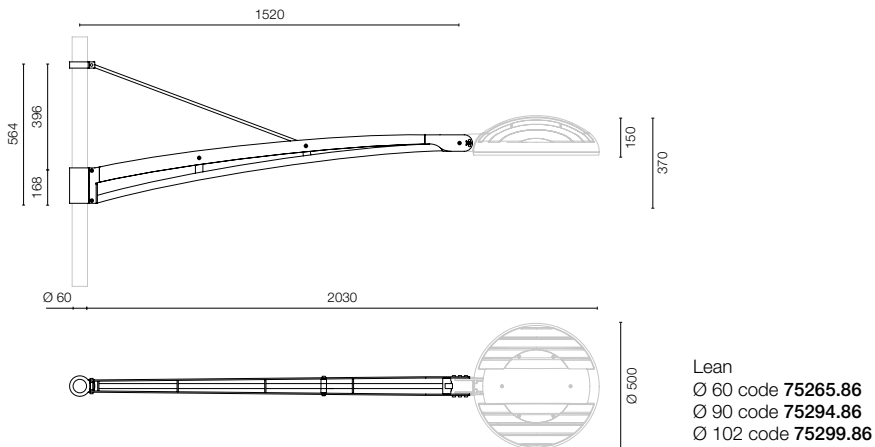
360 ARM



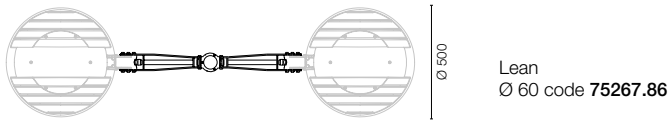
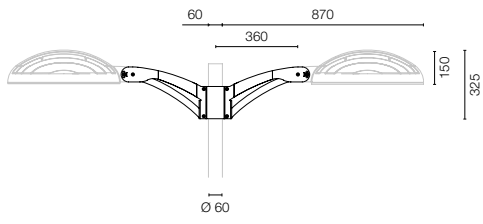
785 ARM



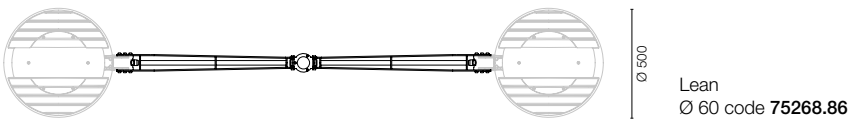
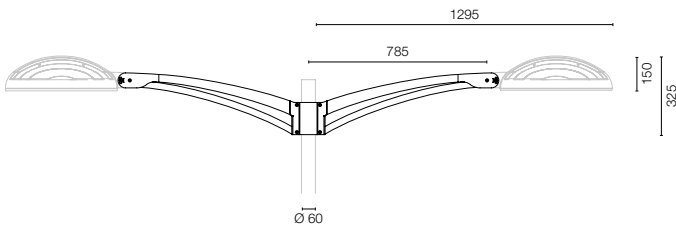
1520 ARM



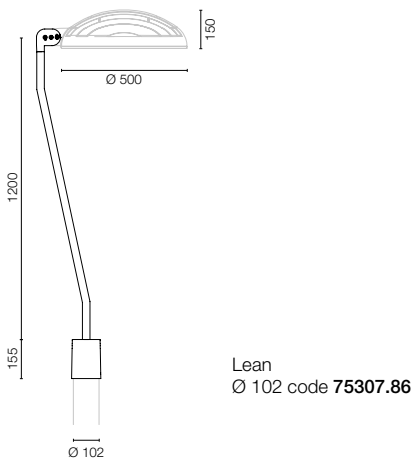
360 DOUBLE ARM



785 DOUBLE ARM



VERTICAL ARM







STILIS

DESIGN: MARTINI STAFF

Road lighting has always been considered a strictly technical gesture with no artistic or formal expression. Stilis instead seeks to upturn this conception with its beautiful, functional aesthetics, all devoted to its LED technological heart, which tells us of ever-active research in the field not only of technology but also of materials and their manufacture.





Body

Pressure cast aluminium body with a diameter of 500mm and 340mm with rear fins to dispel heat to which a pressure cast aluminium frame and cap are applied; optic unit consists of a system of supports onto which the LEDs are mounted, closed by a moulded PMMA screen 3mm thick and attached to the head by means of a pressure cast frame and stainless steel screws. Available in cable-suspended version.

Light sources

Stilis 500: 36, 72 or 108 white LEDs in the colour Warm White (3000K), Neutral White (4400K) or Cool White (5000K), for a power respectively of 50W, 84W or 112W. Cable-suspended version with 36 White LEDs in the color Warm White (3000K), Neutral White (4400K) or Cool White (5000K), for a dissipated power of 50W. Stilis 340: 22 or 44 white LEDs in the colour Warm White (3000K), Neutral White (4400K) or Cool White (5000K), for a power respectively of 23W or 46W.

Emissions

Street and sidewalk emission.

Power supply

Integrated electronic control gear.

Accessories

Wireless programmer palmtop, wall attachment, pole-top, single or double horizontal arms of various lengths, vertical arm.

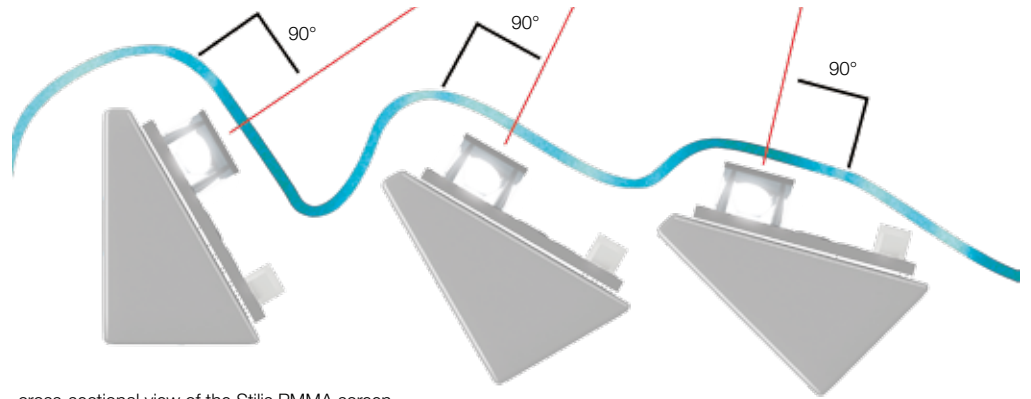
Colors

Powder coating available in white, satin-finish grey, anthracite grey and corten finish.



Design and efficiency

The geometric structure of the screen conforms to the direction of the LEDs so that it is always perpendicular to the incident light, thereby minimising loss of light due to refraction. The PMMA screen surface that diffuses the LED light beams has an ice-like appearance to ensure uniform illumination of the road surface (without luminous points) and conformity to the CEI EN 62471 standard regarding photobiological safety. The Class IP66 sealing of the above-mentioned components is guaranteed by silicone gaskets inserted into the profiles.



cross-sectional view of the Stilis PMMA screen

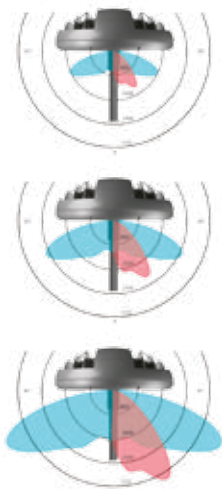


36, 72, 108 LED

Each of the 36 supports can house 1, 2 or 3 LEDs, therefore the product comes in either the 36, 72, or 108-LED version. The LEDs are arranged around the fixture external perimeter so as to use up the entire available surface and reduce the temperature on the LEDs to a minimum. The diffuser screen consists of a 3mm thick PMMA structure that can withstand Class IK08 mechanical shocks.

22, 44 LED

Each of the 22 supports can house 1 or 2 LEDs, therefore the product comes in either the 22 or 44-LED version. The LEDs are arranged around the fixture external perimeter so as to use up the entire available surface and reduce the temperature on the LEDs to a minimum. The diffuser screen consists of a 3 mm thick PMMA structure that can withstand Class IK08 mechanical shocks.



Programming the curves (Stilis 500 only)

The fixture's electronic control system (driver) can be configured to adapt the current to the LEDs, which may operate from 350 mA to 700 mA, depending on the model. Power is supplied to the LEDs through 3/6/9 independent channels (depending on the model) grouped according to the type of area to be illuminated. As a result, each LED group can be powered with different current levels so as to customise the light

distribution according to the distance between fixtures and the desired luminance levels. The 3/6/9 independent channels have a LED circuit configuration based on SERIES wiring, in order to avoid current imbalances in the various branches. The fixture's internal electronic system is able to automatically calculate when midnight falls, so that it can self-adjust in any time-zone condition.

The programming (Stilis 500 only)

This function allows to use the fixture in the "ENERGY SAVING" mode. According to the chosen profile (which is internally memorised), the fixture is able to reduce automatically the light flow for the road specific requirements.

It is also available as an option the possibility to arrange the Stilis fixture with a PLC device (Power Line Communication) which allows the control directly from the electrical cabinet. The product complies with the relevant light pollution regulations as it has 0 emission beyond 90 degrees.



100% programmed power



70% programmed power



40% programmed power



Wireless programming (Stilis 500 only)

The architecture of the electronic structure of the Driver and the product's control section can be simply upgraded and reprogrammed for use with future generation LEDs.

The product is able to memorise the settings concerning the operating profiles and all configuration parameters relative to the LED operating currents (standard feature). The fixture is configured (standard feature) for connection through a Wireless system with a PALMTOP touch-screen computer (available as an accessory), for modifying all the settings according to the user's own requirements.

Surge protection (Stilis 500 only)

LED technology devices and the accessories to make it work are much more sensitive to overvoltage phenomena than those with traditional technology.

It is therefore important to prevent damage caused by plant engineering and atmospheric surges, endowing the implantation of devices sized and designed for its proper protection.

As a further guarantee of durability for its products, Martini, upon request, provides a Stilis 500 version in Class I with integrated surge protection up to 10 KV.

Example of night cycle programming



Programme P-1

The intensity of the traffic and the natural light conditions necessitate maximum power output.

Programme P-2

The substantially reduced traffic intensity means that no more than 60% of the maximum available power is necessary.

Programme P-3

As natural light levels and traffic intensity increase, no more than 80% of the maximum available power is necessary.

T

Time necessary to reach required power output (1 hour).

SIDEWALK 340

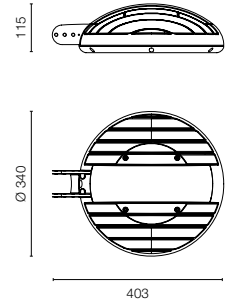
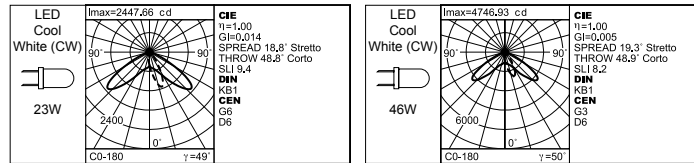
11 68 79 86



Source	Power	Color temperature [K]	CRI	Optic	W [Kg]	Code
22 LED	23W	5000	>75	sidewalk	6,00	79928._CW
22 LED	23W	4400	>75	sidewalk	6,00	79928._NW
22 LED	23W	3000	>80	sidewalk	6,00	79928._WW
44 LED	46W	5000	>75	sidewalk	6,00	79929._CW
44 LED	46W	4400	>75	sidewalk	6,00	79929._NW
44 LED	46W	3000	>80	sidewalk	6,00	79929._WW

IP66 0,04 m²

for arms, see page 406
for poles, see page 540



STREET OPTIC 500

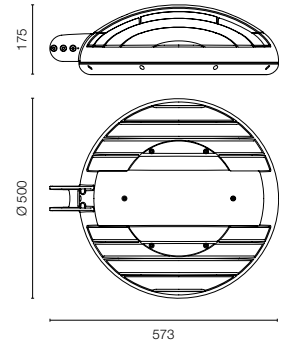
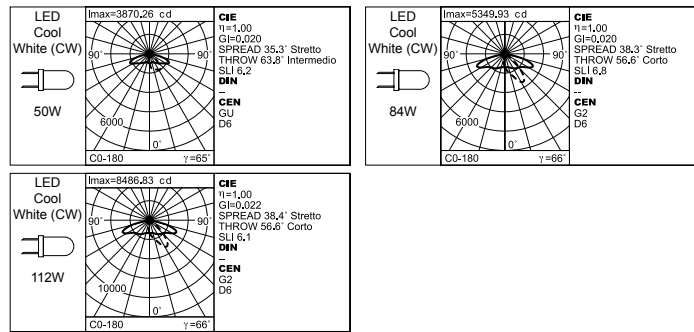


Source	Power	Color temperature [K]	CRI	Optic	W [Kg]	Code
36 LED	50W	5000	>75	street optic	15,0	79920._CW
36 LED	50W	4400	>75	street optic	15,0	79920._NW
36 LED	50W	3000	>80	street optic	15,0	79920._WW
72 LED	84W	5000	>75	street optic	15,0	79921._CW
72 LED	84W	4400	>75	street optic	15,0	79921._NW
72 LED	84W	3000	>80	street optic	15,0	79921._WW
108 LED	112W	5000	>75	street optic	15,0	79922._CW
108 LED	112W	4400	>75	street optic	15,0	79922._NW
108 LED	112W	3000	>80	street optic	15,0	79922._WW

IP66 0,08 m²

Class I fixture with built-in surge protection up to 10KV available upon request

for arms, see page 406
for poles, see page 540



SUSPENDED 500

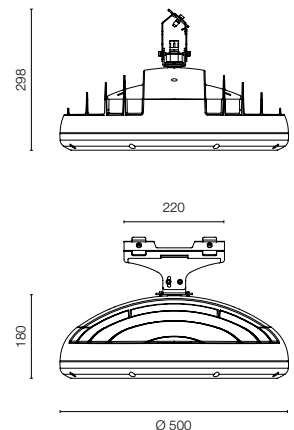
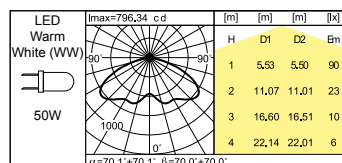


Source	Power	Color temperature [K]	CRI	Optic	W [Kg]	Code
36 LED	50W	5000	>75	roto-symmetrical	15,0	79926._CW
36 LED	50W	4400	>75	roto-symmetrical	15,0	79926._NW
36 LED	50W	3000	>80	roto-symmetrical	15,0	79926._WW

IP66 0,08 m²

Class I fixture with built-in surge protection up to 10KV available upon request

suspended cable diameter ranging from 5 to 12 mm







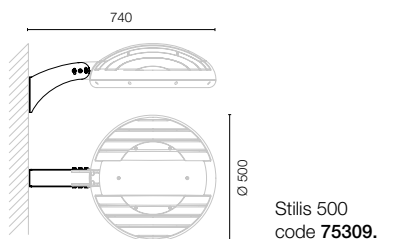
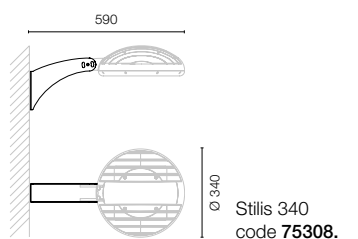
WIRELESS CONTROLLER (STILIS 500 ONLY)



touch-screen
palmtop computer
with software for
customized settings
code **76497.00**

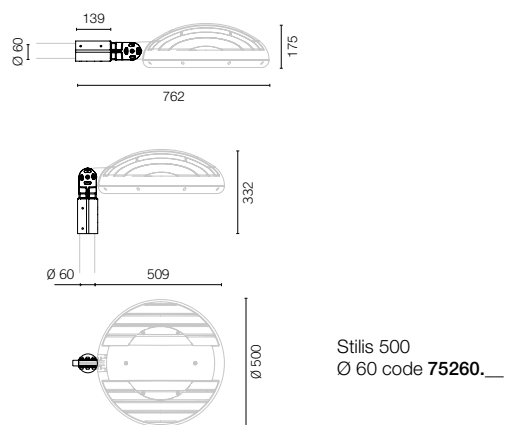
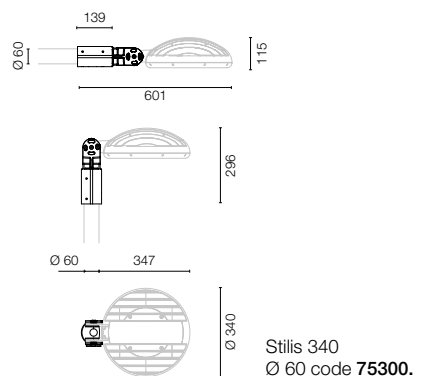
WALL MOUNTING

11 68 79 86

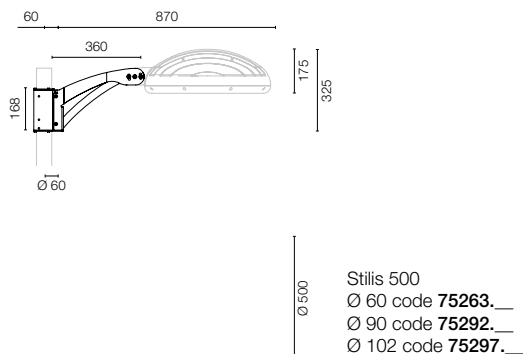
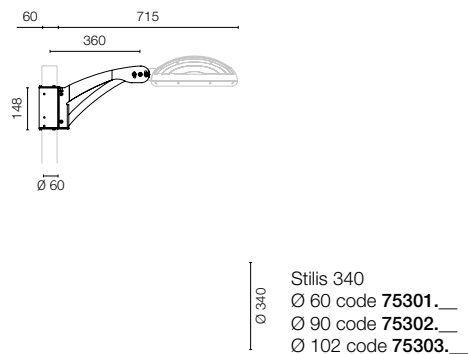


POLE HEAD

68 79 86

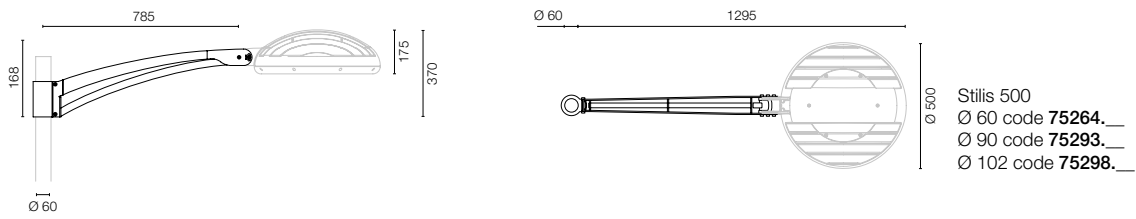


360 ARM

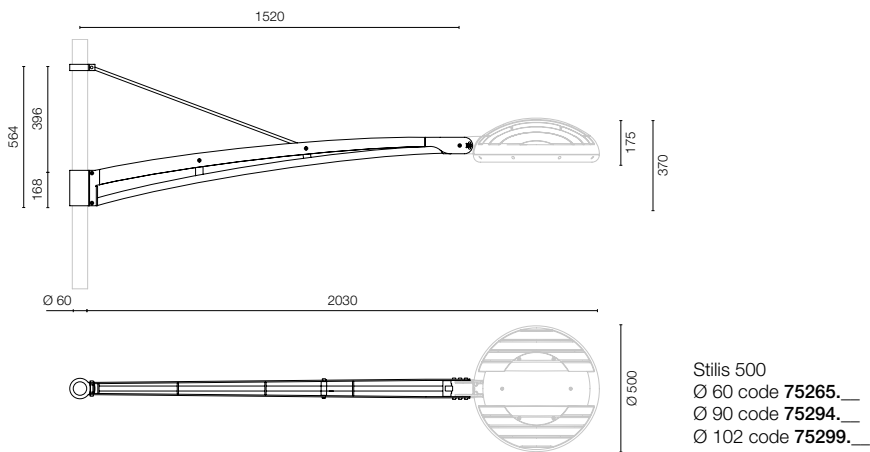


68 79 86

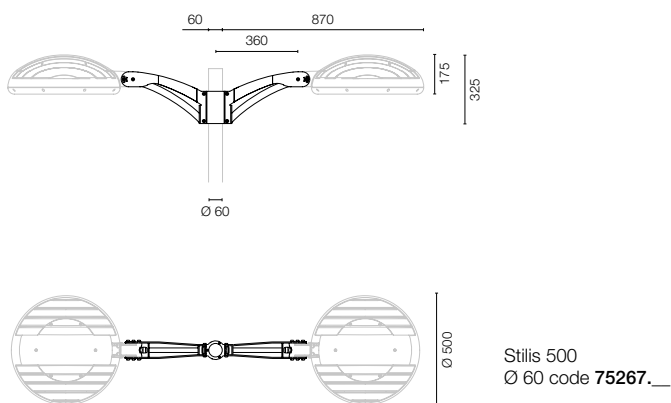
785 ARM



1520 ARM

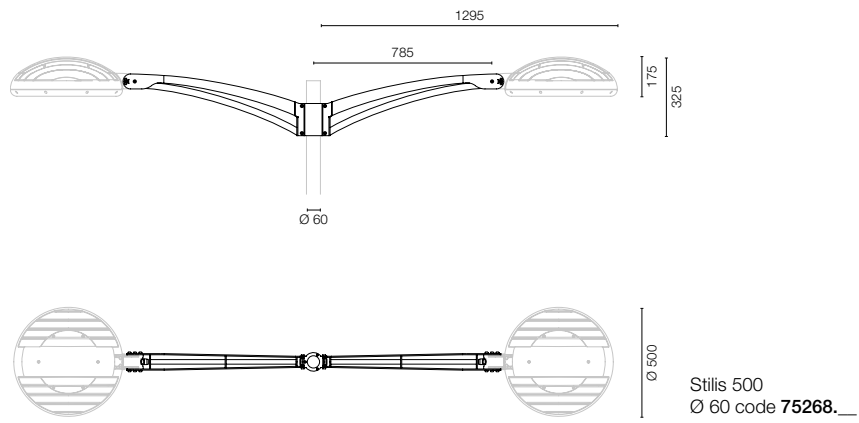


360 DOUBLE ARM

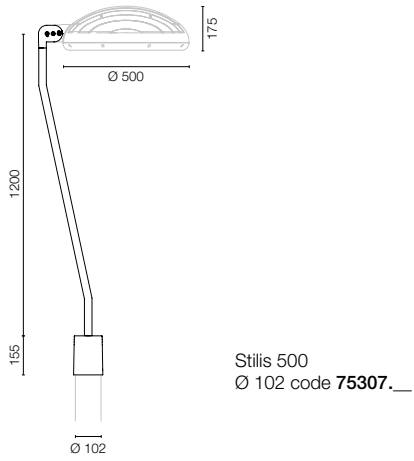


68 79 86

785 DOUBLE ARM



VERTICAL ARM







DEMI

DESIGN: LAPO GRASELLINI

As a compromise between performance and design, Demi combines the two halves of the same apple: it meets both functional and rigorous criteria without forgetting aesthetic requirements. Without missing anything important.

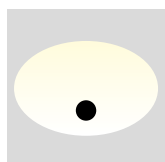


DESIGN: LAPO GRASSELLINI

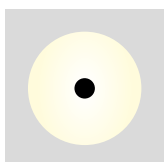


The result of research into aesthetics and technological innovation, Demi has a classic and elegant shape but is also equipped with the very best technical components.

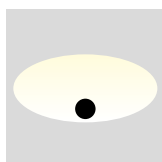
It is available with many types of arm and three different optics: street, roto-symmetrical and sidewalk. Demi is the perfect solution to the many requirements of street and urban lighting.



road optic



roto-symmetrical optic



sidewalk optic



Types of optic



MH-T 70 W E27				
H	B	I	Em	Emin
4.00	4.00	18.50	20	5

Sidewalk optic

The sidewalk optic is ideal for pedestrian walkways and cycle paths, and can be combined with the street optic without interfering with road traffic; the optic system also helps to save energy by increasing spacing distances.

Illumination class: S1



SHP-T 250 W E40						
H	B	I	Lm	Uo	UL	TI
10.00	10.00	37.00	1.2	0.4	0.7	10

Street optic

The street optic has been designed so as to concentrate most of the light it produces onto the road surface below, meaning that fewer installations are required and thus limiting maintenance and electricity costs.

The optic system can be used to achieve high and uniform luminance on the road while limiting glare.

Illumination class: ME3a



Road surface C2, $q_0=0.070$

H= fixture height [m]

B = road width [m]

I= distance between poles [m]

Lm= average maintained luminance [cd/m^2]

Uo= general uniformity of luminance

UL= longitudinal uniformity of luminance

TI= physiological glare index [%]

Em= average illuminance [lx]

Emin= minimum illuminance [lx]

Installation examples



bilateral alternate layout



unilateral street and cycle path/
pedestrian layout

**Body**

Sheet aluminium cover, die-cast aluminium ring and body, tempered flat glass, and aluminium optic. The optical assembly can be opened from the bottom, by loosening two stainless steel screws.

Light sources

Metal halide and high-pressure sodium lamps (70W to 250W). The roto-symmetric version mounts a 35W to 100W metal halide lamp with G12 fitting.

Emissions

Available in street, roto-symmetric and sidewalk versions.

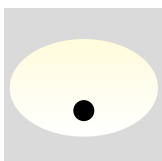
Power supply

Integrated electromagnetic control gear with PFC capacitor.

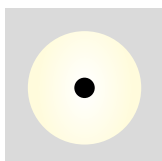
Colors

Satin grey, anthracite grey or corten finish.

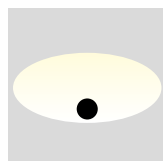
road optic



rotosymmetrical optic



sidewalk optic



pressure balancing valve



Fixture installation and maintenance

The simplicity of the fixture and its components means installation and lamp replacement procedures can be safely performed by a single operator.



Hooking the fixture onto the pole attachment using a fall-prevention system, for subsequent securing by means of stainless steel screws; adjusting the head on the horizontal axis.



Opening the optical assembly using two stainless steel screws; cutting off the electricity supply using a mechanical disconnection switch.



Releasing the parabolic optic hinged to the ring; easy lamp replacement.

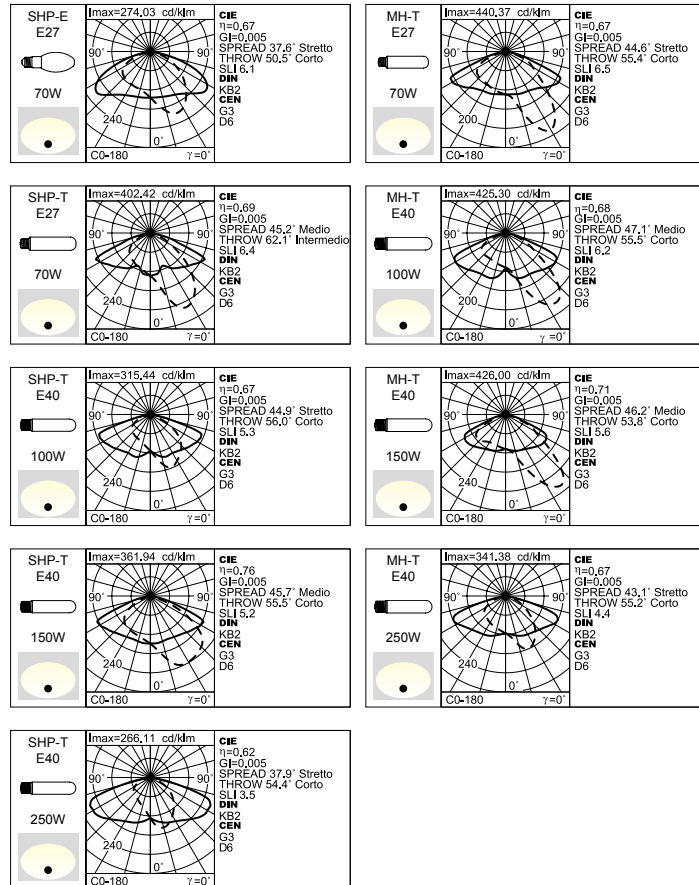
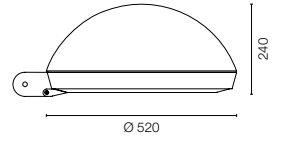




Source	Power	Socket	W [kg]	Code
SHP-E	70W	E27	11.0	75238. __
MH-T / SHP-T	70W	E27	11.0	75239. __
MH-T / SHP-T	100W	E40	11.5	75240. __
MH-T / SHP-T	150W	E40	12.0	75241. __
MH-T	250W	E40	12.5	75242. __
SHP-T	250W	E40	12.5	75243. __

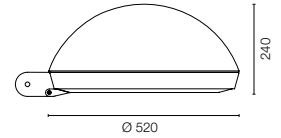
IP66 0,10 m²

street optic



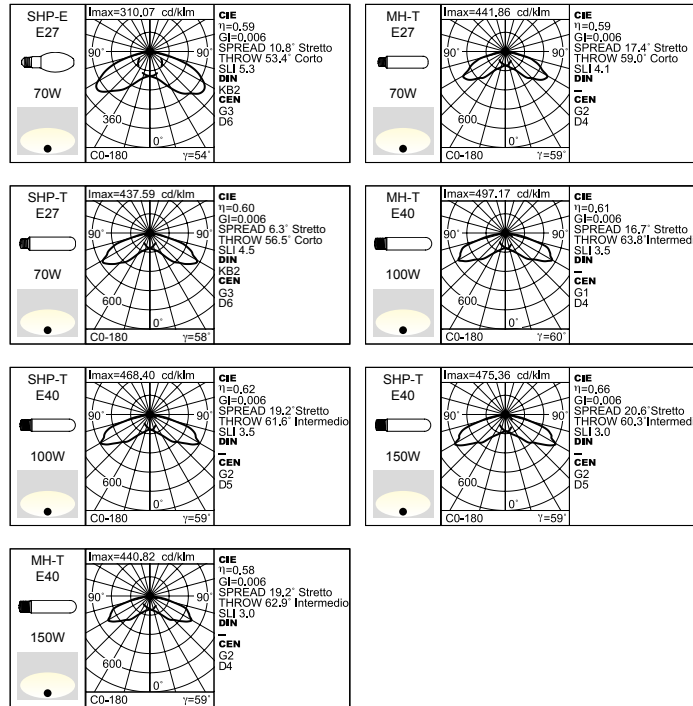


Source	Power	Socket	W [kg]	Code
SHP-E	70W	E27	11.0	75248. _
MH-T / SHP-T	70W	E27	11.0	75249. _
MH-T / SHP-T	100W	E40	11.5	75250. _
MH-T / SHP-T	150 W	E40	12.0	75251. _



☒ IP66 0.10 m²

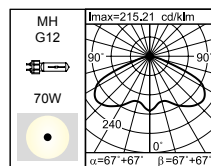
sidewalk optic



Source	Power	Socket	W [kg]	Code
MH	35W	G12	11.0	75254. _
MH	70W	G12	11.0	75255. _
MH	100W	G12	12.0	75256. _

☒ IP66 0.10 m²

rotosymmetrical optic

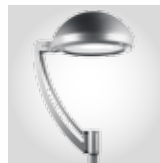




Attachments for poles with diameter of 60 - 90 - 102 mm



Pole-top



Vertical arm

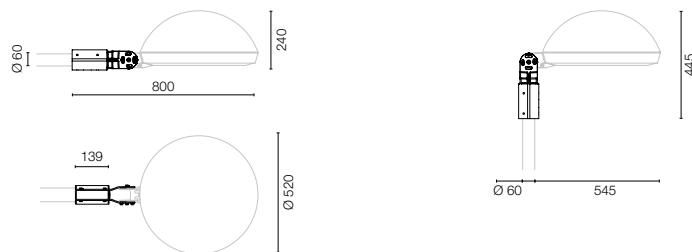


Arm 360

For information on ordering poles, see page 540

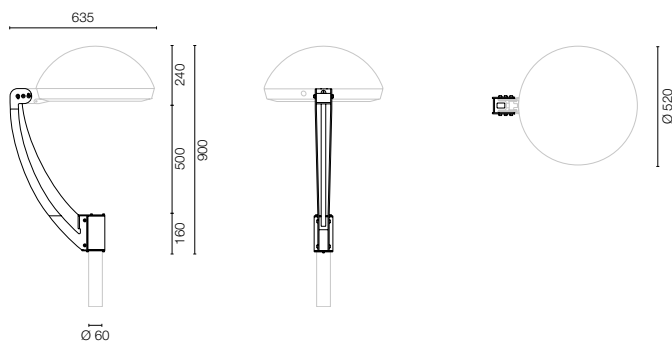
Attachment size [mm]	Code	Pole-top
----------------------	------	----------

Ø 60 75260. __



Attachment size [mm]	Code	Vertical arm
----------------------	------	--------------

Ø 60 75266. __



Ø 90 75291. __

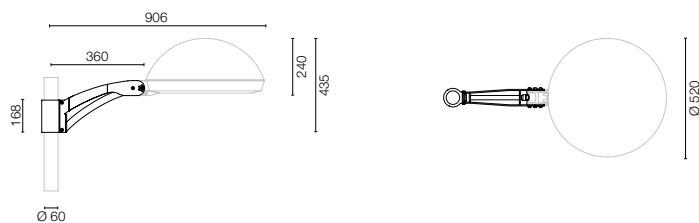
Ø 102 75296. __

Attachment size [mm]	Code	Arm 360
----------------------	------	---------

Ø 60 75263. __

Ø 90 75292. __

Ø 102 75297. __



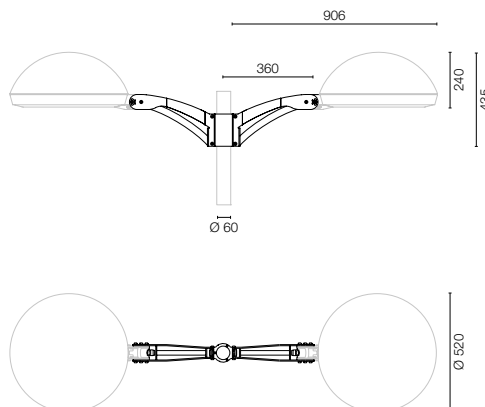
Attachment size [mm]	Code	Arm 785
Ø 60	75264.____	
Ø 90	75293.____	
Ø 102	75298.____	

Attachment size [mm]	Code	Arm 1520
Ø 60	75265.____	
Ø 90	75294.____	
Ø 102	75299.____	

68 86 79

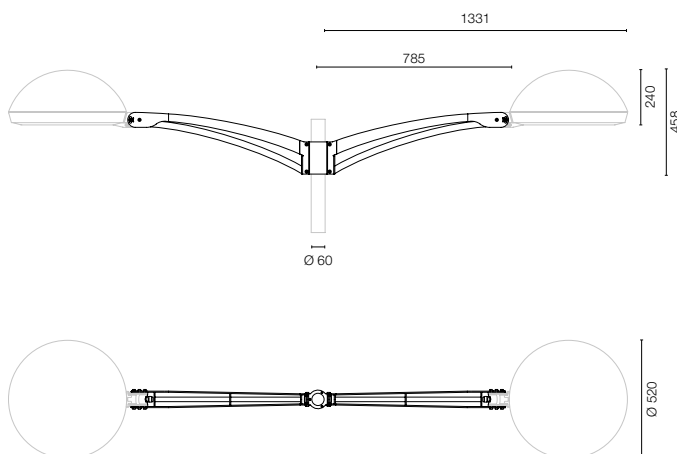
Attachment size [mm]	Code	Arm 360 double
----------------------	------	----------------

Ø 60 75267. _



Attachment size [mm]	Code	Arm 785 double
----------------------	------	----------------

Ø 60 75268. _





BELL/TWIN4

DESIGN: STUDIO ARCHEA

Ecological behaviour also includes energy saving on light sources. Bell casts new light on the city, which does not end with functional language, but rather exalts and describes the urban environment without neglecting the aesthetic aspects.



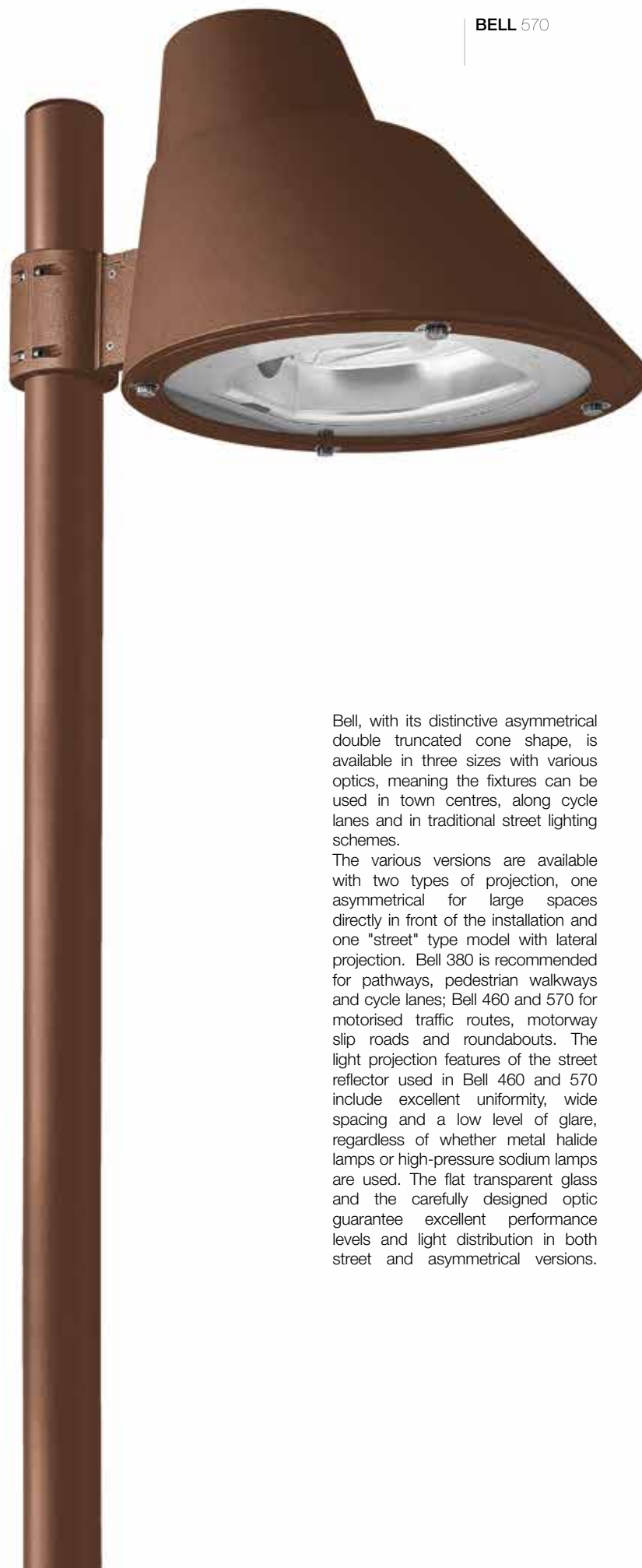


BELL 460



BELL 380





BELL 570

Bell, with its distinctive asymmetrical double truncated cone shape, is available in three sizes with various optics, meaning the fixtures can be used in town centres, along cycle lanes and in traditional street lighting schemes.

The various versions are available with two types of projection, one asymmetrical for large spaces directly in front of the installation and one "street" type model with lateral projection. Bell 380 is recommended for pathways, pedestrian walkways and cycle lanes; Bell 460 and 570 for motorised traffic routes, motorway slip roads and roundabouts. The light projection features of the street reflector used in Bell 460 and 570 include excellent uniformity, wide spacing and a low level of glare, regardless of whether metal halide lamps or high-pressure sodium lamps are used. The flat transparent glass and the carefully designed optic guarantee excellent performance levels and light distribution in both street and asymmetrical versions.

Types of optic



MH 70 W RX7s				
H	B	I	Em	Emin
5.00	8.00	14.00	20	5

Asymmetrical optic

Frontal projection for large spaces. Where this optic is used, fixtures can be installed around the perimeter of the area to be illuminated.
Illumination class: S1



MH 70W RX7s				
H	B	I	Em	Emin
4,00	4,00	17,50	22	5

Sidewalk optic

The sidewalk optic is ideal for pedestrian walkways and cycle paths, and can be combined with the street optic without interfering with road traffic; the optic system also helps to save energy by increasing spacing distances.
Illumination class: S1



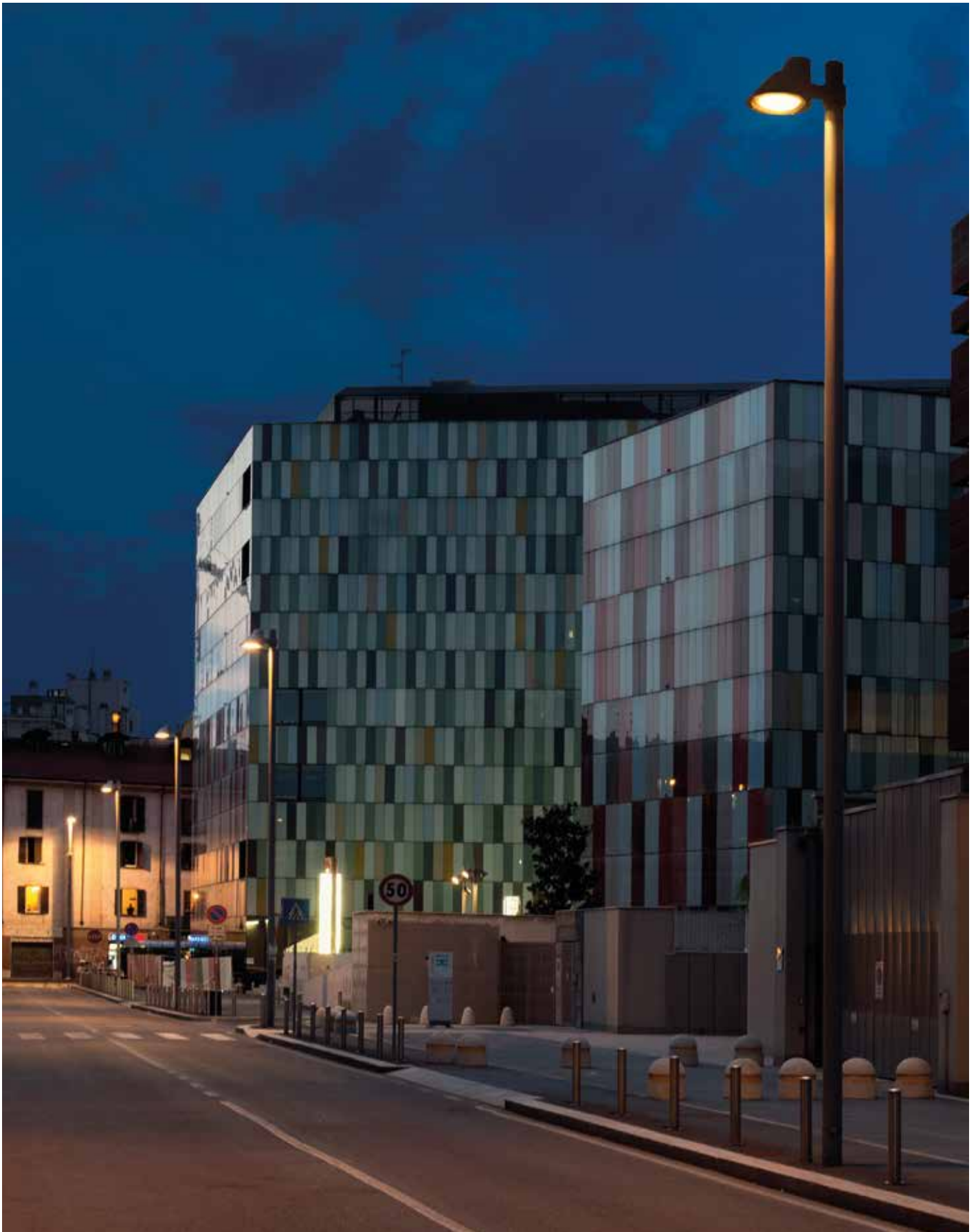
MH 150W E40						
H	B	I	Lm	Uo	UL	TI
8,00	8,00	28,50	1,2	0,4	0,6	6

Street optic

The street optic has been designed so as to concentrate most of the light it produces onto the road surface below, meaning that fewer installations are required and thus limiting maintenance and electricity costs. The optic system can be used to achieve high and uniform luminance on the road while limiting glare.
Illumination class: ME3b



- Road surface C2, q0=0.070
- H= fixture height [m]
- B = road width [m]
- I= distance between poles [m]
- Lm= average maintained luminance [cd/m²]
- Uo= general uniformity of luminance
- UL= longitudinal uniformity of luminance
- TI= physiological glare index [%]
- Em= average illuminance [lx]
- Emin= minimum illuminance [lx]





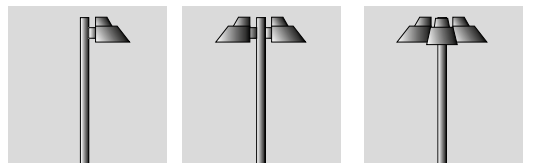
fixed attachment



adjustable attachment



the Bell pole-top street fixture is available in single, double, triple and tower configurations.



Installing the street fixture

The simplicity of the fixture and its accessories means the installation procedure can be carried out by just one operator. All components inside the end cap are fixed together using a steel cable and secured to the die-cast aluminium body.

No tools required for maintenance

The special design of the fixture has made it possible to obtain a versatile and functional product which can be installed by any operator and which is suitable for use in complex overall arrangements (e.g. traffic-heavy roads, town centres, etc.). The option of unfastening the various components (see illustrations) without the use of tools makes it a unique product amongst street fixtures.

Easy installation

The installation steps are simple and require only one operator. After installation, the cable is no longer visible.



Opening the ring by rotating it a ¼ turn.

Alignment adjustment

Adjustable pole and wall-mounting system means the fixture can be positioned so that it is perfectly parallel to the ground.

The photograph illustrates how the fixture can be rotated between 0 and +20°.



Rotating the parabolic optic by 5°; disconnecting the 2-pole electrical connector in order to remove the optic from the body.

Accessing the fixture

The glass support ring is hinged to the body of the fixture, offering simplified maintenance.



Rotating the electrified plate by 5°; disconnecting the 3-pole electrical connector in order to view the electrical components.

Safety during maintenance

All versions are fitted with a mechanical disconnection switch which cuts the electricity supply off when the ring is opened.



The closure ring can be removed in order to make maintenance procedures easier for the installer.

DESIGN: STUDIO ARCHEA



Body

Die cast aluminium street fixtures, aluminium cast pole-mounting device, ring glass-holder in die-cast aluminium hinged with a concealed system and locked into place with four stainless steel captive knobs. Tempered safety glass and aluminium reflector. Body developed in three sizes: diameter 380mm, 460mm and 570mm. Appliance undergoes an anti-oxidation treatment and is then coated with high-resistance textured paint.

Light sources

Available in the version with metal halide or high pressure sodium lamps starting from 70W and up to 250W.

Emissions

Sidewalk, asymmetric and street optics.

Power supply

Power factor corrected incorporated electromagnetic ballast with timed ignitor assembled onto a removable bracket fitted with quick connectors.

Accessories

Accessories available: pole mounting element with 1, 2, 3 or 4 arms and adjustable pole mounting element. Fixed and adjustable wall bracket.

Colors

Available in textured grey, anthracite grey or corten finish.



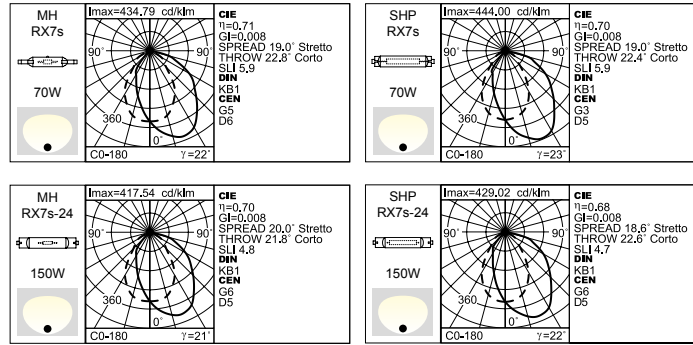
32 86 79



Source	Power	Socket	W [kg]	Code
MH	35W	G12	10.0	76962. _
MH / SHP	70W	RX7s	10.0	76968. _
MH / SHP	150W	RX7s-24	10.5	76969. _

IP65 0.078 m²

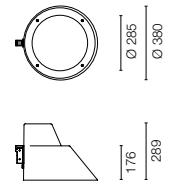
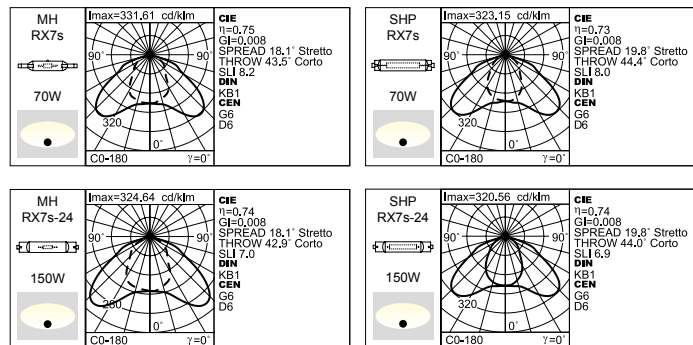
asymmetrical optic



Source	Power	Socket	W [kg]	Code
MH	35W	G12	11.0	76961. _
MH / SHP	70W	RX7s	11.0	76966. _
MH / SHP	150W	RX7s-24	11.5	76967. _

IP65 0.078 m²

sidewalk optic



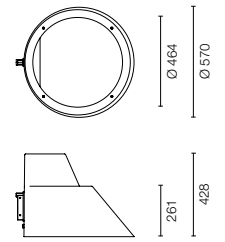


32 86 79

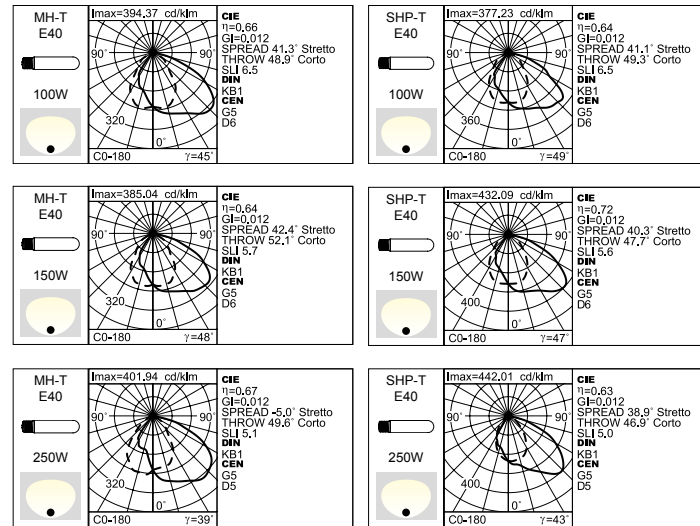


Source	Power	Socket	W [kg]	Code
MH-T / SHP-T	100W	E40	22.5	76996. _
MH-T / SHP-T	150W	E40	23.0	76990. _
MH-T	250W	E40	24.0	76992. _
SHP-T	250W	E40	24.0	76994. _
MH-T / SHP-T	400W	E40	24.5	76998. _

IP65
 0.164 m²
 dual wattage ballast for SHP-T lamp available on request



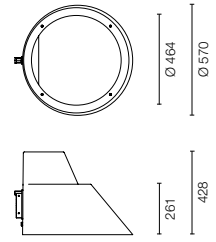
asymmetrical optic



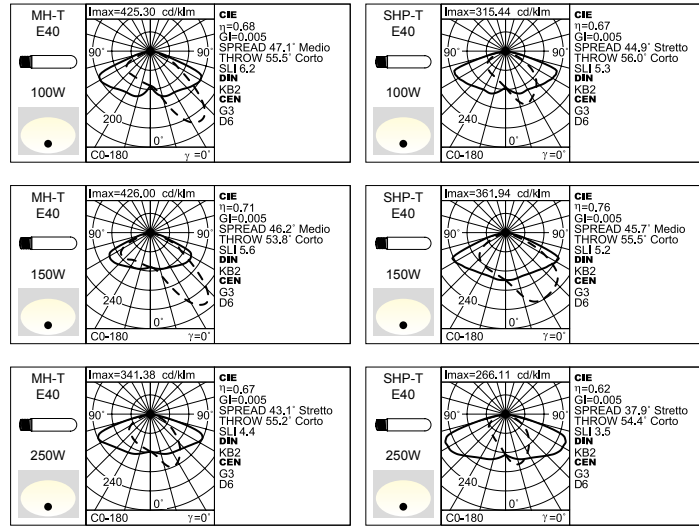


Source	Power	Socket	W [kg]	Code
MH-T / SHP-T	100W	E40	22.5	76997. _
MH-T / SHP-T	150W	E40	23.0	76991. _
MH-T	250W	E40	24.0	76993. _
SHP-T	250W	E40	24.0	76995. _
MH-T / SHP-T	400W	E40	24.5	76999. _



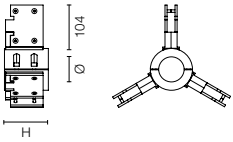

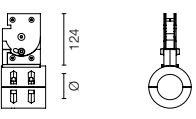
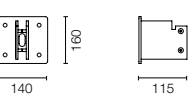

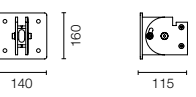
IP65
 0.164 m²
 dual wattage ballast for SHP-T lamp available on request



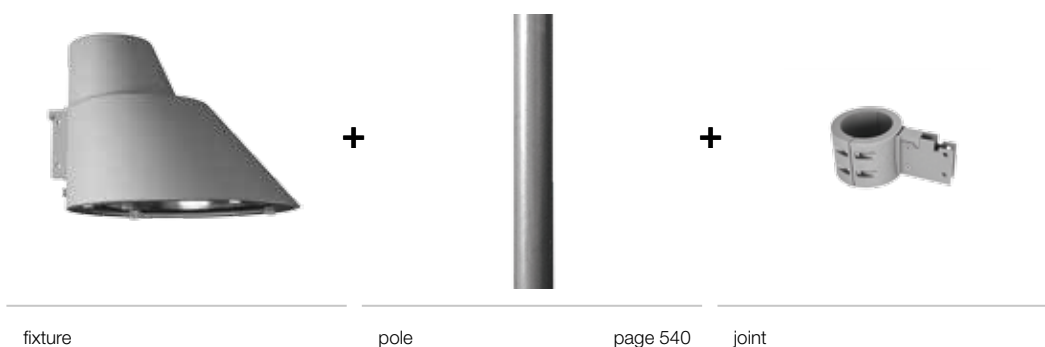
street optic



32 86 79

	pole joint 1 arm	Ø 60	H = 155	78074. __	
		Ø 89	H = 155	78078. __	
		Ø 102	H = 155	78082. __	
		Ø 120	H = 155	78086. __	
		Ø 142	H = 180	78090. __	
		Ø 171	H = 180	78094. __	
	pole joint 2 arms	Ø 60	H = 155	78075. __	
		Ø 89	H = 155	78079. __	
		Ø 102	H = 155	78083. __	
		Ø 120	H = 155	78087. __	
		Ø 142	H = 180	78091. __	
		Ø 171	H = 180	78095. __	
	pole joint 3 arms	Ø 102	H = 155	78084. __	
		Ø 120	H = 155	78088. __	
		Ø 142	H = 180	78092. __	
		Ø 171	H = 180	78096. __	
	pole joint 4 arms	Ø 102	H = 155	78085. __	
		Ø 120	H = 155	78089. __	
		Ø 142	H = 180	78093. __	
		Ø 171	H = 180	78097. __	
	pole joint adjustable (from 0° to +20°)	Ø 60	H = 155	78100. __	
		Ø 89	H = 155	78101. __	
		Ø 102	H = 155	78102. __	
		Ø 120	H = 155	78103. __	
		Ø 142	H = 180	78104. __	
		Ø 171	H = 180	78105. __	
	wall attachment fixed	78099. __			
	wall attachment adjustable (from 0° to +20°)	78111. __			

GUIDE TO ORDERING



fixture

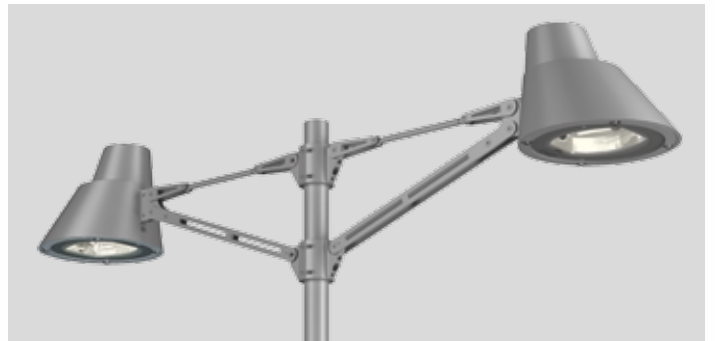
pole

page 540

joint



Illustration of the Twin 4 double arm system for Bell 460 and Bell 570. Satin-finish grey painted steel arm structure, cast aluminium pole attachment and stainless steel component fixing screws.



Twin 4 single arm system
L = 1200 mm



Twin 4 single arm system
L = 1500 mm

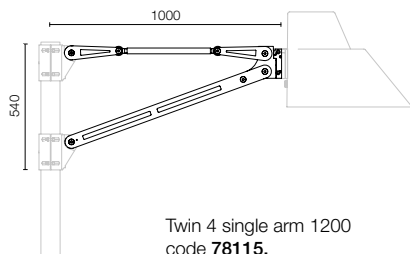
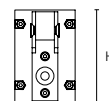
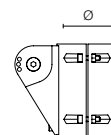


32 86 79

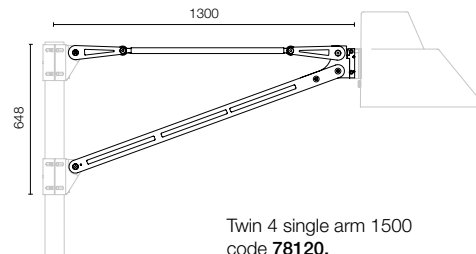


single joint

Ø 102	H = 155	78008. __
Ø 120	H = 155	78012. __
Ø 142	H = 180	78016. __
Ø 171	H = 180	78020. __



Twin 4 single arm 1200
code **78115.**__

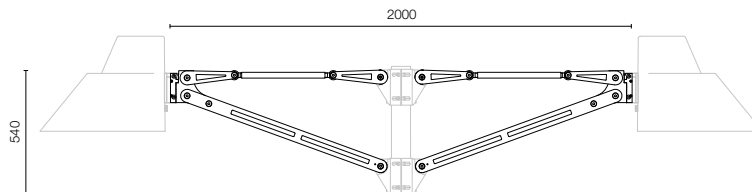
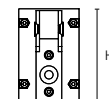
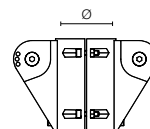


Twin 4 single arm 1500
code **78120.**__

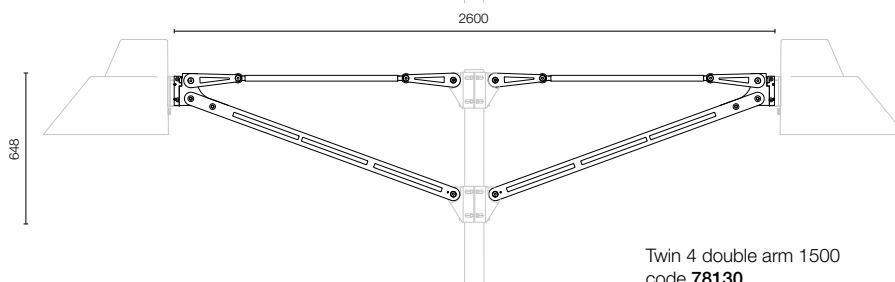


double joint

Ø 102	H = 155	78009. __
Ø 120	H = 155	78013. __
Ø 142	H = 180	78017. __
Ø 171	H = 180	78021. __



Twin 4 double arm 1200
code **78125.**__



Twin 4 double arm 1500
code **78130.**__

GUIDE TO ORDERING



+



+



+



fixture

pole

page 540

joint (1-piece pack)

arm









NAXOS/TWIN4

DESIGN: STUDIO ARCHEA

Street and urban lighting is the night landscape of human beings. It transforms the reality, contributing to its perception and enjoyability. Naxos is a luminous, yet aesthetic instrument, a perfect means to distinguish urban sets while leaving a tangible sign.





NAXOS 460



NAXOS 460



NAXOS 570



The Naxos range, with its distinctive asymmetrical truncated cone shape, consists of two different-sized versions featuring different optics, meaning the fixtures can be used in town centres and in traditional street lighting schemes.

All versions of Naxos are available with two types of projection, one asymmetrical for large spaces directly in front of the installation and one "street" type model with lateral projection. The light projection features of the street reflector include excellent uniformity, wide spacing and a low level of glare, regardless of whether metal halide lamps or high-pressure sodium lamps are used.

The flat transparent glass and the carefully designed optic guarantee excellent performance levels and light distribution in both street and asymmetrical versions.

Types of optic



MH-T 100W E40				
H	B	I	Em	Emin
8,00	12,00	17,00	15,00	7

Asymmetrical optic

Frontal projection for large spaces. Where this optic is used, fixtures can be installed around the perimeter of the area to be illuminated.
Illumination class: S1



MH-T 150W E40						
H	B	I	Lm	Uo	UL	TI
8,00	8,00	29,60	1,2	0,4	0,6	6

Street optic

The street optic has been designed so as to concentrate most of the light it produces onto the road surface below, meaning that fewer installations are required and thus limiting maintenance and electricity costs.
The optic system can be used to achieve high and uniform luminance on the road while limiting glare.
Illumination class: ME3b



Road surface C2, $q_0=0.070$

- H= fixture height [m]
- B = road width [m]
- I= distance between poles [m]
- Lm= average maintained luminance [cd/m^2]
- Uo= general uniformity of luminance
- UL= longitudinal uniformity of luminance
- TI= physiological glare index [%]
- Em= average illuminance [lx]
- Emin= minimum illuminance [lx]

Installation examples



Wall-mounted installation eliminates the need for a pole in applications where space is limited and guarantees continuity, whether street or asymmetrical fixtures are used.

Bilateral, in the centre of the road

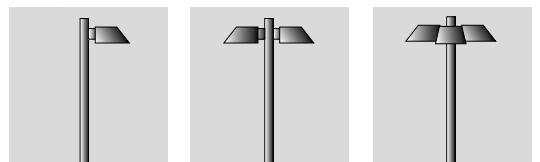




fixed joint
adjustable attachment from 0° to +20°



the Naxos street fixture is available in single, double, triple and tower configurations.



**Body**

Die-cast aluminium body and glass-support ring, die-cast aluminium pole-fixing system and steel arm. The ring is recessed and locked in place using four captive screws that compress the ring against the gasket; it is also hinged using a concealed system which facilitates maintenance procedures. Tempered safety glass and aluminium reflector fixed to the body.

Light sources

Metal halide and high-pressure sodium lamps from 100W to 250W.

Emissions

Asymmetrical and street optics.

Power supply

Integrated power factor corrected electromagnetic control gear.

Accessories

Fixed pole mounting elements with 1, 2, 3 or 4 arms, available for different pole diameters. Adjustable single pole mounting element available for different pole diameters. Fixed or adjustable wall mounting element. TWIN 4 single or double arms available in two sizes.

Colors

Textured grey, anthracite grey or corten finish.



concealed
electricity cable



side hinge on glass
support ring



mechanical
disconnection
switch

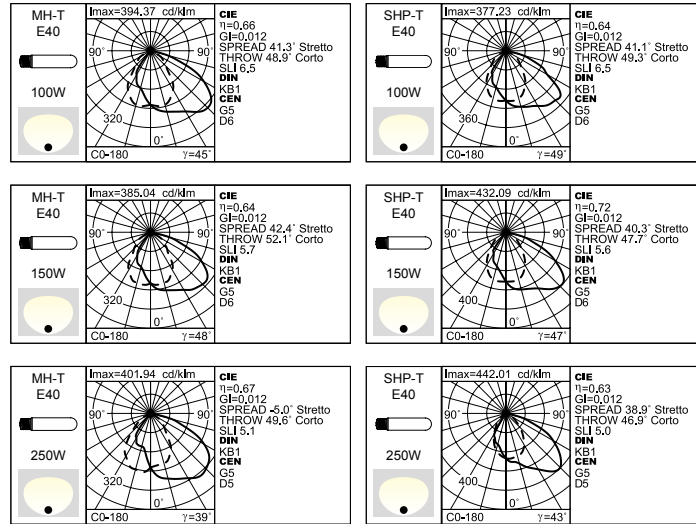




Source	Power	Socket	W [Kg]	Code
MH-T / SHP-T	100W	E40	13,0	75068. __
MH-T / SHP-T	150W	E40	13,0	75062. __
MH-T	250W	E40	13,0	75064. __
SHP-T	250W	E40	13,0	75066. __

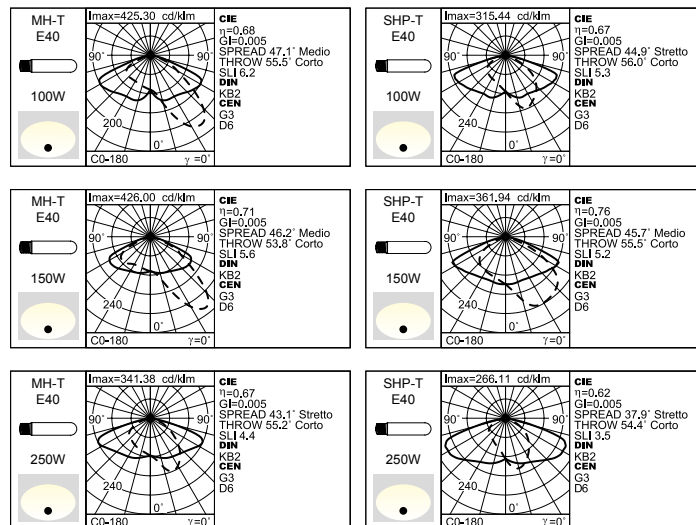


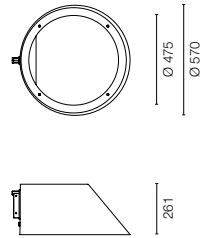
asymmetrical optic



Source	Power	Socket	W [Kg]	Code
MH-T / SHP-T	100W	E40	13,0	75069. __
MH-T / SHP-T	150W	E40	13,0	75063. __
MH-T	250W	E40	13,0	75065. __
SHP-T	250W	E40	13,0	75067. __

road optic

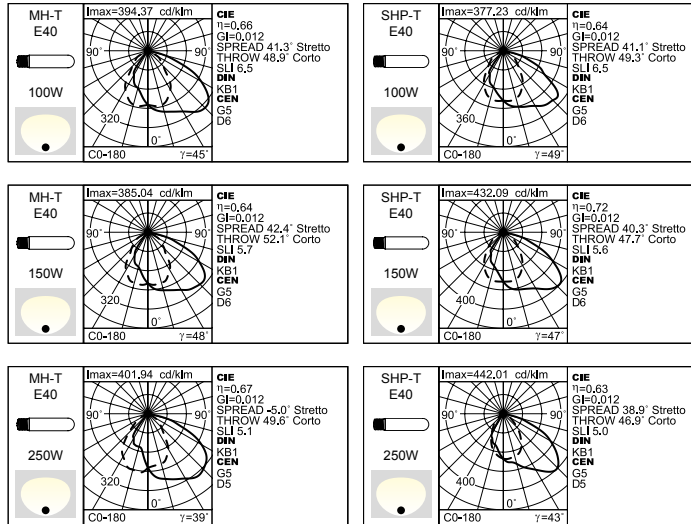




Source	Power	Socket	W [Kg]	Code
MH-T / SHP-T	100W	E40	19,5	75078. _
MH-T / SHP-T	150W	E40	20,0	75072. _
MH-T	250W	E40	21,0	75074. _
SHP-T	250W	E40	21,0	75076. _

0,125 m²

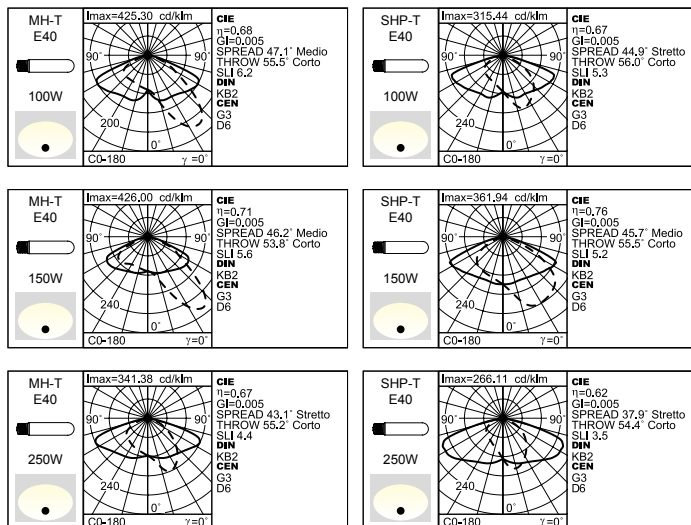
asymmetrical optic



Source	Power	Socket	W [Kg]	Code
MH-T / SHP-T	100W	E40	19,5	75079. _
MH-T / SHP-T	150W	E40	20,0	75073. _
MH-T	250W	E40	21,0	75075. _
SHP-T	250W	E40	21,0	75077. _

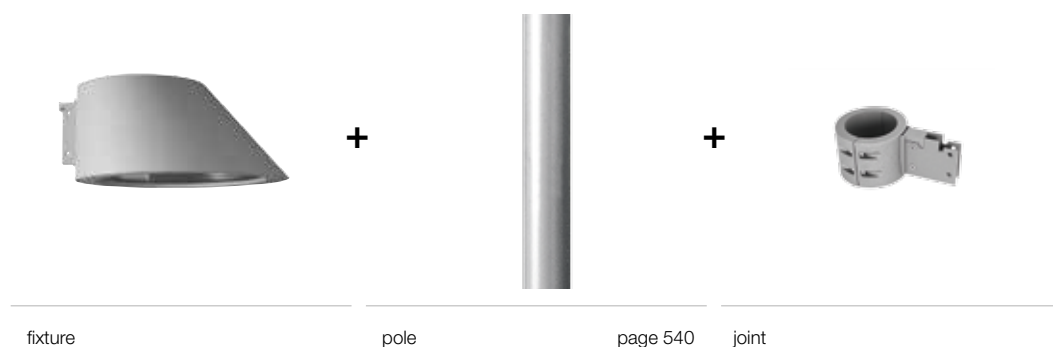
0,125 m²

road optic



	pole joint 1 arm	Ø 60	H = 155	78074.	
		Ø 89	H = 155	78078.	
		Ø 102	H = 155	78082.	
		Ø 120	H = 155	78086.	
		Ø 142	H = 180	78090.	
	Ø 171	H = 180	78094.		
	pole joint 2 arms	Ø 60	H = 155	78075.	
		Ø 89	H = 155	78079.	
		Ø 102	H = 155	78083.	
		Ø 120	H = 155	78087.	
		Ø 142	H = 180	78091.	
	Ø 171	H = 180	78095.		
	pole joint 3 arms	Ø 102	H = 155	78084.	
		Ø 120	H = 155	78088.	
		Ø 142	H = 180	78092.	
		Ø 171	H = 180	78096.	
	pole joint 4 arms	Ø 102	H = 155	78085.	
		Ø 120	H = 155	78089.	
		Ø 142	H = 180	78093.	
		Ø 171	H = 180	78097.	
	pole joint adjustable (from 0° to +20°)	Ø 60	H = 155	78100.	
		Ø 89	H = 155	78101.	
		Ø 102	H = 155	78102.	
		Ø 120	H = 155	78103.	
		Ø 142	H = 180	78104.	
	Ø 171	H = 180	78105.		
	wall attachment fixed			78099.	
	wall attachment adjustable (from 0° to +20°)			78111.	

GUIDE TO ORDERING



fixture

pole

page 540

joint

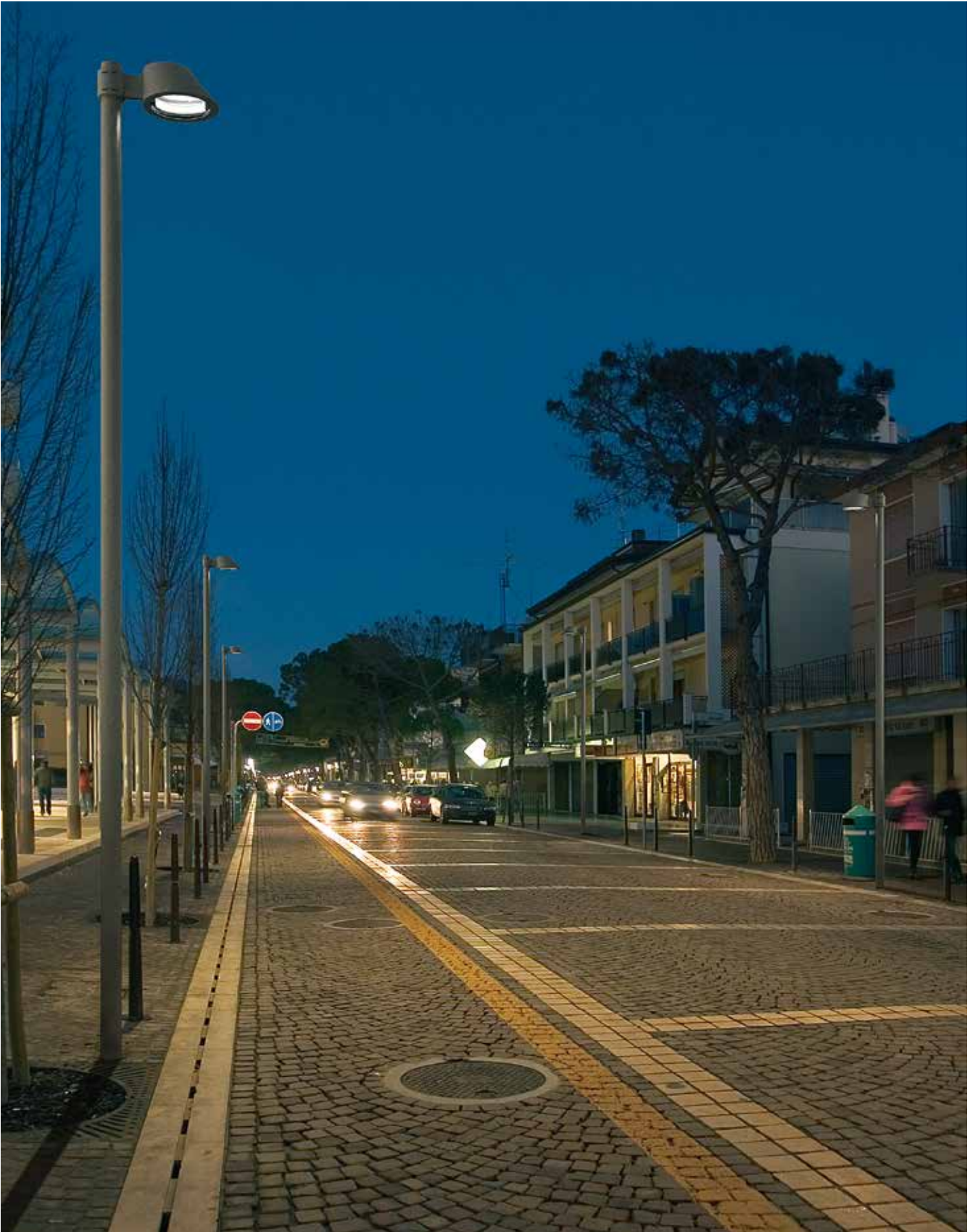
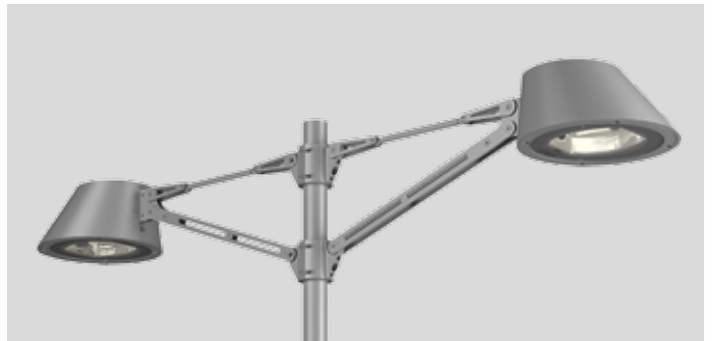




Illustration of the Twin 4 double arm system for Naxos 460 and Naxos 570. Satin-finish grey painted steel arm structure, cast aluminium pole attachment and stainless steel component fixing screws.



Twin 4 single arm system
L = 1200 mm



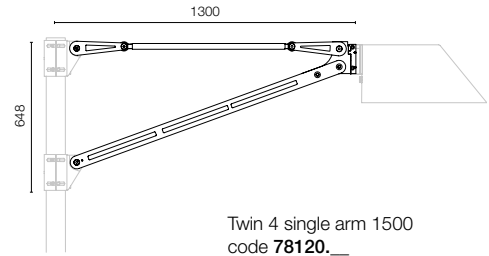
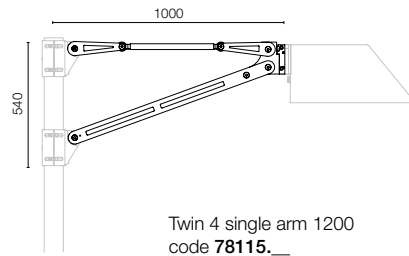
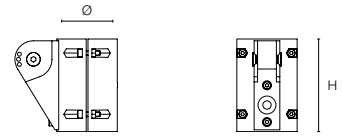
Twin 4 single arm system
L = 1500 mm





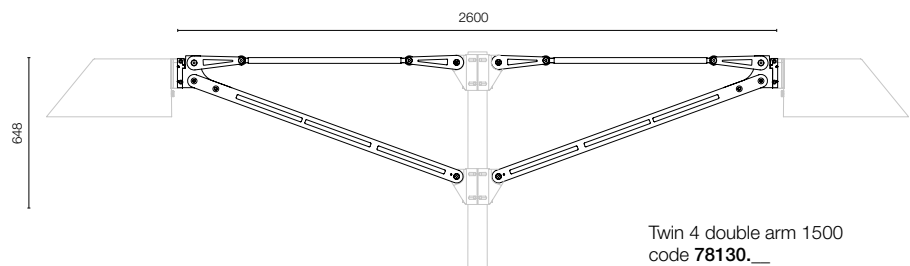
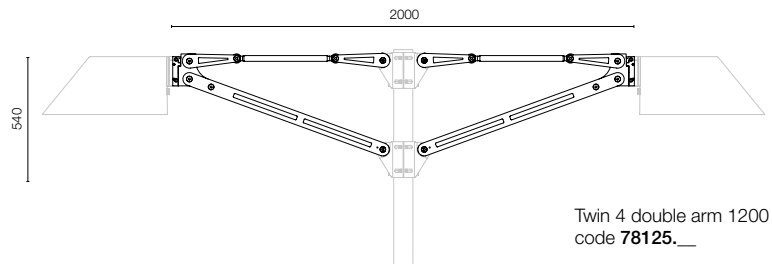
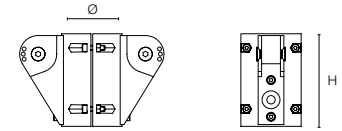
single joint

Ø 102	H = 155	78008.
Ø 120	H = 155	78012.
Ø 142	H = 180	78016.
Ø 171	H = 180	78020.



double joint

Ø 102	H = 155	78009.
Ø 120	H = 155	78013.
Ø 142	H = 180	78017.
Ø 171	H = 180	78021.



GUIDE TO ORDERING



fixture

+

pole

+

page 540

+

joint (1-piece pack)

+

arm



SEA

DESIGN: STUDIO ARCHEA

A design icon with multiple light emissions to protect the sky and guarantee street safety.





SEA 460



SEA 380





SEA 460

The Sea range, with its distinctive truncated cone shape and cylindrical top part, consists of two different-sized versions featuring different optics, meaning the fixtures can be used in town centres, along cycle lanes and in traditional street lighting schemes.

Sea versions are available with three types of projection, one asymmetrical for large spaces directly in front of the installation, one sidewalk type and one "street" type model with lateral projection. Sea 380 is recommended for pathways, pedestrian walkways and cycle lanes; Sea 460 is recommended for motorised traffic routes, motorway slip roads, roundabouts and vehicle transit and loading/unloading areas near buildings.

The light projection features of the street reflector used in Sea 460 include excellent uniformity, wide spacing and a low level of glare, regardless of whether metal halide lamps or high-pressure sodium lamps are used.

The flat transparent glass and the carefully designed optic guarantee excellent performance levels and light distribution in both street and asymmetrical versions.

Types of optic



MH 70W RX7s				
H	B	I	Em	Emin
6,00	8,00	16,00	17	5

Asymmetrical optic

Frontal projection for large spaces. Where this optic is used, fixtures can be installed around the perimeter of the area to be illuminated.
Illumination class: S1



MH 70W RX7s				
H	B	I	Em	Emin
4,00	4,00	16,00	21	5

Sidewalk optic

The sidewalk optic is ideal for pedestrian walkways and cycle paths, and can be combined with the street optic without interfering with road traffic; the optic system also helps to save energy by increasing spacing distances.
Illumination class: S1



MH-T 150W E40						
H	B	I	Lm	Uo	UL	TI
8,00	7,00	29,60	1,2	0,4	0,5	7

Street optic

The street optic has been designed so as to concentrate most of the light it produces onto the road surface below, meaning that fewer installations are required and thus limiting maintenance and electricity costs.
The optic system can be used to achieve high and uniform luminance on the road while limiting glare.
Illumination class: ME3c



- Road surface C2, $q_0=0.070$
- H= fixture height [m]
- B = road width [m]
- I= distance between poles [m]
- Lm= average maintained luminance [cd/m^2]
- Uo= general uniformity of luminance
- UL= longitudinal uniformity of luminance
- TI= physiological glare index [%]
- Em= average illuminance [lx]
- Emin= minimum illuminance [lx]





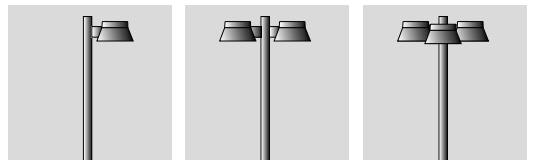
fixed joint



adjustable joint from 0° to +20°



the pole-mounted Sea street fixture is available in single, double, triple and tower configurations.



**Body**

Die-cast aluminium body and glass-support ring, die-cast aluminium pole-fixing system and steel arm. The ring is recessed and locked in place using four captive screws. Tempered safety glass and aluminium reflector fixed to the body. Available in two sizes, with 380 and 460mm diameter.

Light sources

Metal halide and high-pressure sodium lamps (70W to 250W).

Emissions

Sidewalk, asymmetric and street optics.

Power supply

Integrated power factor corrected electromagnetic control gear.

Accessories

Fixed pole mounting elements with 1, 2, 3 or 4 arms, available for different pole diameters. Adjustable single pole mounting element available for different pole diameters. Fixed or adjustable wall mounting element.

Colors

Textured grey, anthracite grey or corten finish.

concealed electricity cable




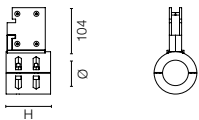

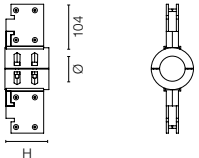

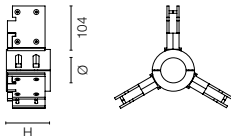

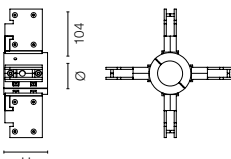

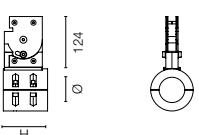

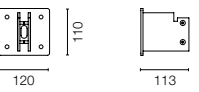

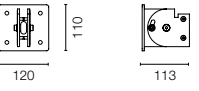
side hinge on glass support ring



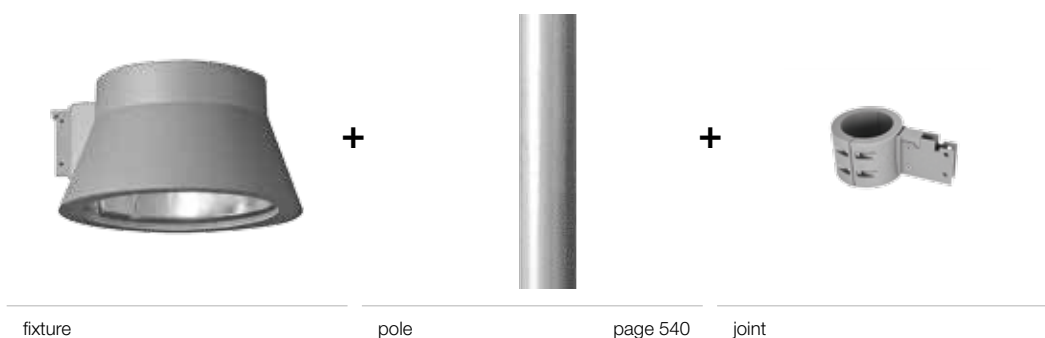
mechanical disconnection switch



32 86 79

	pole joint 1 arm	Ø 60	H = 105	78024. __	
		Ø 89	H = 105	78028. __	
		Ø 102	H = 105	78032. __	
		Ø 120	H = 155	78134. __	
		Ø 142	H = 180	78136. __	
		Ø 171	H = 180	78138. __	
	pole joint 2 arms	Ø 60	H = 105	78025. __	
		Ø 89	H = 105	78029. __	
		Ø 102	H = 105	78033. __	
		Ø 120	H = 155	78135. __	
		Ø 142	H = 180	78137. __	
		Ø 171	H = 180	78139. __	
	pole joint 3 arms	Ø 60	H = 105	78026. __	
		Ø 89	H = 105	78030. __	
		Ø 102	H = 105	78034. __	
	pole joint 4 arms	Ø 60	H = 105	78027. __	
		Ø 89	H = 105	78031. __	
		Ø 102	H = 105	78035. __	
	pole joint adjustable (from 0° to +20°)	Ø 60	H = 105	78036. __	
		Ø 89	H = 105	78037. __	
		Ø 102	H = 105	78038. __	
	wall attachment fixed			78039. __	
	wall attachment adjustable (from 0° to +20°)			78110. __	

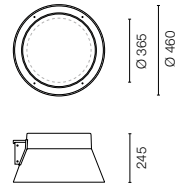
GUIDE TO ORDERING



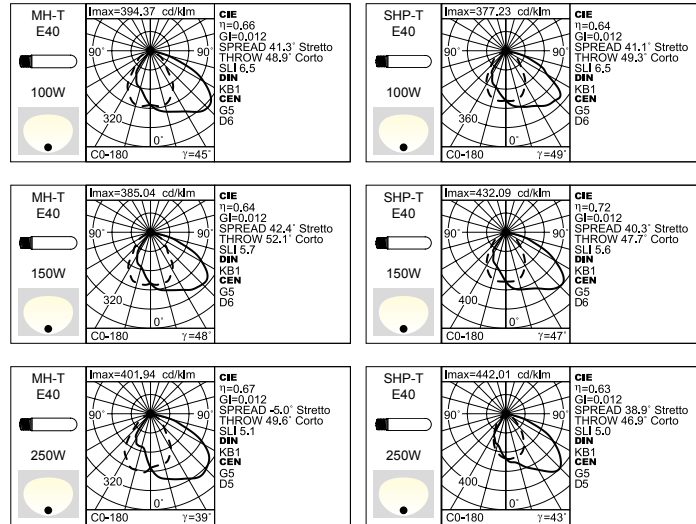


Source	Power	Socket	W [kg]	Code
MH-T / SHP-T	100W	E40	16.5	75158. __
MH-T / SHP-T	150W	E40	17.0	75152. __
MH-T	250W	E40	18.0	75154. __
SHP-T	250W	E40	18.0	75156. __

IP65 0.094 m²



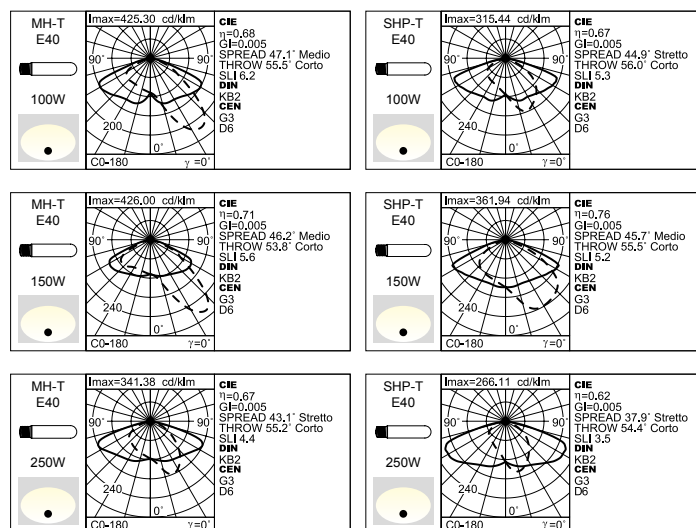
asymmetrical optic




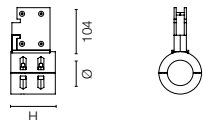

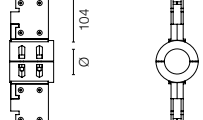

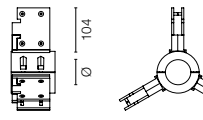

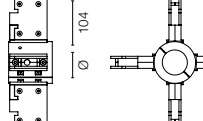

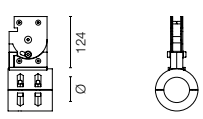

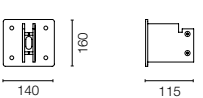

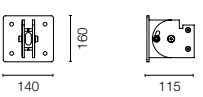
Source	Power	Socket	W [kg]	Code
MH-T / SHP-T	100W	E40	16.5	75159. __
MH-T / SHP-T	150W	E40	17.0	75153. __
MH-T	250W	E40	18.0	75155. __
SHP-T	250W	E40	18.0	75157. __

IP65 0.094 m²

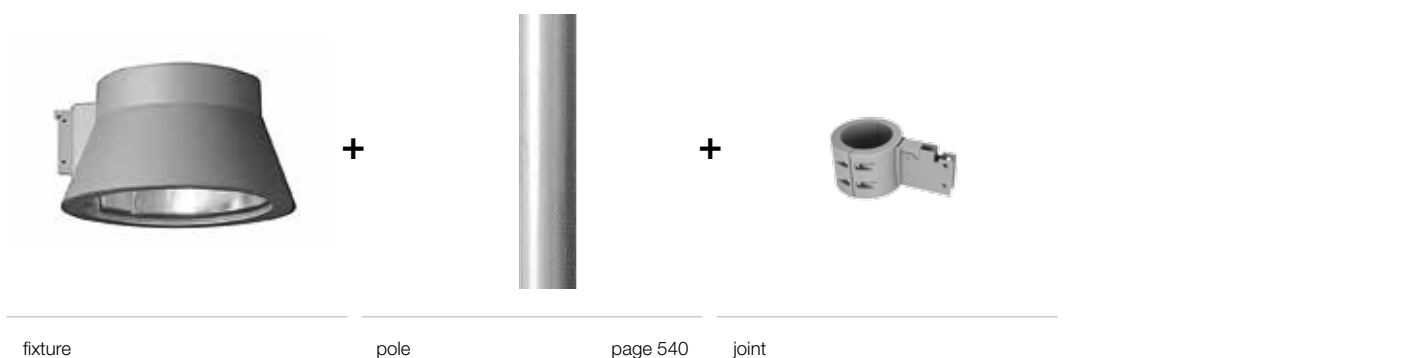
street optic



32 86 79

	pole joint 1 arm	Ø 60	H = 155	78074.	
		Ø 89	H = 155	78078.	
		Ø 102	H = 155	78082.	
		Ø 120	H = 155	78086.	
		Ø 142	H = 180	78090.	
		Ø 171	H = 180	78094.	
	pole joint 2 arms	Ø 60	H = 155	78075.	
		Ø 89	H = 155	78079.	
		Ø 102	H = 155	78083.	
		Ø 120	H = 155	78087.	
		Ø 142	H = 180	78091.	
		Ø 171	H = 180	78095.	
	pole joint 3 arms	Ø 102	H = 155	78084.	
		Ø 120	H = 155	78088.	
		Ø 142	H = 180	78092.	
		Ø 171	H = 180	78096.	
	pole joint 4 arms	Ø 102	H = 155	78085.	
		Ø 120	H = 155	78089.	
		Ø 142	H = 180	78093.	
		Ø 171	H = 180	78097.	
	pole joint adjustable (from 0° to +20°)	Ø 60	H = 155	78100.	
		Ø 89	H = 155	78101.	
		Ø 102	H = 155	78102.	
		Ø 120	H = 155	78103.	
		Ø 142	H = 180	78104.	
		Ø 171	H = 180	78105.	
	wall attachment fixed	78099.			
	wall attachment adjustable (from 0° to +20°)	78111.			

GUIDE TO ORDERING





HONO

DESIGN: MAURO SAITO

Hono's clean lines and geometrical inspiration suggest a new approach to street lighting, where not only lighting comfort, but also aesthetics and attention to urban decoration issues are important.



DESIGN: MAURO SAITO



HONO 380



The Hono range, with its distinctive truncated cone shape, consists of two different-sized versions featuring different optics, meaning the fixtures can be used in town centres, along cycle lanes and in traditional street lighting schemes.

Hono versions are available with three types of projection, one asymmetrical for large spaces directly in front of the installation, one sidewalk type and one "street" type model with lateral projection. Hono 380 is recommended for pathways, pedestrian walkways and cycle lanes; Hono 460 is recommended for

motorised traffic routes, motorway slip roads, roundabouts and vehicle transit and loading/unloading areas near buildings.

The light projection features of the street reflector used in Hono 460 include excellent uniformity, wide spacing and a low level of glare, regardless of whether metal halide lamps or high-pressure sodium lamps are used. The flat transparent glass and the carefully designed optic guarantee excellent performance levels and light distribution in both street and asymmetrical versions.

HONO 460



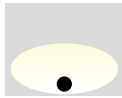
Types of optic



MH 70W RX7s				
H	B	I	Em	Emin
6,00	8,00	14,00	15	3

Asymmetrical optic

Frontal projection for large spaces. Where this optic is used, fixtures can be installed around the perimeter of the area to be illuminated.
Illumination class: S2



MH 70W RX7s				
H	B	I	Em	Emin
5,00	4,00	18,50	22	5

Sidewalk optic

The sidewalk optic is ideal for pedestrian walkways and cycle paths, and can be combined with the street optic without interfering with road traffic; the optic system also helps to save energy by increasing spacing distances.
Illumination class: S1



MH-T 150W E40						
H	B	I	Lm	Uo	UL	TI
8,00	8,00	28,50	1,3	0,4	0,5	8

Street optic

The street optic has been designed so as to concentrate most of the light it produces onto the road surface below, meaning that fewer installations are required and thus limiting maintenance and electricity costs.
The optic system can be used to achieve high and uniform luminance on the road while limiting glare.
Illumination class: ME3c

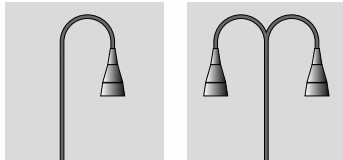


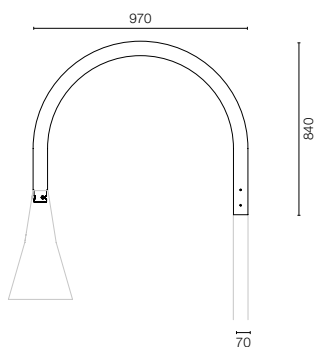
- Road surface C2, q0=0.070
- H= fixture height [m]
- B = road width [m]
- I= distance between poles [m]
- Lm= average maintained luminance [cd/m²]
- Uo= general uniformity of luminance
- UL= longitudinal uniformity of luminance
- TI= physiological glare index [%]
- Em= average illuminance [lx]
- Emin= minimum illuminance [lx]



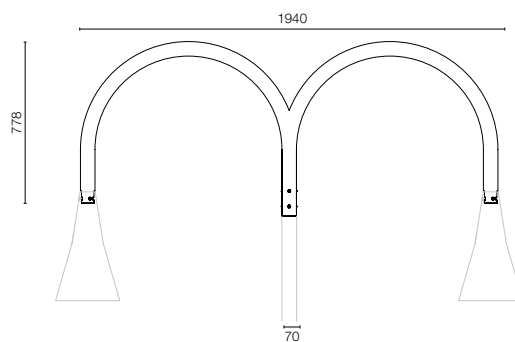


the street fixture is available in single and double arm configurations

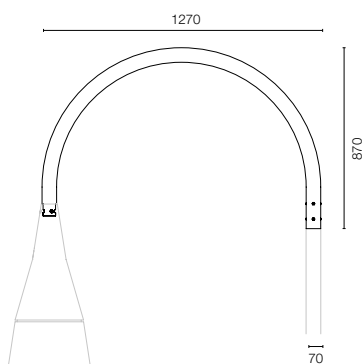




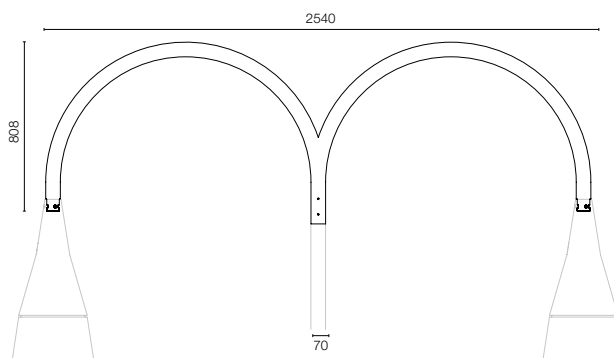
Hono 380 single arm code **75635**__



Hono 380 double arm code **75636**__



Hono 460 single arm code **75637**__



Hono 460 double arm code **75638**__

For information on ordering poles, see page 540

DESIGN: MAURO SAITO



HONO 380



HONO 460



Body

Cast aluminium body and die-cast aluminium ring glass support; pole-fixing system made of cast aluminium. Tempered safety glass. Anti-oxidation surface treatment and high-resistance textured paint finish.

Light sources

Metal halide and high-pressure sodium lamps (70W, 100W, 150W and 250 W).

Emissions

Sidewalk, asymmetric and street optics.

Power supply

Power factor corrected incorporated electromagnetic ballast with timed ignitor.

Accessories

Wide range of buried poles. Pole mounting element with 1 or 2 arms.

Colors

Textured grey or anthracite grey.



side hinge on glass support ring

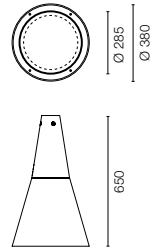


mechanical disconnection switch

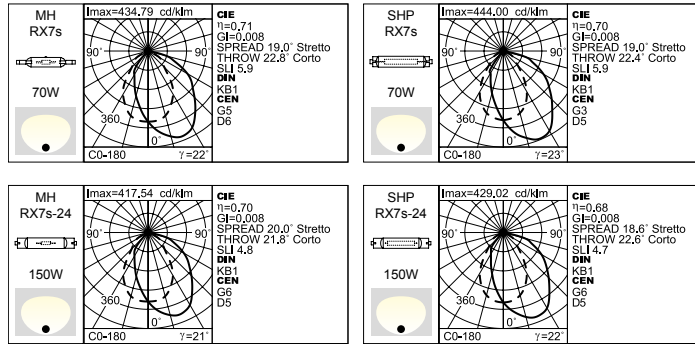


Source	Power	Socket	W [kg]	Code
MH / SHP	70W	RX7s	19.0	75620. _
MH / SHP	150W	RX7s-24	19.0	75621. _

IP65 $\gamma=22^\circ$ 0.139 m²



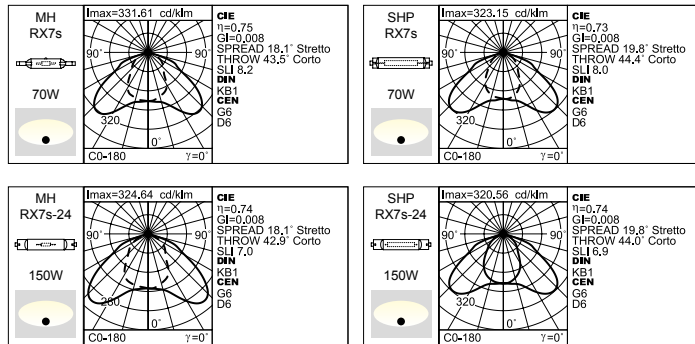
asymmetrical optic

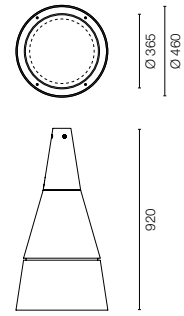


Source	Power	Socket	W [kg]	Code
MH / SHP	70W	RX7s	19.0	75622. _
MH / SHP	150W	RX7s-24	19.0	75623. _

IP65 $\gamma=0^\circ$ 0.139 m²

sidewalk optic

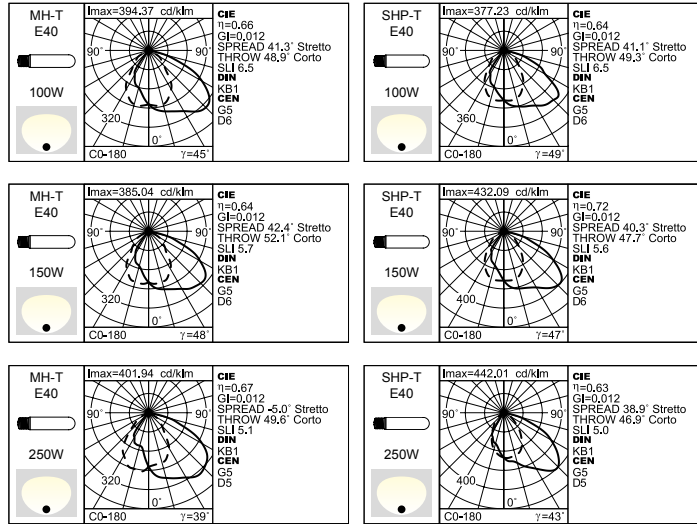




Source	Power	Socket	W [kg]	Code
MH-T / SHP-T	100W	E40	38.0	75629. __
MH-T / SHP-T	150W	E40	38.0	75630. __
MH-T	250W	E40	38.0	75631. __
SHP-T	250W	E40	38.0	75632. __

IP65 Δ Δ Δ 0.245 m²

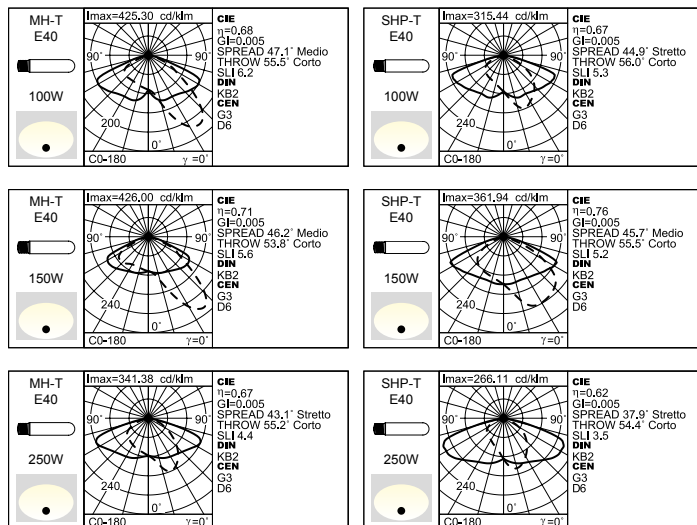
asymmetrical optic



Source	Power	Socket	W [kg]	Code
MH-T / SHP-T	100W	E40	38.0	75625. __
MH-T / SHP-T	150W	E40	38.0	75626. __
MH-T	250W	E40	38.0	75627. __
SHP-T	250W	E40	38.0	75628. __

IP65 Δ Δ Δ 0.245 m²

road optic





ACUTO

DESIGN: MARTINI STAFF

Acuto is a theoretical gesture before being a lighting object. This product is designed to illuminate the urban area, in a linear, clear-cut fashion. Acuto is simple and rational, making these its keywords for an essential, dynamic urban design, in line with the modern needs for energy saving and efficiency.





Body

Upper and lower cap in die-cast aluminium, tempered flat glass, aluminium optic, stainless steel screws. The optical assembly can be opened from the top through a mechanical locking system without the aid of tools. Rear mounting joint suitable for poles, diameter 60mm.

Light sources

Tubular metal halide lamps (70W to 250W), high-pressure sodium lamps (70W to 250W), and ellipsoi-dal sodium lamp (70W).

Emissions

Street and sidewalk optics.

Power supply

Power factor corrected incorpo-rated electromagnetic ballast with timed ignitor. All versions are fitted with a mechanical disconnect switch that cuts off the power supply when the upper cap is opened.

Colors

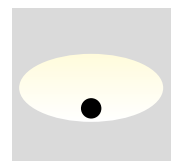
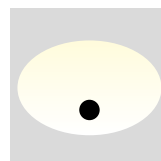
Available in extra-light grey.

Pole mount Ø 60 mm

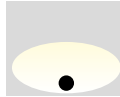


street optic

sidewalk optic



Types of optics



MH-T 70W E27				
H	B	I	Em	Emin
4.00	4.00	20	19	5

Sidewalk optics

The sidewalk optics is ideal for pedestrian walkways and cycle paths, and can be combined with the street optics without interfering with road traffic.

Allowing increased spacing distances, this optical system also provides energy savings.

Illumination class: S1



SHP-T 150W E40						
H	B	I	Lm	Uo	UL	Tl
8.00	8.00	30	1.0	0.6	0.7	7

Street optics

The street optics has been designed and manufactured to concentrate most of the light flux onto the road surface below, requiring less fixtures and reducing maintenance and power requirements.

The optical system provides high and uniform levels of luminance on the road, while limiting glare.

Illumination class: ME3a



Road surface C2, $q0=0.070$

H= fixture height [m]

B = road width [m]

I= distance between poles [m]

Lm= average maintained luminance [cd/m^2]

Uo= general uniformity of luminance

UL= longitudinal uniformity of luminance

Tl= physiological glare index [%]

Em= average illuminance [lx]

Emin= minimum illuminance [lx]

Installation examples



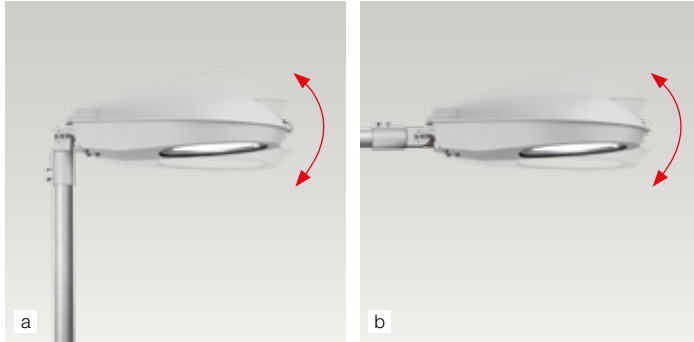
two sides alternate layout



single side

Installation and maintenance

The reduced weight and the elongated shape of this fixture make it suitable for safe installation by a single operative. All internal components are safely secured to the lower cap to allow for easy inspection of the electrical parts.



Horizontal adjustment of the head: 90° pole installation (fig. a) and 0° pole installation (fig. b).



The optics section can be opened from the top using a mechanical spring lock system requiring no tools.



The upper caps swings open and is held in position with a side retaining arm to allow easy inspection of all electrical components.

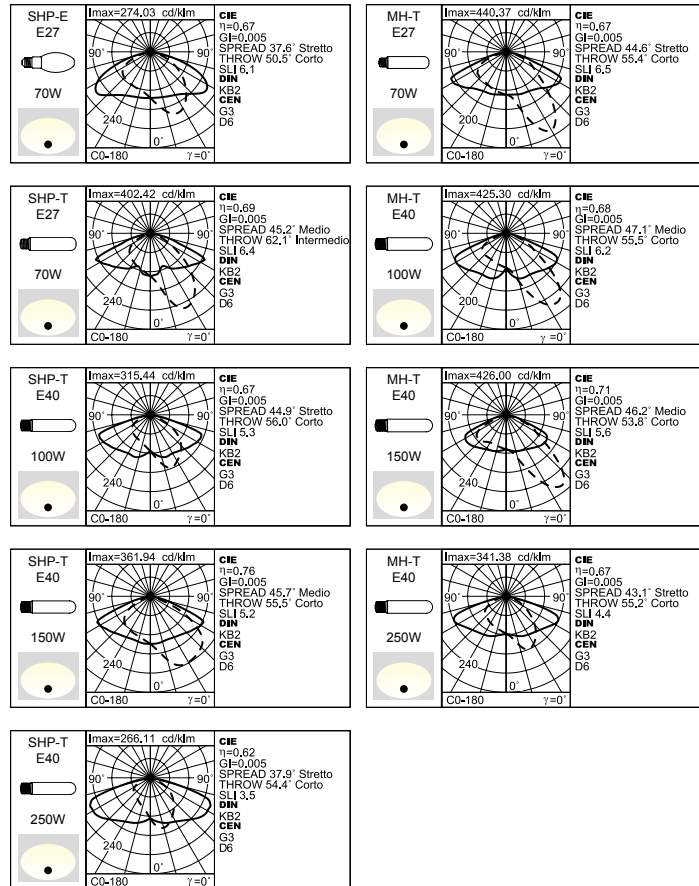
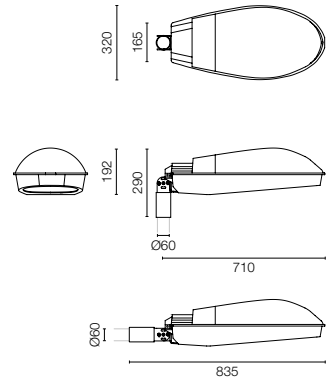
To ensure safe replacement of components, the power supply is isolated by a mechanical disconnection switch operated by the opening of the cap.





Source	Power	Socket	W [kg]	Code
SHP-E	70W	E27	8.80	75340.38
MH-T / SHP-T	70W	E27	8.80	75341.38
MH-T / SHP-T	100W	E40	8.80	75342.38
MH-T / SHP-T	150W	E40	8.80	75343.38
MH-T	250W	E40	9.80	75344.38
SHP-T	250W	E40	9.80	75345.38

IP65 0,10 m²
 For information on ordering poles, see page 540

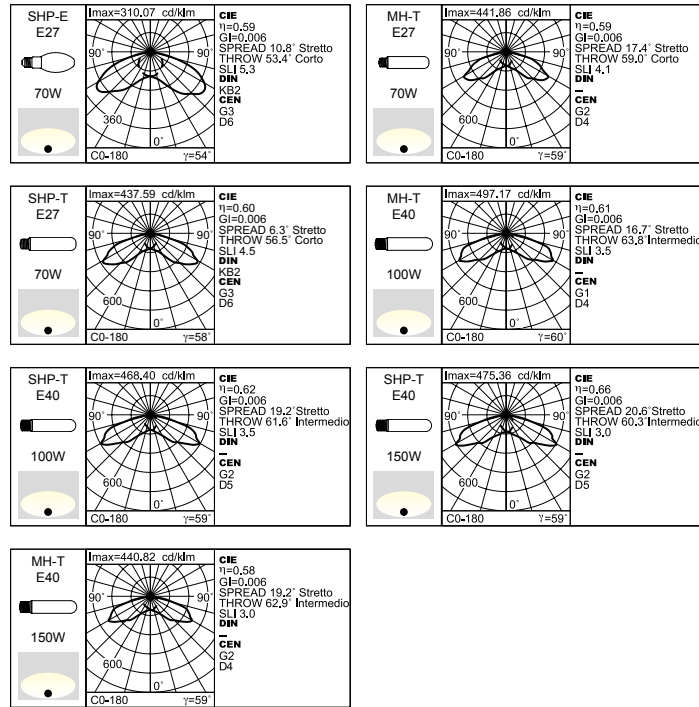
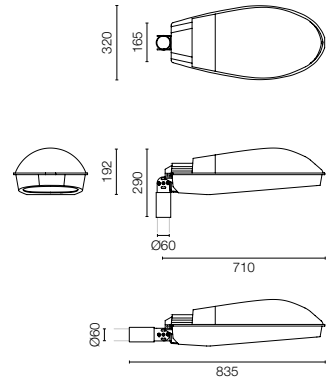






Source	Power	Socket	W [kg]	Code
SHP-E	70W	E27	8.80	75348.38
MH-T / SHP-T	70W	E27	8.80	75349.38
MH-T / SHP-T	100W	E40	8.80	75350.38
MH-T / SHP-T	150W	E40	8.80	75351.38

IP65 0.10 m²
 For information on ordering poles, see page 540







SQUADRA/BILICO

DESIGN: MATTEO NUNZIATI, ALESSANDRO SCANDOLA

A curved profile that shapes light,
folding it to the desire of the designer.
A square soul that harnesses a
technological content in an elegant,
hard-wearing casing. Both realities
coexist in Squadra, in a harmony of
forms and uncommon performance.





SQUADRA ARM TYPE 1

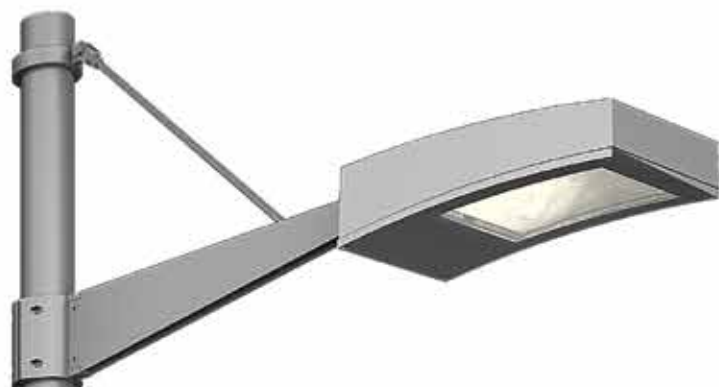
SQUADRA BILICO ARM



SQUADRA WALL-MOUNTED



SQUADRA ARM TYPE 2



SQUADRA ARM TYPE 3



The Squadra range offers many different fixture, arm and pole combinations, meaning it is suitable for a large number of applications which integrate into the surrounding environment. The lighting designer can tailor the individual system features by installing symmetrical, asymmetrical, sidewalk and street optics.

Types of optic



Symmetrical optic

Symmetrical light distribution to guarantee good levels of horizontal lighting.



MH 70W RX7s					
H	B	I	Em	Emin	
6,00	8,00	14,00	10	3	

Asymmetrical optic

Frontal projection for large spaces. Where this optic is used, fixtures can be installed around the perimeter of the area to be illuminated.
Illumination class: S2



MH 70W RX7s					
H	B	I	Em	Emin	
4,00	4,00	18,00	21	5	

Sidewalk optic

The sidewalk optic is ideal for pedestrian walkways and cycle paths, and can be combined with the street optic without interfering with road traffic; the optic system also helps to save energy by increasing spacing distances.
Illumination class: S1



MH 150W RX7s-24							
H	B	I	Lm	Uo	UL	TI	
6,00	6,00	20,00	1,3	0,4	0,6	3	

Street optic

The street optic has been designed so as to concentrate most of the light it produces onto the road surface below, meaning that fewer installations are required and thus limiting maintenance and electricity costs.
The optic system can be used to achieve high and uniform luminance on the road while limiting glare.
Illumination class: ME3b



- Road surface C2, q0=0.070
- H= fixture height [m]
- B = road width [m]
- I= distance between poles [m]
- Lm= average maintained luminance [cd/m²]
- Uo= general uniformity of luminance
- UL= longitudinal uniformity of luminance
- TI= physiological glare index [%]
- Em= average illuminance [lx]
- Emin= minimum illuminance [lx]



Body

The die-cast aluminium body, curved tempered glass, super purity aluminium optics, stainless steel screws and integrated electrical components guarantee the fixture conforms to IP65 protection degree and insulation class II standards. Light source replacement and maintenance procedures are facilitated by the simple design of the fixture, which also ensures it is easier to clean, without having to alter its position.

Steel bracket wall-mounting or standard pole-mounting options make the Squadra system a complete solution, suitable for even the most varied applications.

Light sources

Double-cap metal halide lamps (RX7s, Fc2); 70, 150 or 250 W.

High-pressure sodium lamps with the same electrical characteristics can also be installed in the same body.

Emissions

Symmetrical, asymmetrical, sidewalk and street optics for metal halide and sodium lamps.

Power supply

Integrated electromagnetic control gear unit with phased circuit or electronic control gear for the fluorescent lamp version.

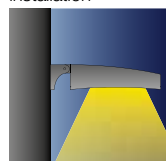
Accessories

Fixing brackets for wall/ceiling or floor. Cut-off screen.

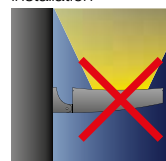
Colors

Satin-finish grey, anthracite grey or corten finishing.

example of correct installation



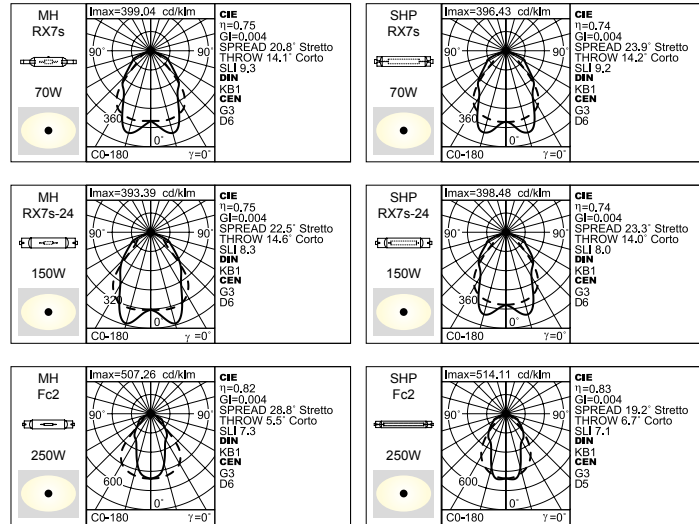
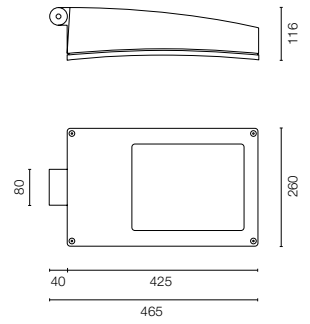
example of incorrect installation





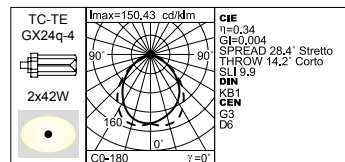
Source	Power	Socket	W [kg]	Code
MH	35W	G12	7.30	76021. __
MH / SHP	70W	RX7s	7.30	76001. __
MH / SHP	150W	RX7s-24	8.70	76000. __
MH	250W	Fc2	9.50	76002. __
SHP	250W	Fc2	9.50	76003. __

IP65 0.041 m²



Source	Power	Socket	W [kg]	Code
FL TC-TE	2x42W	GX24q-4	6.00	76020. __

IP65 0.041 m²



ACCESSORIES



wall, floor or ceiling-mounting attachment
code **76027.**__



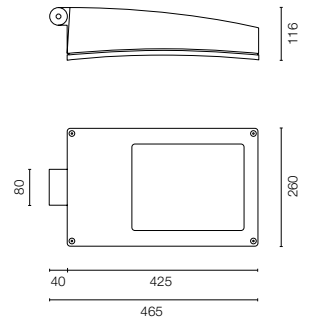
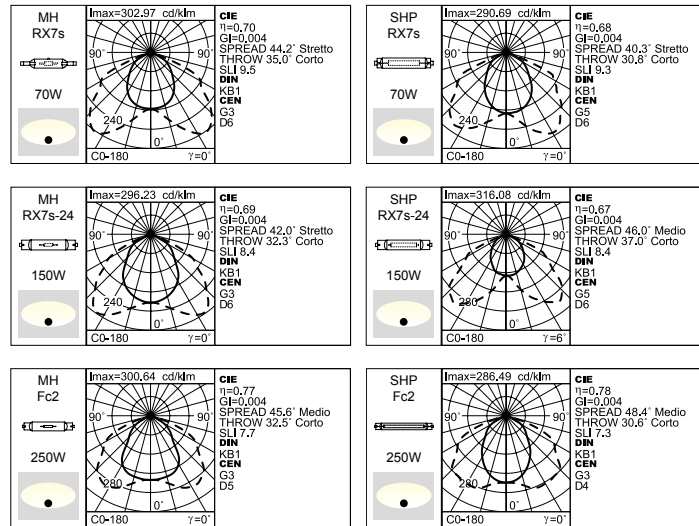
cut-off baffle
code **76025.00**



Source	Power	Socket	W [kg]	Code
MH	35W	G12	5.00	76023. __
MH / SHP	70W	RX7s	5.00	76011. __
MH / SHP	150W	RX7s-24	6.10	76010. __
MH	250W	Fc2	7.30	76012. __
SHP	250W	Fc2	7.30	76013. __

IP65 0,041 m²

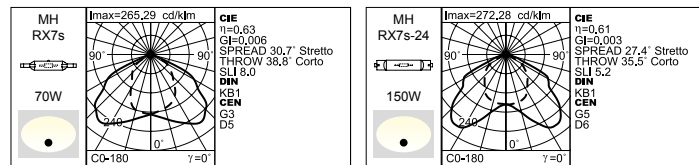
sidewalk emission



Source	Power	Socket	W [kg]	Code
MH	70W	RX7s	7.30	76016. __
MH	150W	RX7s-24	8.50	76018. __

IP65 0,041 m²

street emission



ACCESSORIES



wall, floor or ceiling-mounting attachment
code **76027.**__

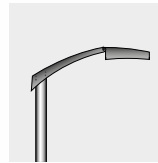


cut-off baffle
code **76025.00**

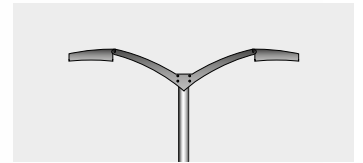
Description	Diagram	Code
single arm type 1 for pole top Ø 60		76028._
double arm type 1 for pole top Ø 60		76029._
single arm type 2 for pole top Ø 89		76335._
double arm type 2 for pole top Ø 89		76336._
arm type 3 wall-mounted		76339._
single arm type 3 for pole top Ø 89		76337._
double arm type 3 for pole top Ø 89		76338._
Bilico attachment for pole top Ø 60		76024._



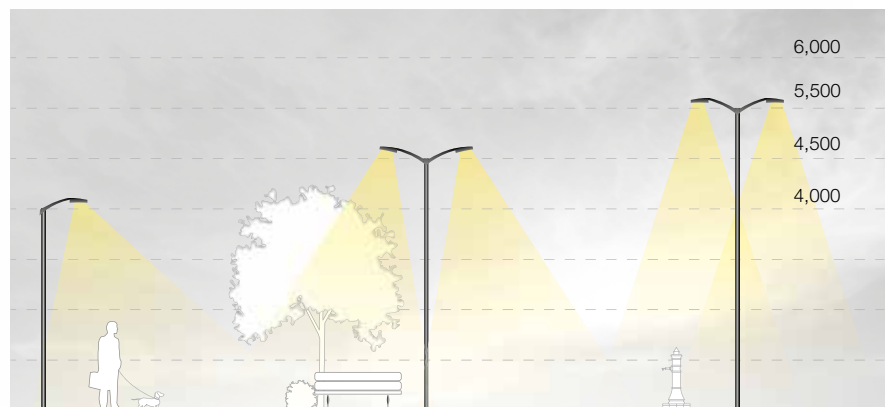
single arm

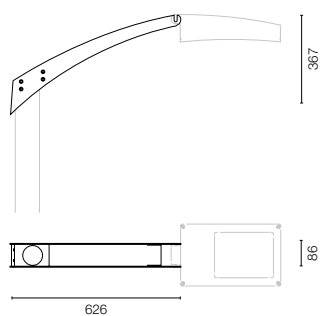


double arm

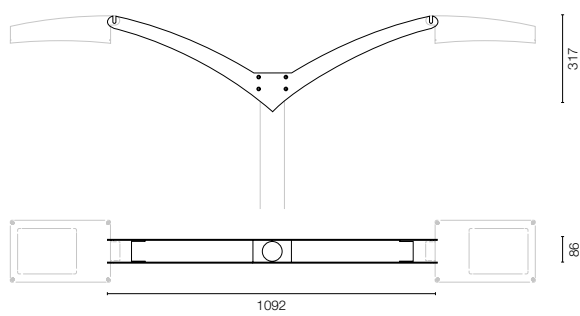


The type 1 arms, together with the many poles available and the Squadra fixture, make it suitable for use in urban and public environments. The professional optics and compact nature of the fixture, together with its pleasant appearance, are capable of satisfying all client requests.





single type 1 arm
for pole top Ø60
code **76028**._



double type 1 arm
for pole top Ø60
code **76029**._

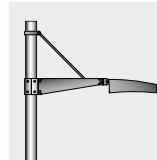
For information on ordering poles, see page 540



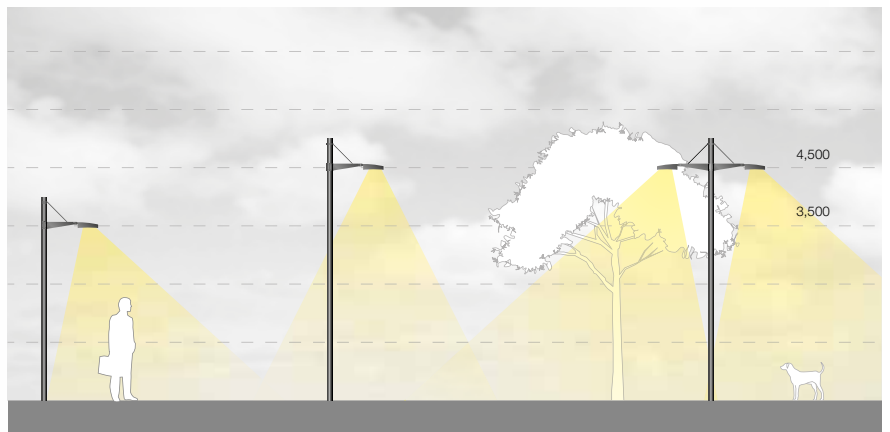
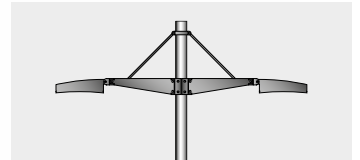


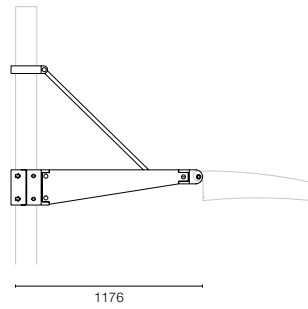
The range types and pole customisation options make it possible to develop a visually simple product. Suitable for a wide range of different installations.

single arm

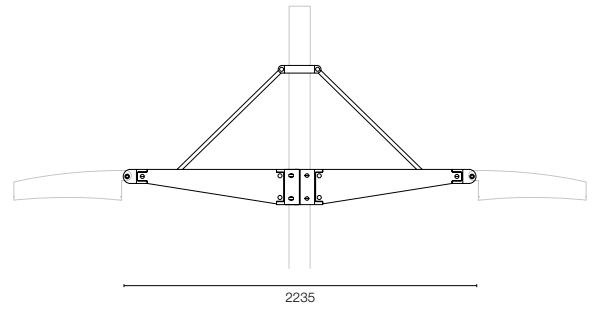


double arm





Type 2 single arm
for pole top Ø89
code **76335**__



Type 2 double arm
for pole top Ø 89
code **76336**__

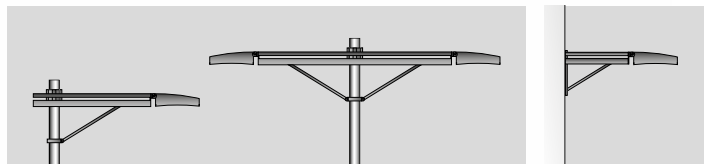
For information on ordering poles, see page 540



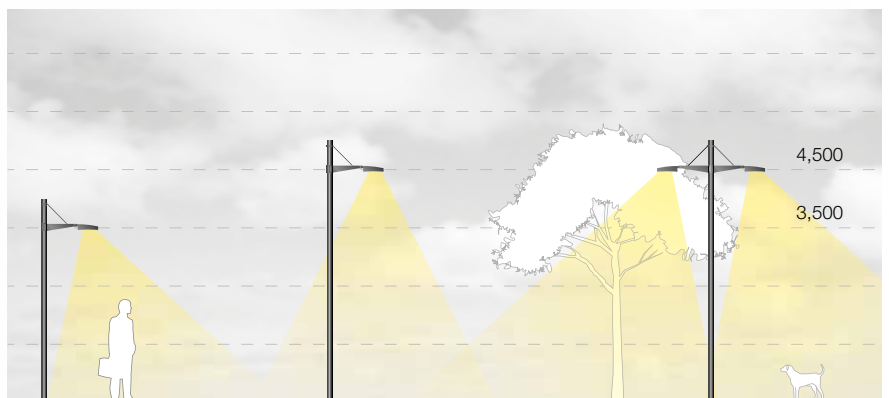


single arm and double arm

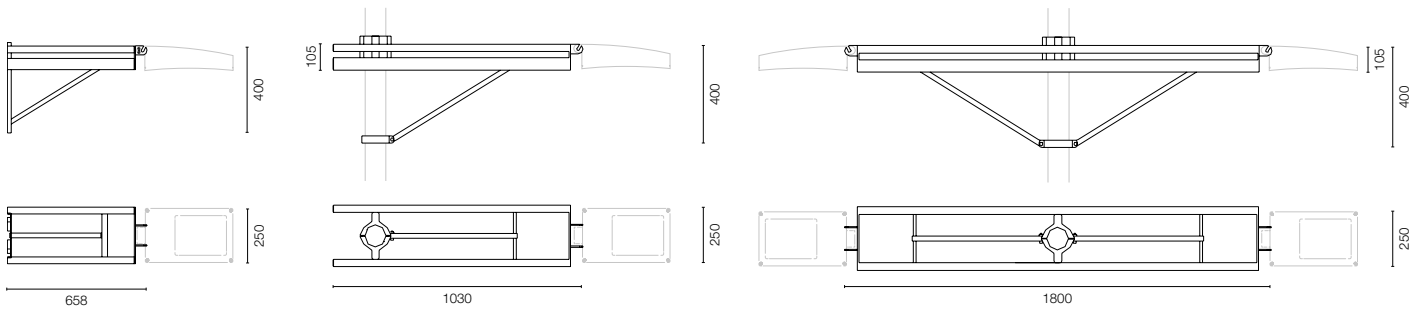
wall-mounting arm



Lighting system can be installed to poles or wall-mounted and is designed for urban or residential areas. There are many different technical solutions available: single arm, double arm and wall-mounting arm.



68 86 79



type 3 arm
wall-mounted
code **76339**__

single type 3 arm
for pole top Ø 89
code **76337**__

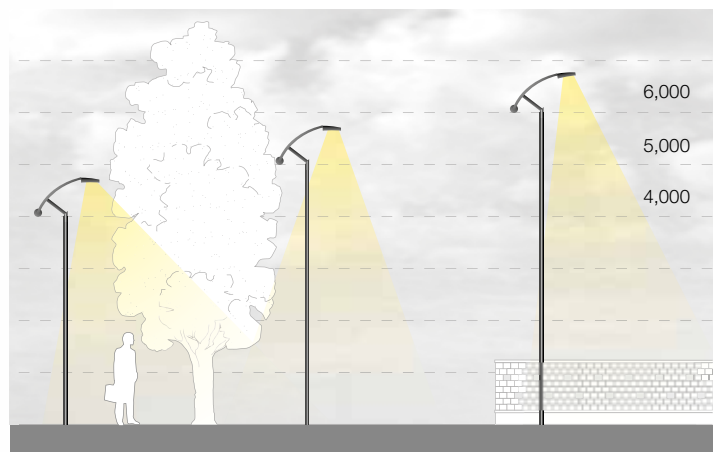
double type 3 arm
for pole top Ø 89
code **76338**__

For information on ordering poles, see page 540

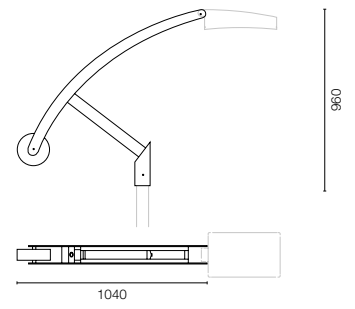




The result of in-depth research into the relationships defining the city, the Bilico arm showcases the features of logic and attention to detail, combined with just the right amount of expressive vitality.



68 86 79



Bilico attachment for pole top Ø 60
code 76024. __

For information on ordering poles,
see page 540









NOD

DESIGN: RUSCONI, CLERICI E AGNOLETTO

Where design and technology meet, here lies innovation. Nod develops these aspects both for its elegant, discreet look and the clean-cut solutions adopted, which adapt to suit both well-established sources and the new LED frontier.





Body

Die-cast aluminium body and pole-top mounting system, contoured anodised steel support arms. Tempered safety glass. In the LED version the diffuser screen is in molded PMMA 3mm thick. Tempered glass closing screen. Aluminium reflector subjected to metal plating treatment. Rotation of the optics structure around the support arms $\pm 15^\circ$.

Light sources

22 or 44 LEDs available in a Warm White (3400K), Neutral White (4000K) or Cool White (5000K) version. 70/150W metal halide lamp with Rx7s and G12 fitting, and 70/150 W SHP lamp.

Emissions

Asymmetric or roto-symmetric. Sidewalk emission in the LED version.

Power supply

Integrated electronic and electromagnetic control gear.

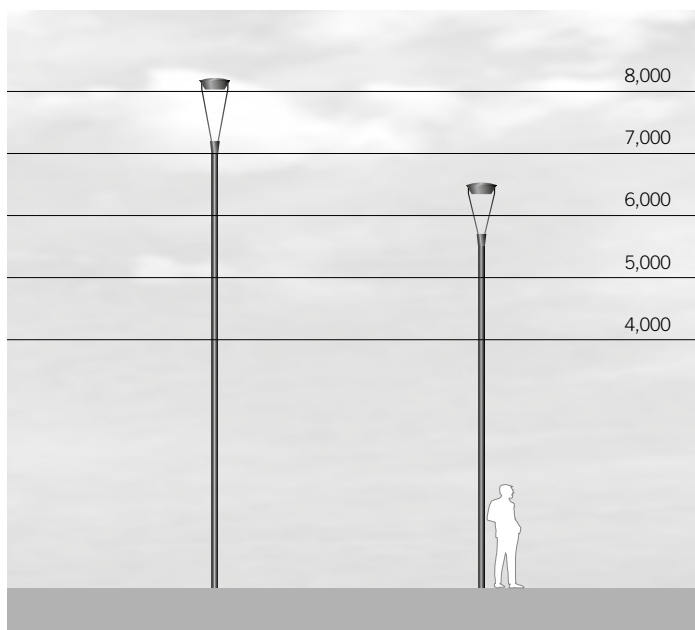
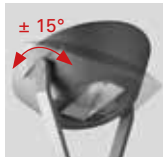
Accessories

Pole diameter 102mm, various heights.

Colors

Textured grey or anthracite grey.

head tilt $\pm 15^\circ$

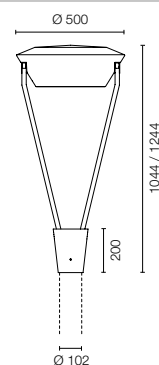




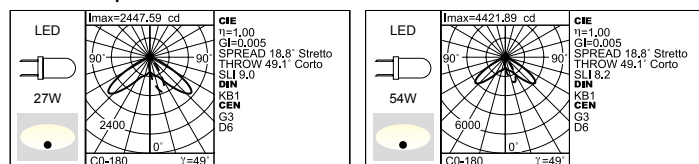
LED

Source	Power	Color temperature [K]	L [mm]	W [Kg]	Code
22 LED	27W	5000	1044	22,0	78680._CW
44 LED	54W	5000	1044	22,0	78681._CW
22 LED	27W	5000	1244	23,0	78682._CW
44 LED	54W	5000	1244	23,0	78683._CW
22 LED	27W	4000	1044	22,0	78680._NW
44 LED	54W	4000	1044	22,0	78681._NW
22 LED	27W	4000	1244	23,0	78682._NW
44 LED	54W	4000	1244	23,0	78683._NW
22 LED	27W	3400	1044	22,0	78680._WW
44 LED	54W	3400	1044	22,0	78681._WW
22 LED	27W	3400	1244	23,0	78682._WW
44 LED	54W	3400	1244	23,0	78683._WW

IP65 0,04 m²
For information on ordering poles, see page 540

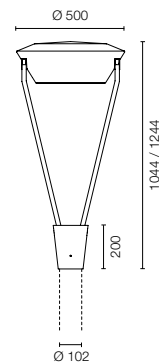


sidewalk optic

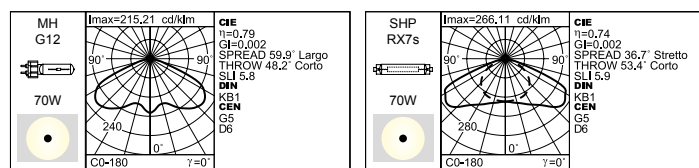


Source	Power	Socket	L [mm]	W [Kg]	Code
MH	70W	G12	1044	23,0	78602._
MH	150W	G12	1044	23,0	78603._
MH / SHP	70W	RX7s	1044	22,0	78605._
MH / SHP	150W	RX7s-24	1044	22,0	78606._
MH	70W	G12	1244	23,0	78612._
MH	150W	G12	1244	23,0	78613._
MH / SHP	70W	RX7s	1244	22,0	78615._
MH / SHP	150W	RX7s-24	1244	22,0	78616._

IP65 0,04 m²
For information on ordering poles, see page 540



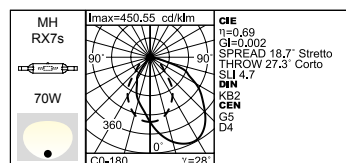
rotosymmetrical optic



Source	Power	Socket	L [mm]	W [Kg]	Code
MH / SHP	70W	RX7s	1044	23,0	78600._
MH / SHP	150W	RX7s-24	1044	23,0	78601._
MH / SHP	70W	RX7s	1244	23,0	78610._
MH / SHP	150W	RX7s-24	1244	23,0	78611._

IP65 0,04 m²
For information on ordering poles, see page 540

asymmetrical optic



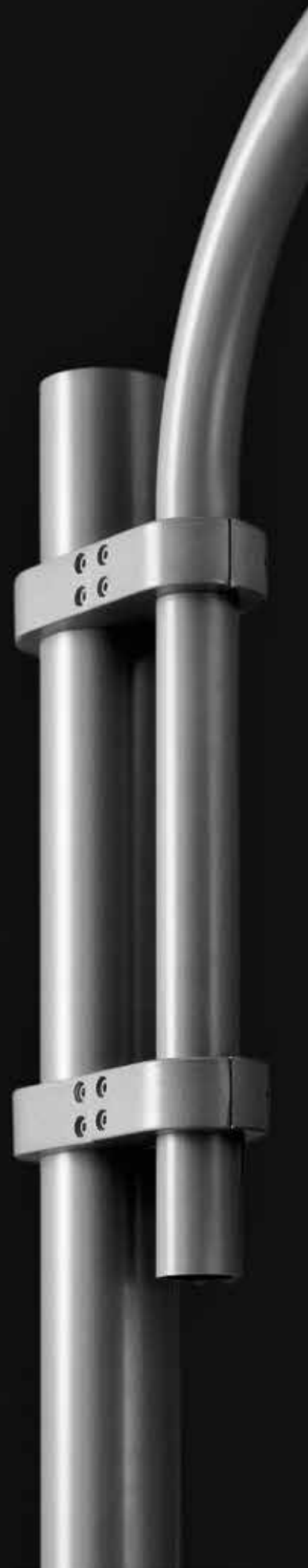




NOVI PALO

DESIGN: MARCO CASAMONTI

The evolution of the design and function is the key to progress in design. The traditional industrial element reviewed and laid out according to the new functional needs makes Novi Palo an object that can be included in multiple urban contexts, suggesting new viewpoints and innovative lighting concepts.

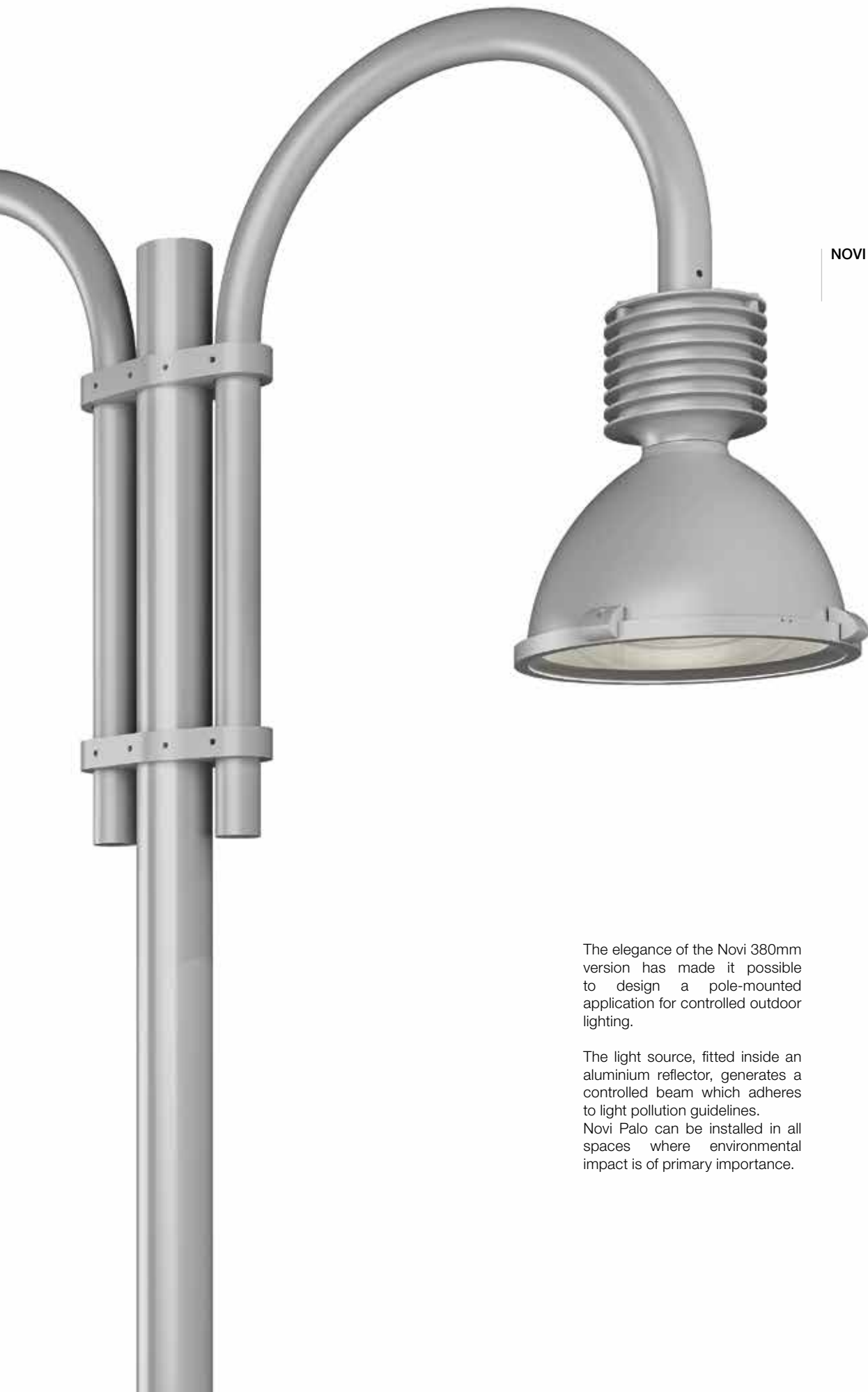






NOVI PALO SINGLE





NOVI PALO DOUBLE

The elegance of the Novi 380mm version has made it possible to design a pole-mounted application for controlled outdoor lighting.

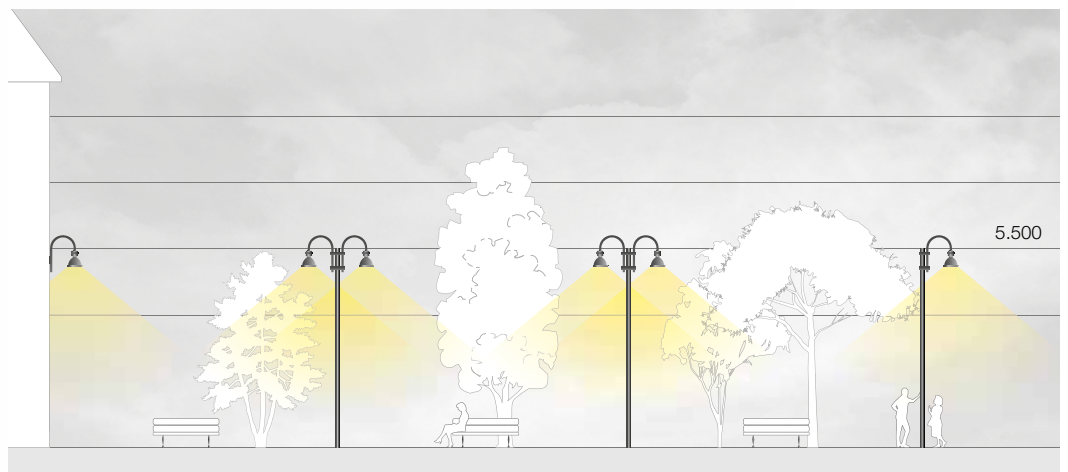
The light source, fitted inside an aluminium reflector, generates a controlled beam which adheres to light pollution guidelines. Novi Palo can be installed in all spaces where environmental impact is of primary importance.

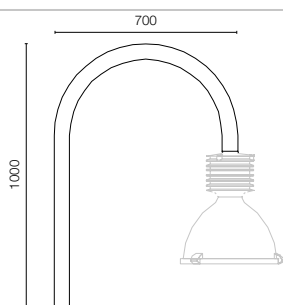


single arm

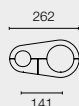
double arm

wall attachment

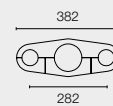




curved arm $\varnothing=60$ mm. code **76783**._



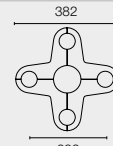
single fixing bracket
for pole
 $\varnothing=102$ mm
code **76785**._



double fixing
bracket for pole
 $\varnothing=102$ mm
code **76786**._

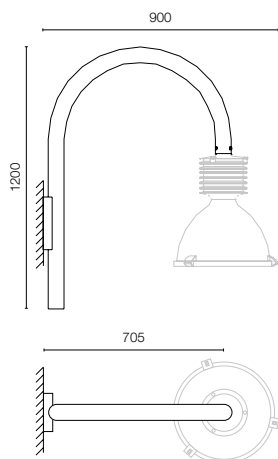


triple fixing bracket
for pole
 $\varnothing=102$ mm
code **76787**._



quadruple fixing
bracket for pole
 $\varnothing=102$ mm
code **76788**._

Note: two brackets have to be purchased for fixing the product.
For information on ordering poles, see page 540



curved arm for wall-mounted fixture code **76784**._



DESIGN: MARCO CASAMONTI



Body

Aluminium reflector body, die-cast end cap, transparent safety glass fitted inside a bezel and held in place with an extruded silicone gasket.

Light sources

Metal halide or high-pressure sodium lamps. Also available in versions with 42W and 57W compact fluorescent lamps.

Emissions

Diffused light distribution.

Power supply

Electromagnetic control gear on metal halide and sodium versions. Electronic ballasts on fluorescent lamp versions.

Accessories

Wall or pole mounting brackets.

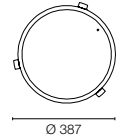
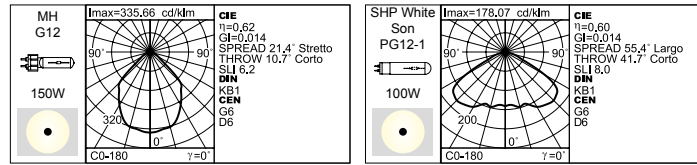
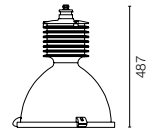
Colors

Satin grey, anthracite grey or corten finish.

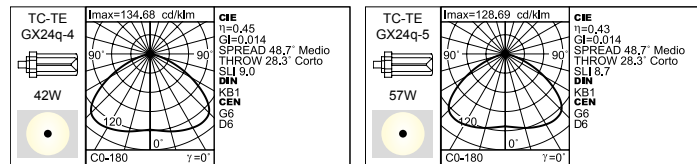




Source	Power	Socket	W [kg]	Code
MH	150W	G12	11.0	76770. _
SHP White Son	100W	PG12-1	11.0	76771. _



Source	Power	Socket	W [kg]	Code
FL TC-TE	42W	GX24q-4	10.0	76772. _
FL TC-TE	57W	GX24q-5	11.0	76773. _

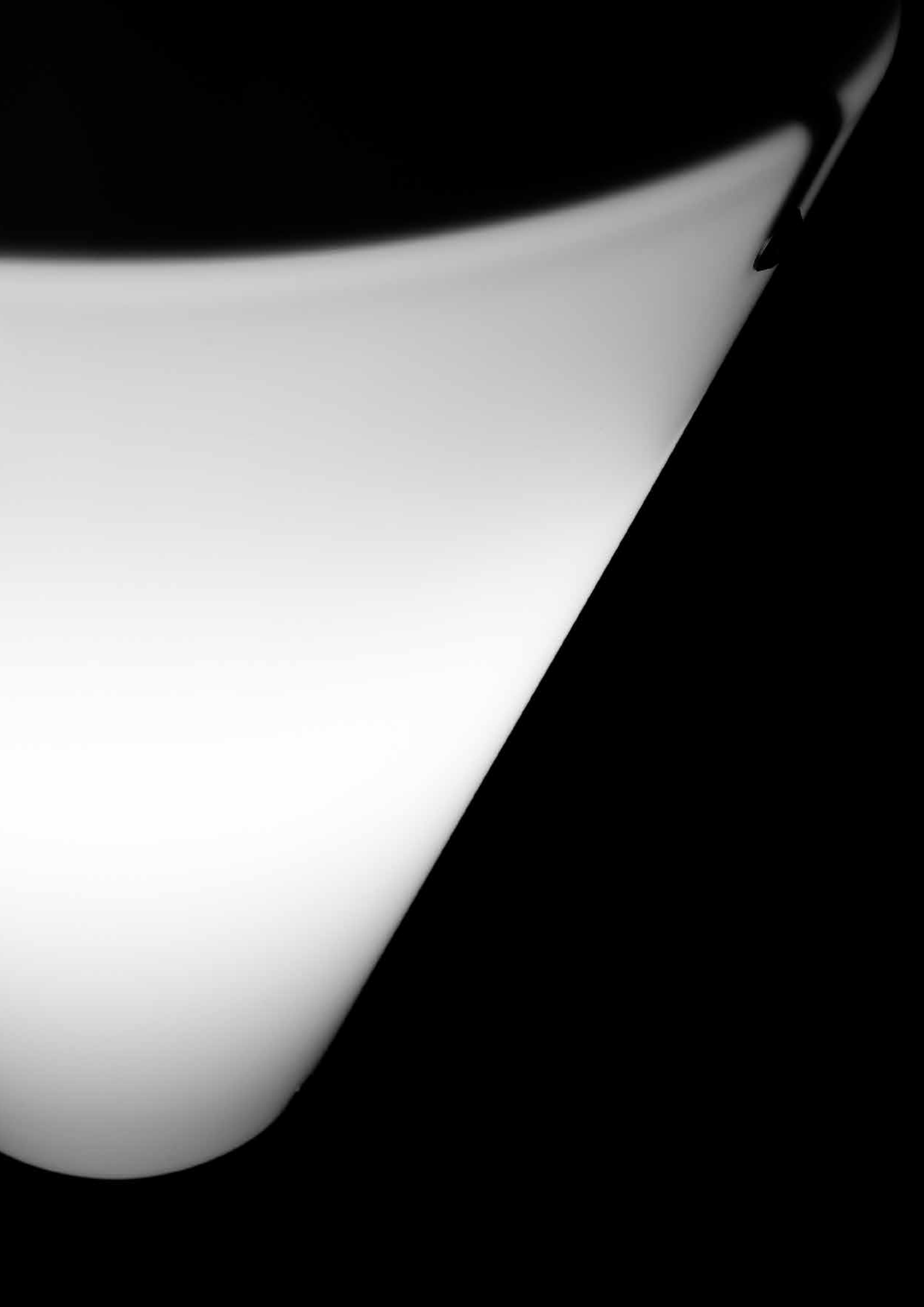




ALMIRA

DESIGN: MAURO SAITO

A new concept for an antique object: Almira is together a lantern and a torch, with the new style given by thermoformed plastics. Not only an object of light, but a re-edited reference to old traditional lighting systems.



DESIGN: MAURO SAITO



Body

White painted aluminium structure with shockproof thermoformed methacrylate diffuser. Available in two sizes, 650 and 900mm.

Light sources

70W, 150W and 250W metal halide lamps, with E27 or E40 fitting.

Emissions

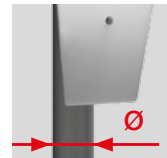
Radial diffuse emission.

Power supply

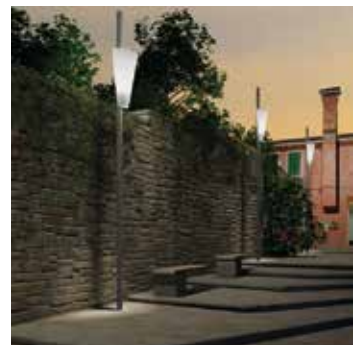
Integrated electromagnetic control gear.

Colors

Opal white diffusing body and fixing bracket with satin grey and anthracite grey finish.



Pole mounts,
diameter
102 mm



ALMIRA 650

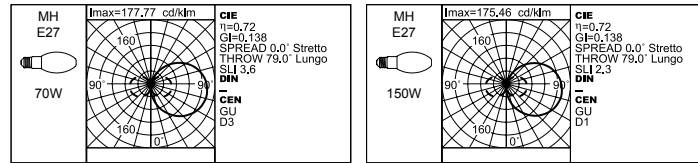
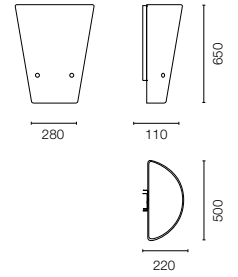
68 86



Source	Power	Socket	W [kg]	Code
MH	70W	E27	11.0	76790. __
MH	150W	E27	12.0	76791. __

IP54

 requires standardized lamps: 70W / 1A and 150W / 1.8A
 for the twin version, order two fixtures



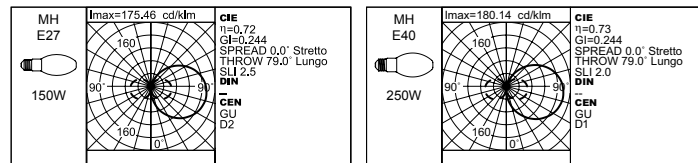
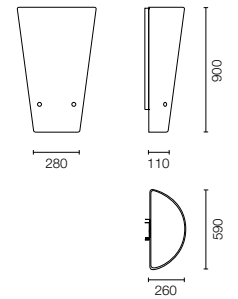
ALMIRA 900

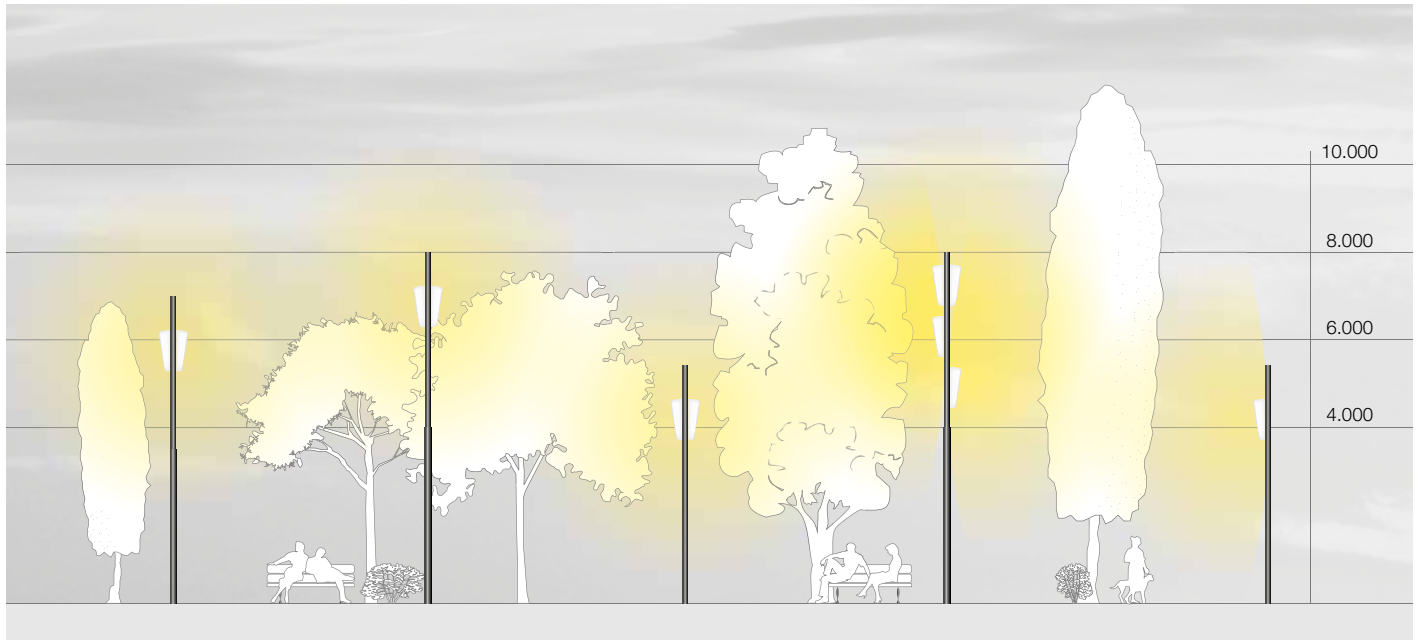


Source	Power	Socket	W [kg]	Code
MH	150W	E27	14.0	76792. __
MH	250W	E40	15.0	76793. __

IP54

 requires standardized lamps: 150W / 1.8A and 250W / 3A
 for the twin version, order two fixtures



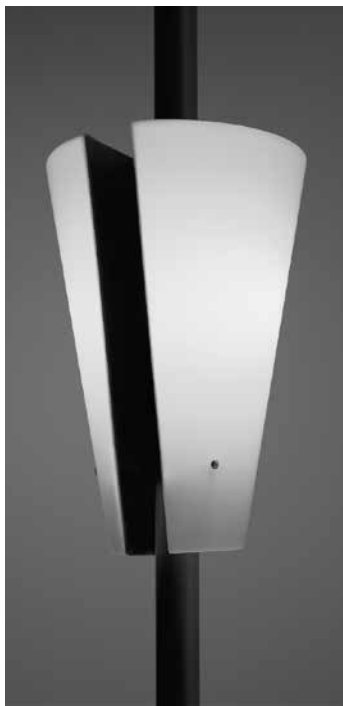


For more information on ordering poles, please see page 540

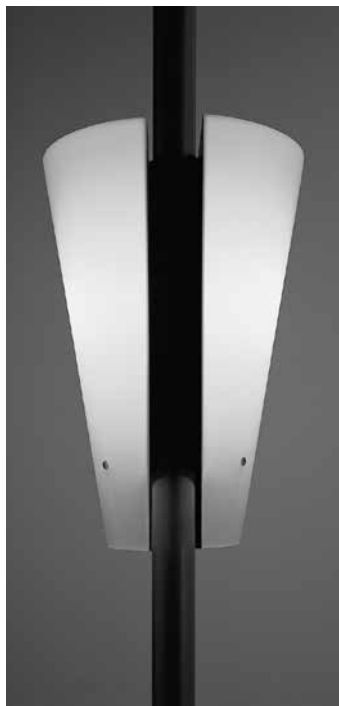
Usage example: Almira single



Usage example: Almira twin



Almira twin - side view



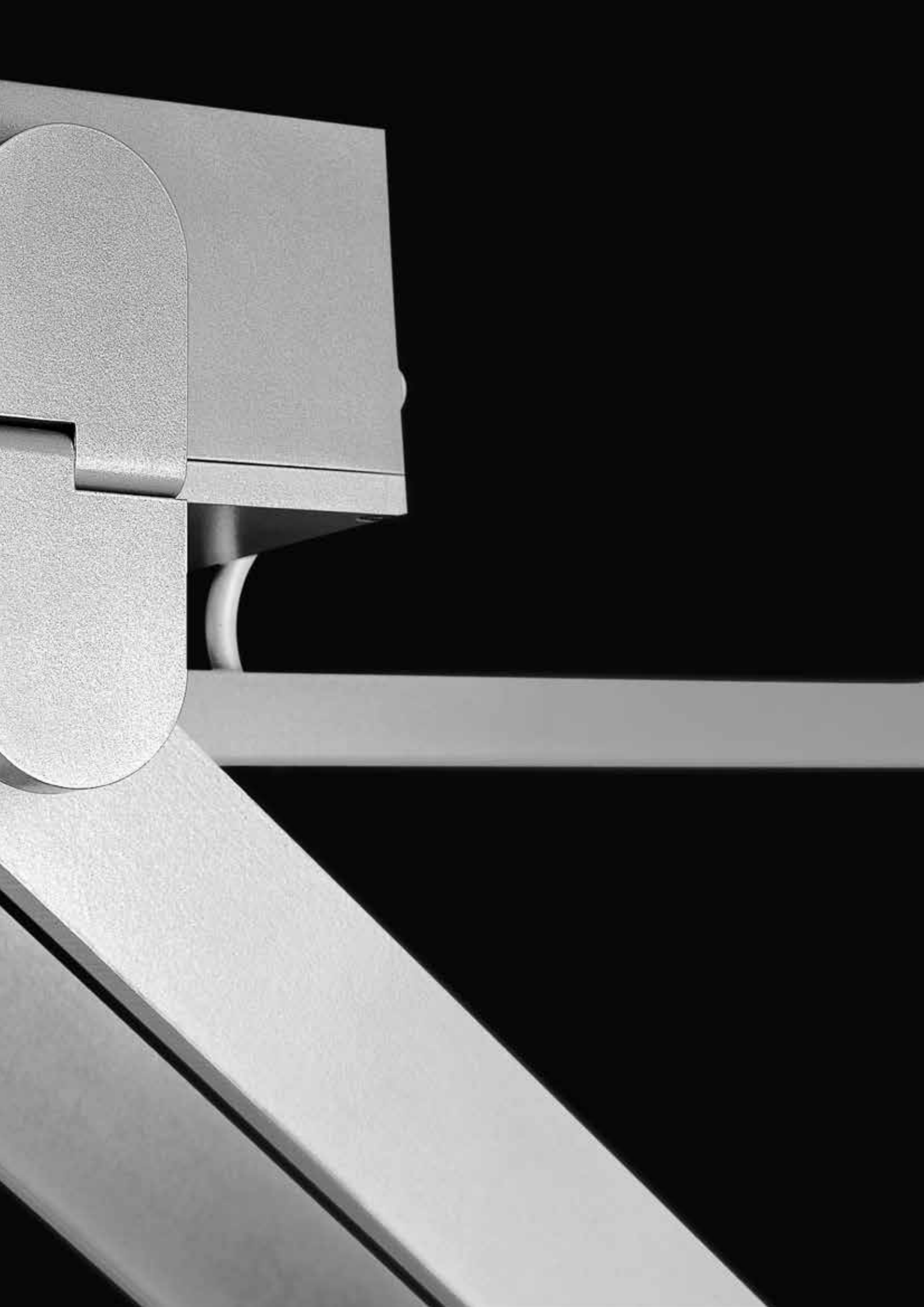


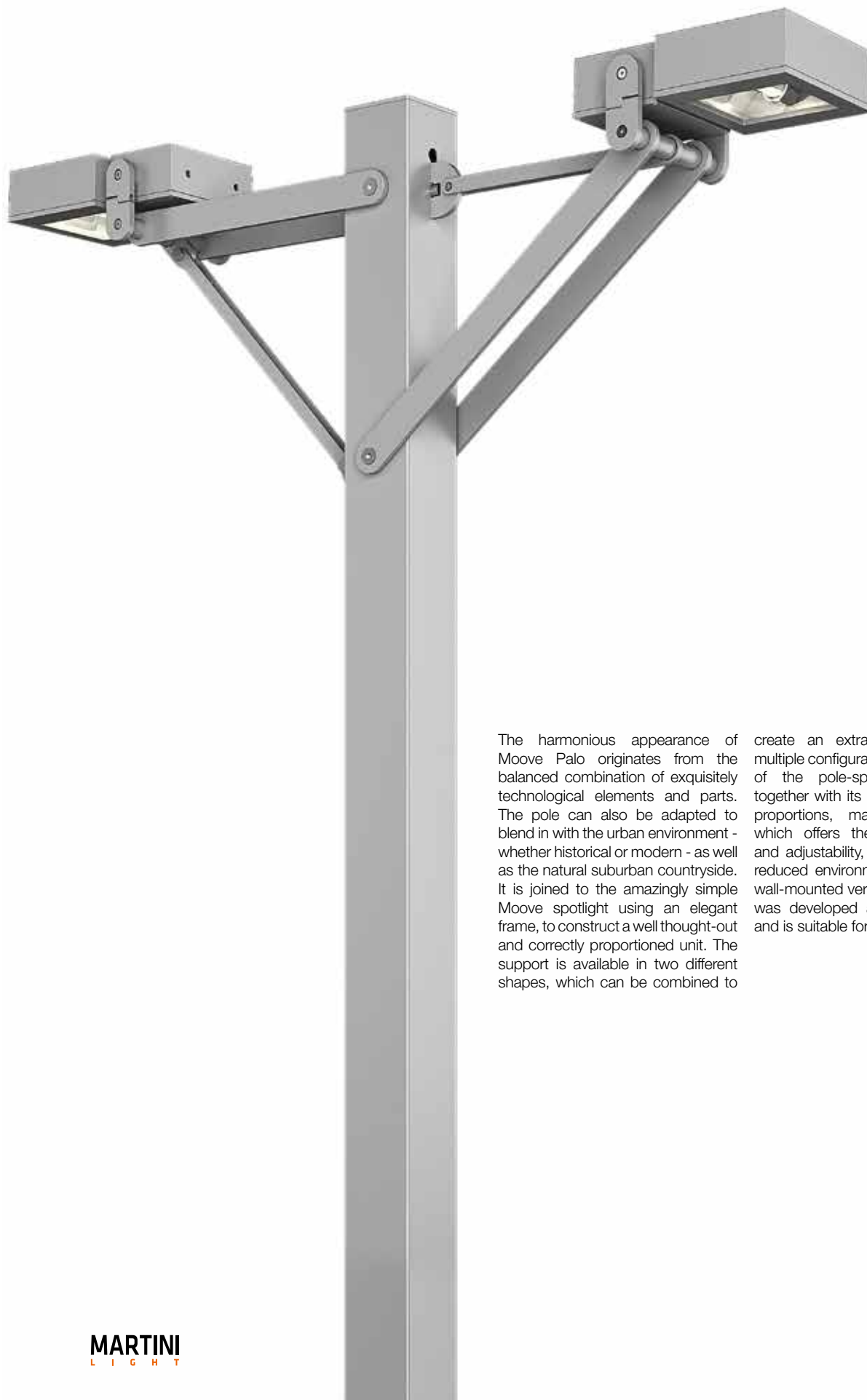


MOOVE PALO

DESIGN: BARIN, FACCHINETTI, LAZZERI, ZORZOLI

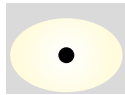
Measure and proportion are translated into lines and supports, straight angles and bearing joints to create a light project where technology and clean shapes are a reason for existence. Moove Palo stems from blending intuition and technique.





The harmonious appearance of Moove Palo originates from the balanced combination of exquisitely technological elements and parts. The pole can also be adapted to blend in with the urban environment - whether historical or modern - as well as the natural suburban countryside. It is joined to the amazingly simple Moove spotlight using an elegant frame, to construct a well thought-out and correctly proportioned unit. The support is available in two different shapes, which can be combined to create an extraordinarily beautiful multiple configuration. The properties of the pole-spotlight apparatus, together with its extremely compact proportions, make it a system which offers the utmost flexibility and adjustability, with a significantly reduced environmental impact. The wall-mounted version of Moove Palo was developed at the same time, and is suitable for wall installation.

Types of optic



Symmetrical optic

Symmetrical light distribution to guarantee good levels of horizontal lighting.



MH 70 W RX7s				
H	B	I	Em	Emin
4.50	7.00	13.50	21	5

Asymmetrical optic

Frontal projection for large spaces. Where this optic is used, fixtures can be installed around the perimeter of the area to be illuminated.
Illumination class: S1



Road surface C2, $q_0=0.070$
 H= fixture height [m]
 B = road width [m]
 I= distance between poles [m]
 Em= average illuminance [lx]
 Emin= minimum illuminance [lx]

Installation examples



Wall installation

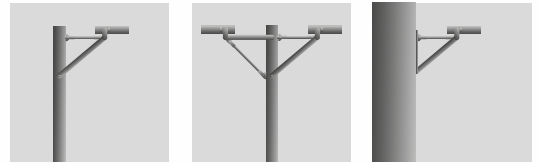
Wall-mounted installation eliminates the need for a pole in applications where space is limited and guarantees continuity, whether street or asymmetrical fixtures are used.



single arm

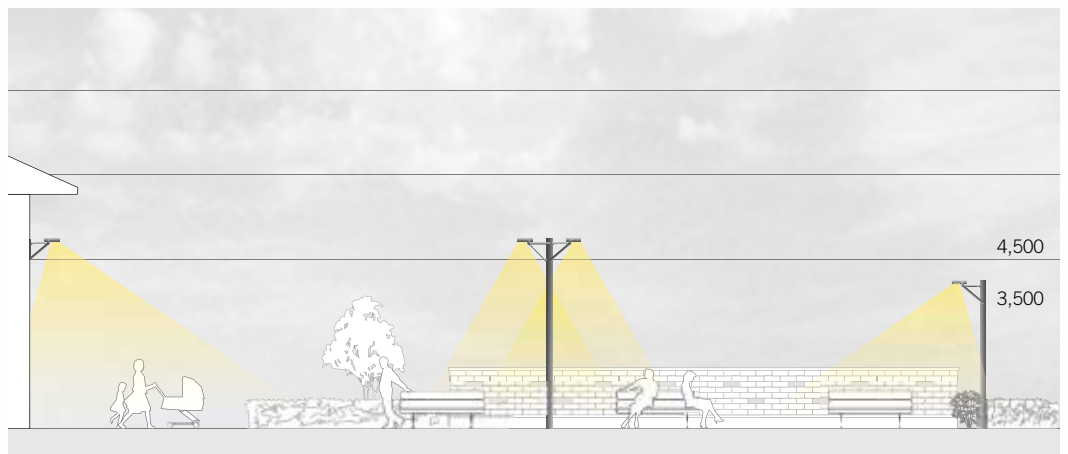
double arm

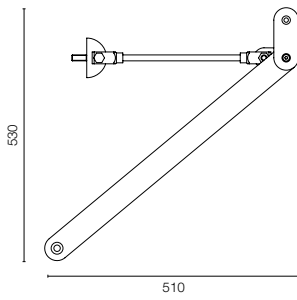
wall attachment



The arms, together with the many poles available and the Moove fixture, make it suitable for use in urban and public environments.

The professional optics and compact nature of the fixture, together with its pleasant appearance, are capable of satisfying all client requests.

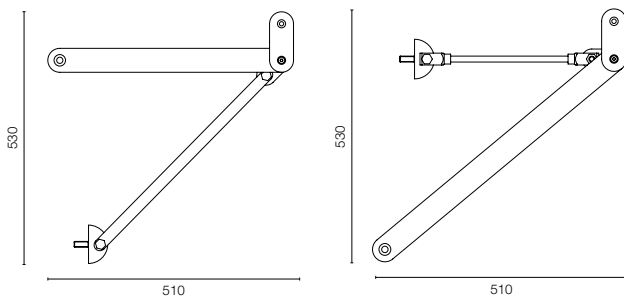




arm for single installation
code **76540.**__

Pole for single arm 120x120				
Description	L base [mm]	D top [mm]	L [mm] above ground	Code
with flange	120	120	3500	76535. __
	120	120	4500	76536. __
buried	120	120	3500	76532. __
	120	120	4500	76533. __

Pole for double arm 120x120				
Description	L base [mm]	L top [mm]	L [mm] above ground	Code
with flange	120	120	3500	76555.68
	120	120	4500	76556.68
buried	120	120	3500	76552.68
	120	120	4500	76553.68



arms for double installation code **76542.**__ and code **76540.**__

The poles are made using S235JR steel and are hot galvanised in compliance with the EN40-4 standard. They are finished with a grey polyester powder paint coat. All poles are supplied with a protective closing head, terminal board, fuse-holder (fuse not included) and terminal board cover.

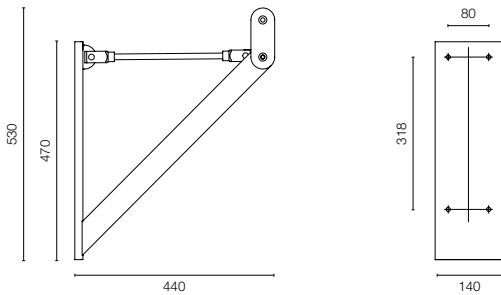
All poles are approved for 1 street fixture in zone 7 (wind speed 29 m/s). When mounting two or more fixtures on a single pole, a stability test must be requested by contacting the Martini S.p.A. customer service.

With 186x45 mm slot

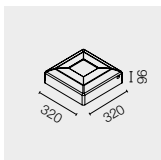
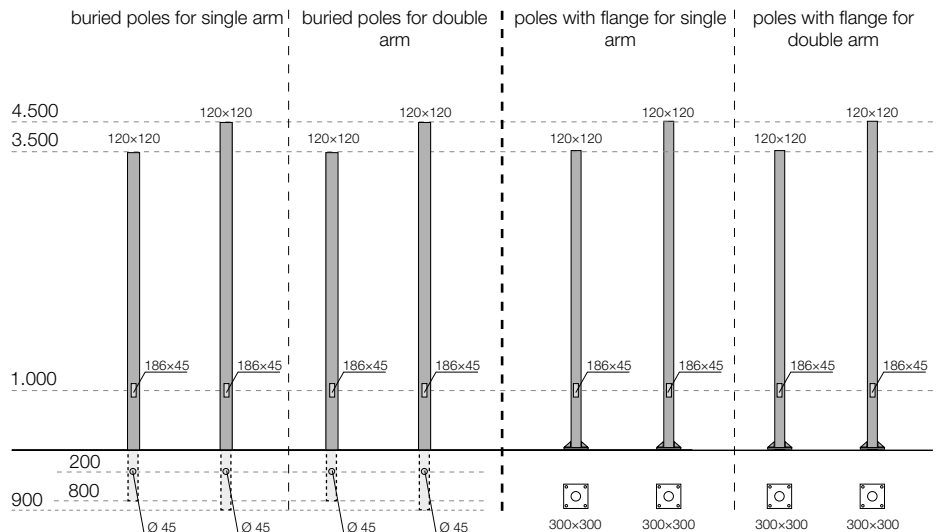
Four-pole, 3-way monoblock terminal board with in/out power supply terminal up to size 16 mm² and branch terminal to the lamp up to size 2.5 mm², double insulated (Class II).

Disconnectable fuse-holder (fuse not included).

Lid for covering slot, IP43



wall-mounting attachment arm
code **76545.**__



cover
code **76549.**__

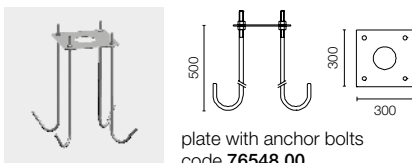


plate with anchor bolts
code **76548.00**



RESIDENTIAL



URBAN



Body

Die-cast aluminium fixture, with powder coating finish and tempered glass screen. The lamp compartment can be rotated $\pm 20^\circ$ around the horizontal axis and fixed in any position. The wiring compartment is separated from the lamp compartment in order to limit the effects of heat.

Light sources

Double-ended 70W and 150W metal halide and high-pressure sodium lamps.

Emissions

Symmetric and asymmetric parabolic optics.

Power supply

Integrated power factor corrected electromagnetic control gear.

Accessories

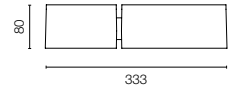
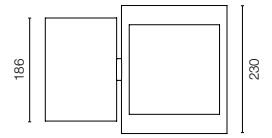
Poles with flange or to be buried and single or double arm for wall or pole installation.

Colors

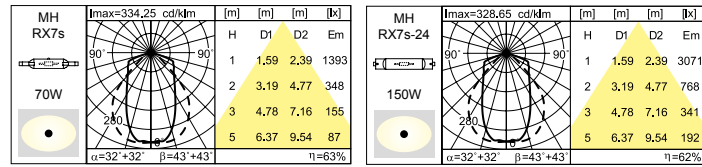
Satin-finish grey or anthracite grey.



Source	Power	Socket	W [kg]	Code
MH / SHP	70W	RX7s	6.50	76581. _
MH / SHP	150W	RX7s-24	7.00	76582. _



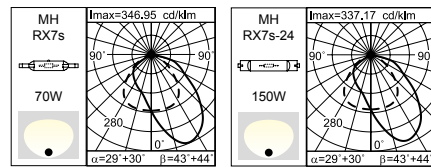
symmetrical optic

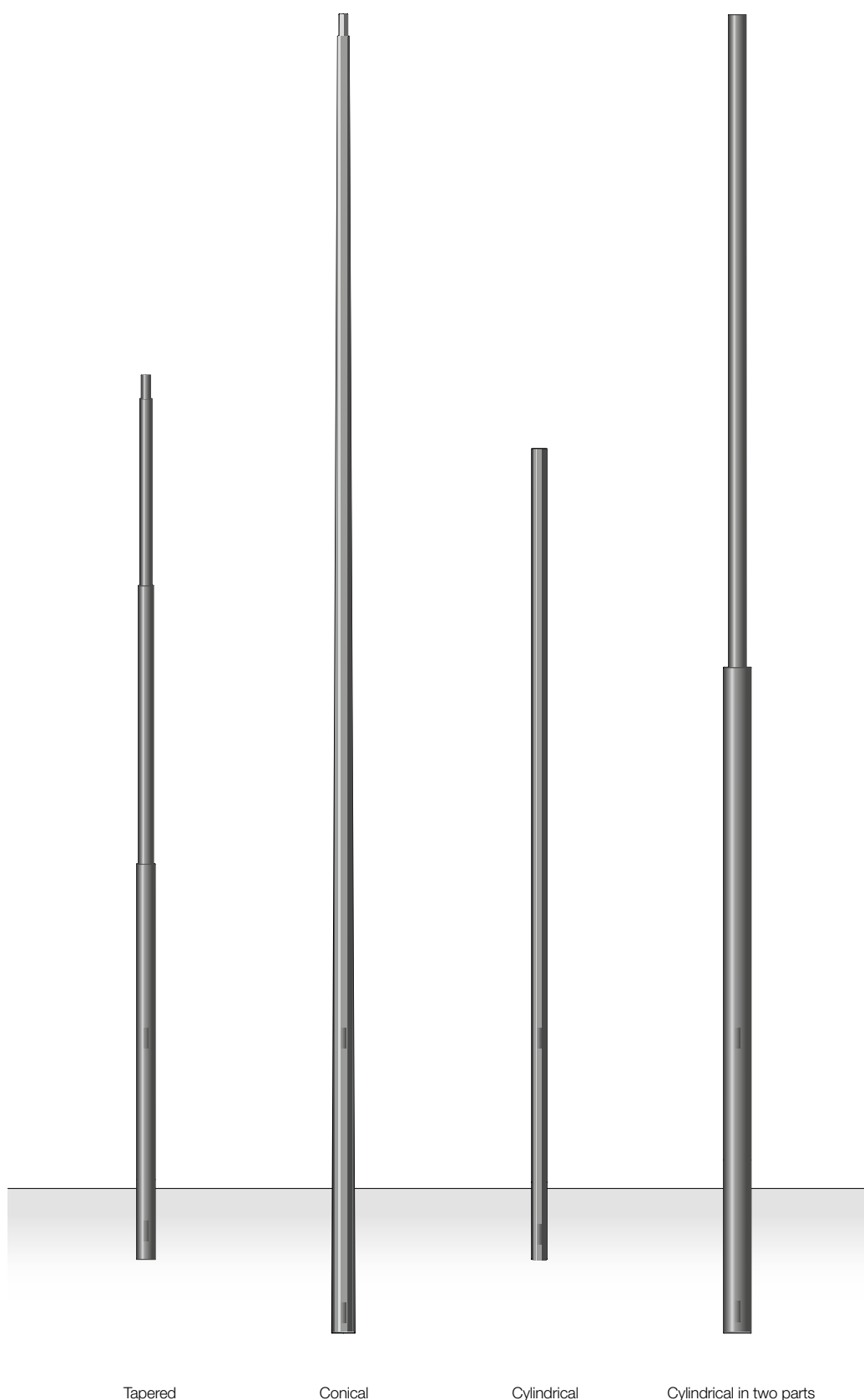


Source	Power	Socket	W [kg]	Code
MH / SHP	70W	RX7s	6.50	76585. _
MH / SHP	150W	RX7s-24	7.00	76586. _



asymmetrical optic





The poles are made using S235JR steel and are hot galvanised in compliance with the EN40-4 standard. They are finished with a polyester powder paint coat.

For poles up to 5.5 m above the ground, the terminal board slot measures 132×38 mm.

For poles over 6 m above the ground, the terminal board slot measures 186×45 mm. All poles are supplied with a protective closing head, terminal board, fuse-holder (fuse not included), terminal board cover and anchoring plate for flanged poles.

Poles measuring 8 m and 10 m can be constructed in two pieces to be assembled using stainless steel bolts.

With 132×38 mm slot

Four-pole, 3-way monoblock terminal board with in/out power supply terminal up to size 6 mm² and branch terminal to the lamp up to size 2.5 mm², double insulated (Class II).

Disconnectable fuse-holder (fuse not included).

With 186×45 mm slot

Four-pole, 3-way monoblock terminal board with in/out power supply terminal up to size 16 mm² and branch terminal to the lamp up to size 2.5 mm², double insulated (Class II).

Disconnectable fuse-holder (fuse not included).

Lid for covering slot, IP43

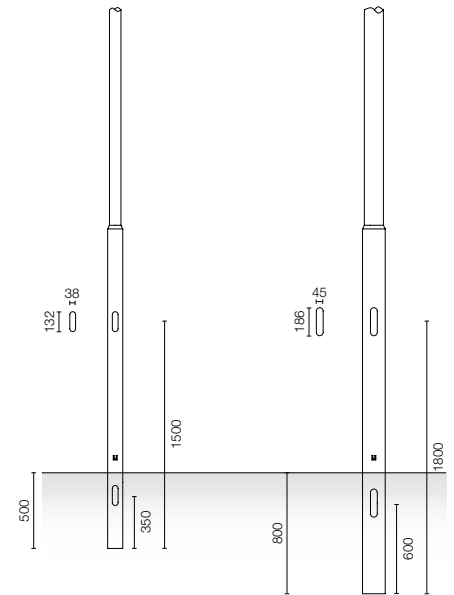
All poles are approved for 1 street fixture in zone 7 (wind speed 29 m/s).

When mounting two or more fixtures on a single pole, a stability test must be requested by contacting the Martini S.p.A. customer service.

68 86 79

BURIED POLES

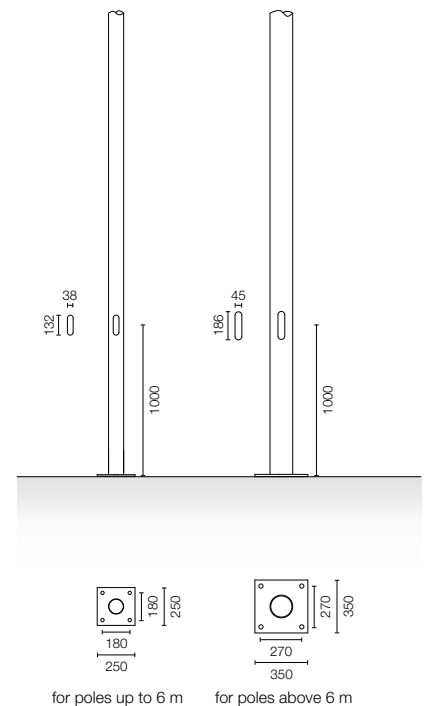
Description	Ø top [mm]	L [mm] off ground	Th [mm]	Code
tapered	60	4000	3	75822. __
	60	4500	3	75823. __
	60	5000	3	75866. __
	60	5500	3	75867. __
	60	6000	3	75868. __
conical	60	4000	3	76040. __
	60	5000	3	76041. __
	60	6000	3	76042. __
	60	4000	4	75862. __
	60	5000	4	75864. __
	60	6000	4	75865. __
	60	8000	4	75845. __
cylindrical	60	10000	4	75847. __
	89	3500	3	75800. __
	89	4500	3	75801. __
	102	4000	3	75820. __
	102	5000	3	75802. __
	102	5500	3	75870. __
	102	7000	4	75826. __
	120	5000	3	75803. __
	120	6000	3	75804. __
	140	8000	3	75805. __
cylindrical in two parts	140	8000	4	75806. __
	170	10000	4	75808. __
	190/120	8000	3	75807. __
	190/120	10000	4	75809. __



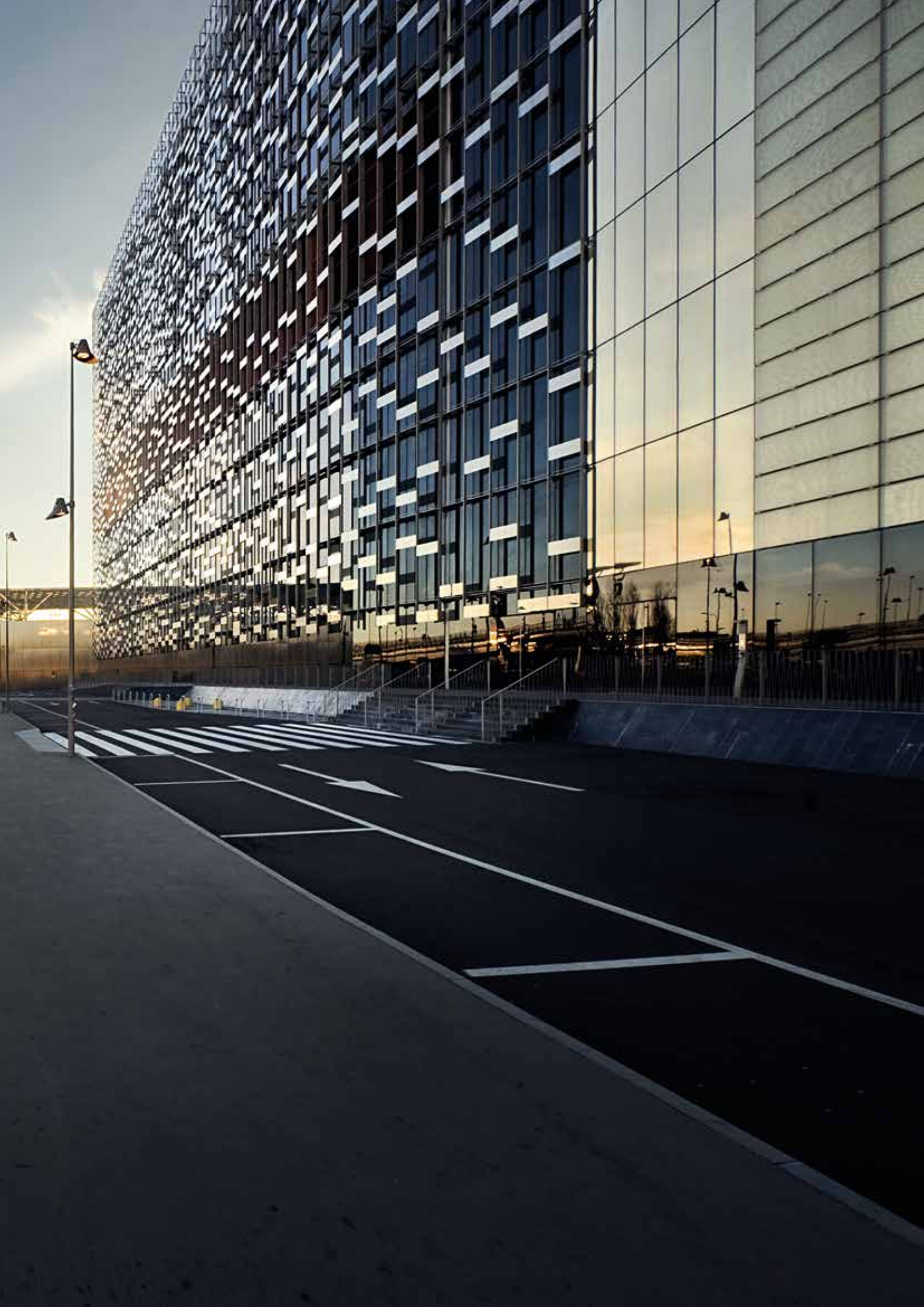
POLES WITH ANCHORING PLATE

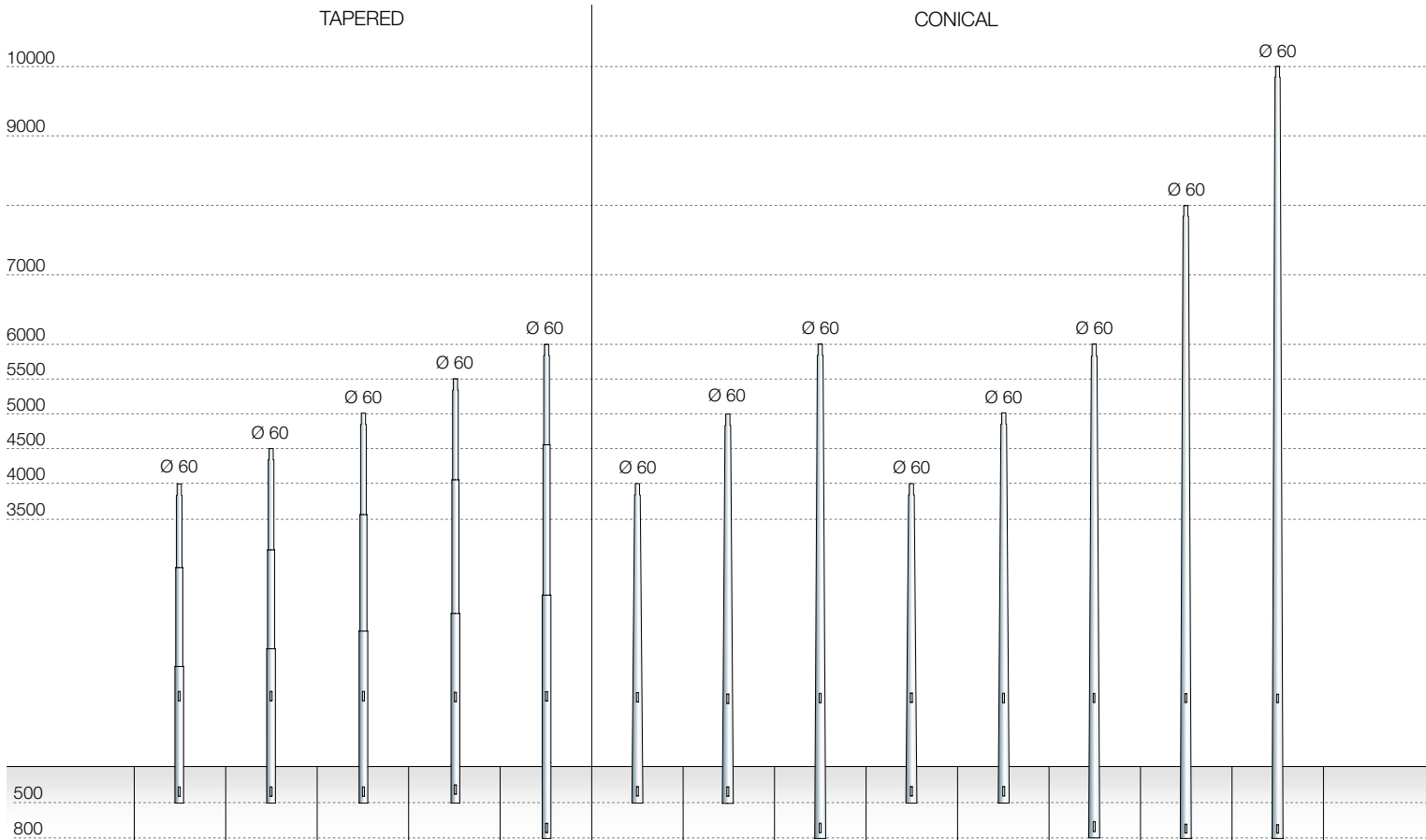
68 86 79

Description	Ø top [mm]	L [mm] off ground	Th [mm]	Code
tapered	60	4000	3	75824. __
	60	4500	3	75825. __
	60	5000	3	75873. __
	60	5500	3	75874. __
	60	6000	3	75875. __
cylindrical	89	3500	3	75810. __
	89	4500	3	75811. __
	102	4000	3	75821. __
	102	5000	3	75812. __
	102	5500	3	75871. __
	102	7000	4	75827. __
	120	5000	3	75813. __
	120	6000	3	75814. __
	140	8000	3	75815. __
	140	8000	4	75816. __
cylindrical in two parts	170	10000	4	75818. __
	190/120	8000	3	75817. __
	190/120	10000	4	75819. __







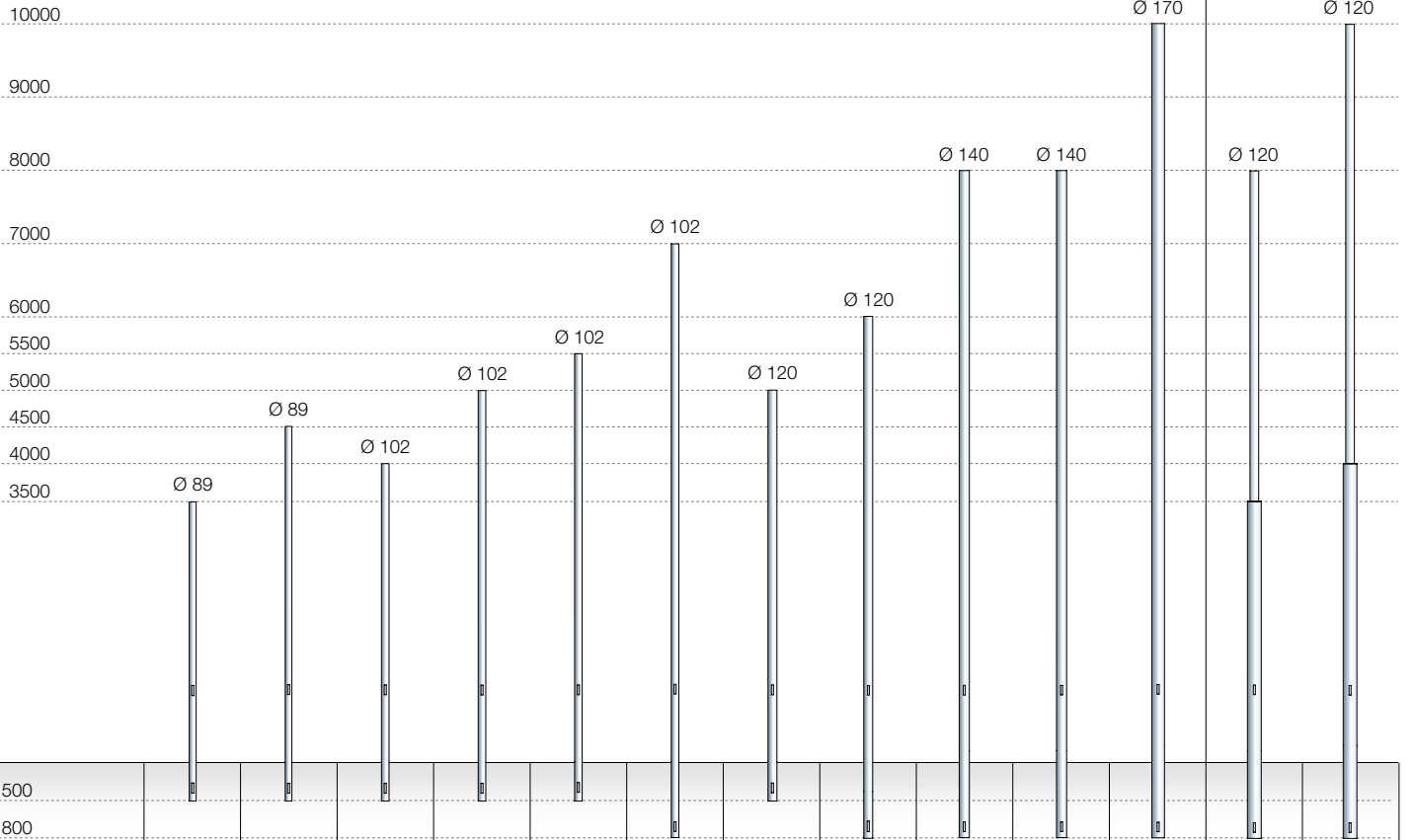


	75822._	75823._	75866._	75867._	75868._	76040._	76041._	76042._	75862._	75864._	75865._	75845._	75847._
Bell 380	✓	✓											
Bell 460/570													
Naxos 460/570													
Sea 380													
Sea 460													
Stilis 340	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Stilis 500		✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	
Lean		✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	
Squadra arm type 1	✓	✓	✓	✓	✓	✓	✓	✓					
Squadra arm type 2													
Squadra arm type 3													
Bilico	✓	✓	✓	✓	✓	✓	✓	✓					
Demi	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Acuto	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Hono 380									✓	✓	✓	✓	✓
Hono 460									✓	✓	✓	✓	✓
Nod													
Almira													
Novi Palo													

68 86 79

CYLINDRICAL

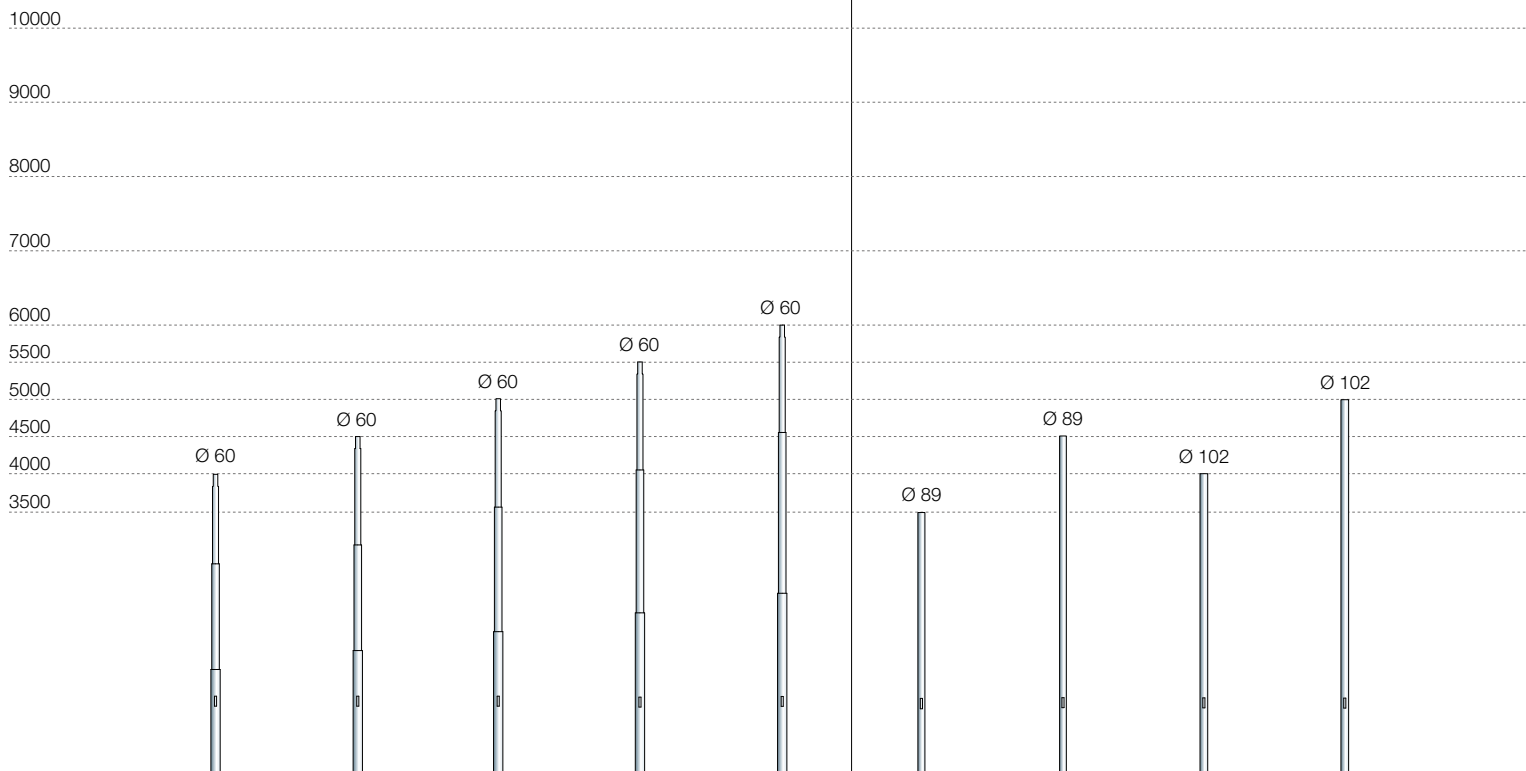
CYLINDRICAL
IN 2 PARTS
Ø 120



	75800._	75801._	75820._	75802._	75870._	75826._	75803._	75804._	75805._	75806._	75808._	75807._	75809._
Bell 380	✓	✓	✓	✓			✓						
Bell 460/570				✓			✓	✓	✓	✓	✓	✓	✓
Naxos 460/570				✓			✓	✓	✓	✓	✓	✓	✓
Sea 380	✓	✓	✓	✓			✓						
Sea 460				✓			✓	✓	✓	✓	✓	✓	✓
Stilis 340	✓	✓	✓	✓	✓								
Stilis 500		✓	✓	✓	✓	✓							
Lean		✓	✓	✓	✓	✓							
Squadra arm type 1													
Squadra arm type 2	✓	✓											
Squadra arm type 3	✓	✓											
Bilico													
Demi	✓	✓	✓	✓	✓	✓							
Acuto	✓	✓	✓	✓	✓	✓							
Hono 380													
Hono 460													
Nod			✓	✓	✓	✓							
Almira			✓	✓	✓	✓							
Novi Palo					✓								

TAPERED

CYLINDRICAL

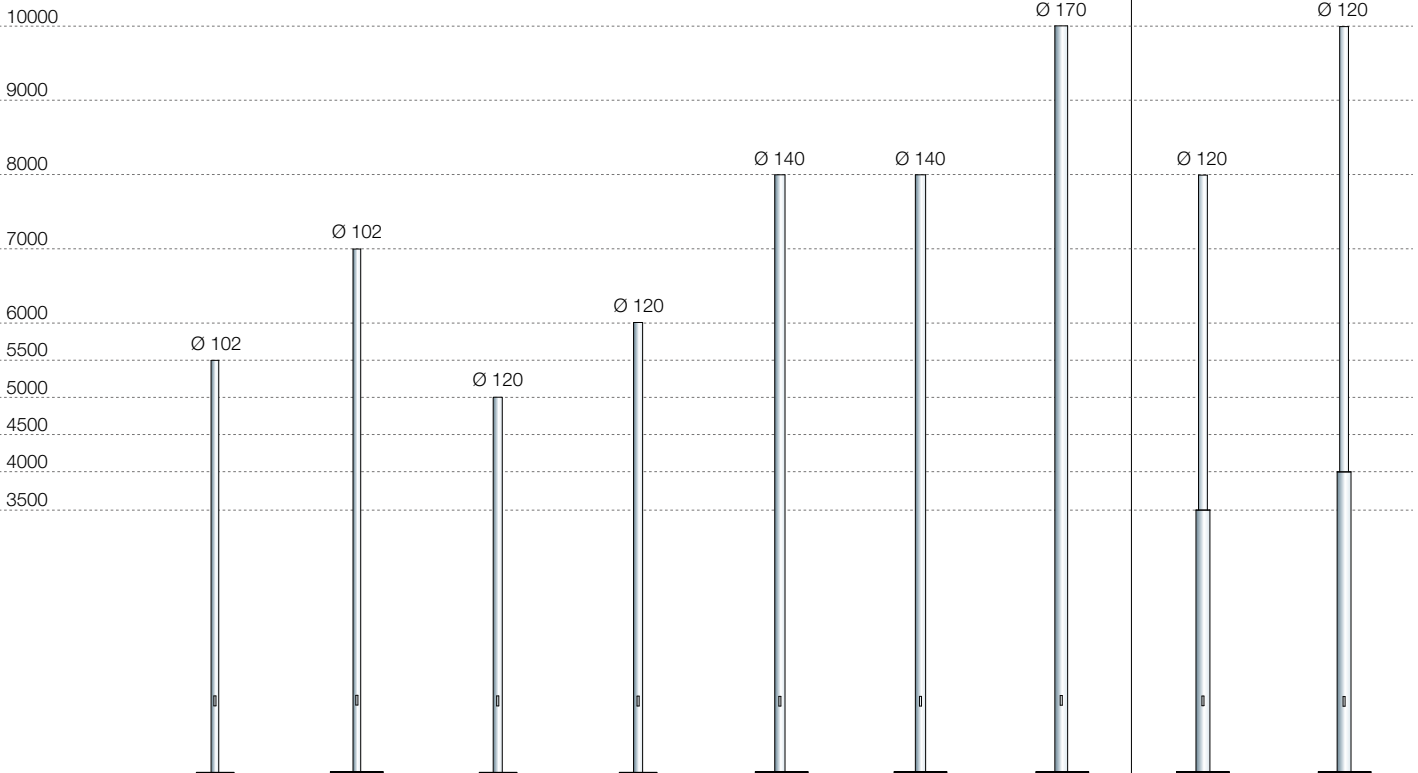


	250x250	250x250	250x250	250x250	250x250	250x250	250x250	250x250	250x250
	75824.____	75825.____	75873.____	75874.____	75875.____	75810.____	75811.____	75821.____	75812.____
Bell 380	✓	✓				✓	✓	✓	✓
Bell 460/570									✓
Naxos 460/570									✓
Sea 380	✓	✓				✓	✓	✓	✓
Sea 460									✓
Stilis 340	✓	✓	✓	✓	✓	✓	✓	✓	✓
Stilis 500		✓	✓	✓	✓		✓		✓
Lean		✓	✓	✓	✓		✓		✓
Squadra arm type 1	✓	✓	✓	✓	✓				
Squadra arm type 2						✓	✓		
Squadra arm type 3						✓	✓		
Bilico	✓	✓	✓	✓	✓				
Demi	✓	✓	✓	✓	✓	✓	✓	✓	✓
Acuto	✓	✓	✓	✓	✓	✓	✓	✓	✓
Hono 380									
Hono 460									
Nod								✓	✓
Almira								✓	✓
Novi Palo									

68 86 79

CYLINDRICAL

CYLINDRICAL IN 2 PARTS



	250x250	350x350	250x250	250x250	350x350	350x350	350x350	350x350	350x350
	75871.__	75827.__	75813.__	75814.__	75815.__	75816.__	75818.__	75817.__	75819.__
Bell 380			✓						
Bell 460/570			✓	✓	✓	✓	✓	✓	✓
Naxos 460/570			✓	✓	✓	✓	✓	✓	✓
Sea 380			✓						
Sea 460			✓	✓	✓	✓	✓	✓	✓
Stilis 340	✓								
Stilis 500	✓	✓							
Lean	✓	✓							
Squadra arm type 1									
Squadra arm type 2									
Squadra arm type 3									
Bilico									
Demi	✓	✓							
Acuto	✓	✓							
Hono 380									
Hono 460									
Nod	✓	✓							
Almira	✓	✓							
Novi Palo	✓								



Light control is a key element in the lighting design of spaces. Controlling the switch-on, the chromatic light flux and the combination of these features in preset scenes is necessary to live different spaces in different ways, according to the time of the day, the external daylight conditions and the layout of space.

A careful design of the lighting installation, as well as of the management and control system, plays a crucial role. The most suitable elements must be chosen and combined to set up a correct communication with the various light sources.

With this in mind, we present a range of tools that, once combined together, can solve numerous lighting requirements related with domestic and non-domestic environments.





Description	Code
DMX512 hometouch	76495.00

Interface to control and run lighting scenes through the DMX512-A communication protocol. It can work as a MASTER module and directly perform the desired color adjustments through the touch-sensitive front panel. Possibility of memorising up to 4 static lighting scenes set by the customer. It is also possible to perform one of the 4 programs with internally memorised dynamic lighting scenes. The controller can also function in SLAVE mode so the user can control lighting scenes from multiple points, which facilitates the control of the connected devices.

Main features:

- Adjustment of all colors.
- Adjustment of the white color temperature.
- Dimming from 1 to 100%.
- Front panel inclusive of all functions through touch-sensitive buttons.
- 4 touch-sensitive buttons for memorising static lighting scenes.
- 4 touch-sensitive buttons for running pre-set dynamic lighting scenes.
- Status signalling and programme running LED.
- Button locking function. Electrically isolated DMX bus.
- 32 KB memory space.



Description	Code
DMX512 homepro	76496.00

Interface with LCD screen to control and run lighting scenes with DMX512-A communication protocol, complete with an external stabilised ballast. It can work as a MASTER module and directly perform the desired color adjustments by selecting pre-loaded or customized static scenes, or perform pre-loaded or dynamic programs.

All the functions are controlled through configuration buttons located on the front panel, while the effected functions appear on the LCD screen. The controller may control 2 DMX systems for a total of 1,024 channels; moreover, it can configure an additional 3 channels that can be used as 1-10V outputs or as inputs for activating functions. An internal memory enable to record personal static scenes or customised programs, and includes (standard feature) 25 pre-memorised static scenes and 14 dynamic programs. It also has an internal calendar for standalone events programming with automatic activation, and allows to select the menu language on the display.

Scenes and programs can be controlled and run through a LAN network connection that also includes the WEB ACCESS function.

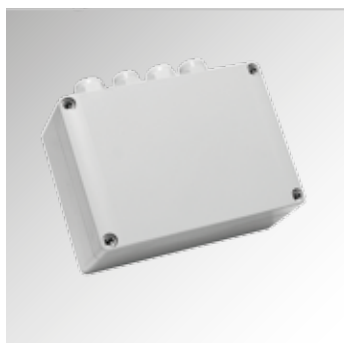
Main features:

- Adjustment of all DMX channels with consequent control of all colors.
- Dimming from 1 to 100%.
- Electrically isolated DMX bus.
- Control of two DMX systems with 512 channels each.
- External ballast supplied standard.
- Possibility of configuring 3 analogue outputs or 3 contact inputs for activating events.
- Internal clock with CMOS battery for 6 months.
- Monochrome 128x64 pixel display with modifiable RGB background color.



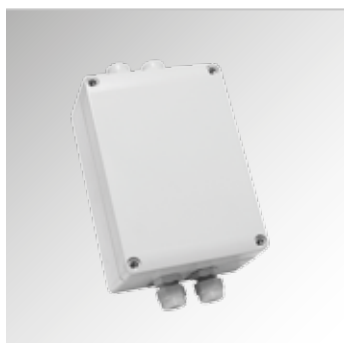
Description	Code
DMX analog converter	76500.00

Interface for signal conversion from DMX to analogue 0-10V.
 Thanks to this interface, it is possible to create a complex DMX-based lighting scheme while also controlling and dimming monochrome LED-based fixtures, or fluorescent lamps using analogue 0-10V electronic ballasts.
 Main features: Signal conversion from DMX-512 to 0-10V analogue over 72 channels.
 - Front panel display that visualises the DMX address.
 - Possibility of creating pre-programmed lighting scenes.
 - +(-)10V, +(-)12V to +(-)15V analogue output.



Description	Code
RGB ballast	76492.00

IP65 230/240V 50-60Hz
 180x130x80 mm



Description	Code
signal amplifier DMX512	76494.00

230/240V 50-60Hz
 180x130x80 mm



Description	Code
Transceiver DMX wireless	76525.00

IP65 90-250 VAC
 250x180x67,5 mm



Description

Code

DMX controller 3 channels for Striped RGB

76527.00

90W max, 12V



Description

Code

amplifier 3 channels for Striped RGB

76528.00

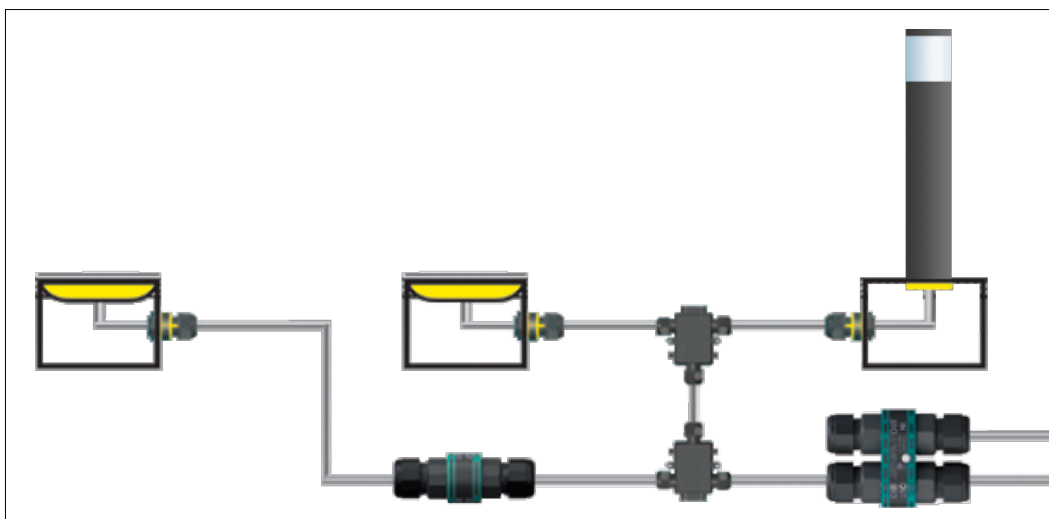
180W max, 12V



The protection of each single element of the light installation against corrosion of time and weather agents is an ultimate requirement.

This is the reason why we present a range of connection systems that make electrical connections and disconnections easier and faster in total security, while extending the life of both connections and lighting fixtures.

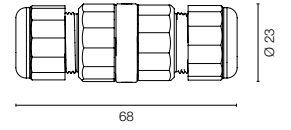
2 and 4-way connectors are available, in standard or anti-condensation version, IP68 version and IP67 3-pole junction box, supplied as complete installation kits.





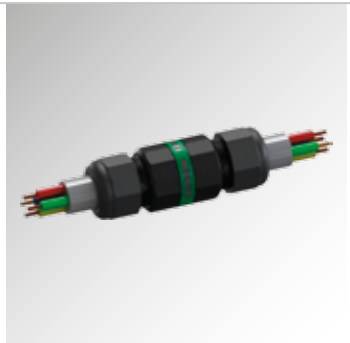
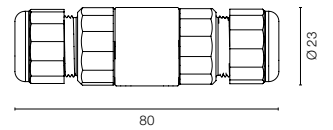
Description	Code
Connector 2-way, 4 pole	93550.00

Pole number: 4
Cables diameter: 7-12 mm
Protection rating: IP68



Description	Code
Connector 2-way, 4 pole, anti-condensation	93551.00

Pole number: 4
Cables diameter: 7-12 mm
Protection rating: IP68



The closing accessory guarantees correct product installation for IP68 protection.

Connections can be made with the IP68 maximum protection rating against water and dust penetration.

Multiple connector versions and applications.



The special anti-condensation barrier protects the system in critical conditions of use. The product prevents humidity passing through the cable from reaching the connection and entering the fixture.



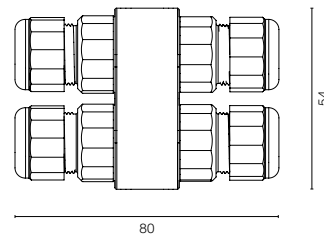
Description

Connector 4-way, 4 pole

Code

93552.00

Pole number: 4
Cables diameter: 8-12 mm
Protection rating IP68



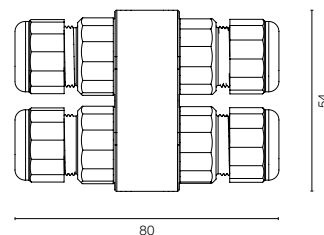
Description

Connector 4-way, 4 pole, anti-condensation

Code

93553.00

Pole number: 4
Cables diameter: 8-12 mm
Protection rating: IP68



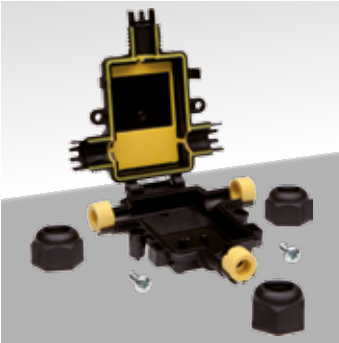
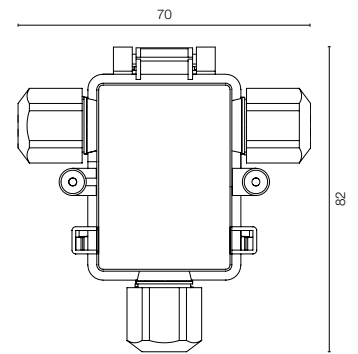
Description

Code

Junction box

93554.00

Terminal block 3 pole
 Cables diameter: 4-9,5 mm
 Protection rating: IP67







СБЕР-БАНК










ИРНЫЙ
ЫЙ ДОМ
АЯ МИЛЛИ
ай: 035-81-55








Сбербанк

СБЕР-БАНК

СБЕР-БАНК

LIST OF LAMPS


Definition	Socket	Power [W]	Voltage [V]	Beam [°]	Flux [lm]	Intensity [cd]	Color rendering	Color temp. [K]	Duration [h]	Luminous efficiency	Energy label	Code
 Halogen lamps												
A60 TRANSPARENT	E27	46	230	/	700	/	1A	2800	800	15	E	4.96090.30
	E27	57	230	/	915	/	1A	2800	800	16	E	4.96090.33
	E27	77	230	/	1320	/	1A	2800	800	17	E	4.96090.47
	E27	116	230	/	2135	/	1A	2800	800	18	E	4.96095.45
 Halogen lamps												
QT-32 TRANSPARENT	E27	100	230	/	1800	/	1A	2900	2000	18	D	4.96091.26
	E27	150	230	/	2870	/	1A	2900	2000	19	D	4.96091.47
	E27	205	230	/	4200	/	1A	2900	2000	20	D	4.96090.62
 Halogen lamps												
QT-15 TRANSPARENT	B15d	60	230	/	980	/	1A	2900	2000	16	D	4.96092.87
	B15d	70	230	/	1180	/	1A	2900	2000	16	D	4.96090.91
	B15d	100	230	/	1800	/	1A	2900	2000	18	D	4.96090.92
	B15d	150	230	/	2870	/	1A	2900	2000	19	D	4.96090.93
 Halogen lamps												
QT-14 TRANSPARENT	G9	20	230	/	235	/	1A	2900	2000	10	D	4.96093.50
	G9	33	230	/	460	/	1A	2900	2000	14	D	4.96093.51
	G9	48	230	/	740	/	1A	2900	2000	15	D	4.96093.52
	G9	60	230	/	980	/	1A	2900	2000	16	D	4.96093.53
 Double socket halogen lamps												
QT-DE short (75 mm)	R7s	48	230	/	750	/	1A	3000	2000	16	D	4.96092.70
	R7s	80	230	/	1400	/	1A	3000	2000	19	D	4.96090.89
	R7s	120	230	/	2250	/	1A	3000	2000	20	D	4.96091.32
QT-DE12 (114 mm)	R7s	120	230	/	2440	/	1A	3000	2000	20	D	4.96090.45
	R7s	160	230	/	3100	/	1A	3000	2000	20	D	4.96090.08
	R7s	230	230	/	5000	/	1A	3000	2000	22	D	4.96090.06
 Mains voltage dichroic halogen lamps												
PAR16	GU10	35	230	35	/	600	1A	2800	2000	/	/	4.96093.61
	GU10	50	230	35	/	950	1A	2800	2000	/	/	4.96092.85
	GZ10	50	230	35	/	900	1A	2800	2000	/	/	4.96092.86
PAR20	E27	50	230	10	/	3000	1A	2900	2000	/	/	4.96092.26
	E27	50	230	30	/	1000	1A	2900	2000	/	/	4.96092.16
PAR30S ALU	E27	75	230	10	/	6900	1A	2900	2000	/	/	4.96093.77
	E27	75	230	30	/	2200	1A	2900	2000	/	/	4.96093.78
PAR30S DICRO	E27	75	230	10	/	7500	1A	2900	2000	/	/	4.96092.72
	E27	75	230	30	/	2400	1A	2900	2000	/	/	4.96092.73
 Low-voltage halogen lamps												
QT-9 TRANSP. STANDARD	G4	10	12	/	140	/	1A	3000	2000	14	/	4.96093.62
	G4	20	12	/	320	/	1A	3000	2000	16	/	4.96090.29
QT-9 TRANSP. STARLITE	G4	10	12	/	130	/	1A	3000	4000	13	/	4.96092.28
	G4	20	12	/	300	/	1A	3000	4000	16	/	4.96093.68
QT-12 TRANSP. STANDARD	GY6.35	35	12	/	600	/	1A	3000	2000	17	/	4.96093.63
	G4	14	12	/	240	/	1A	3000	4000	17	/	4.96093.69
QT-12 TRANSP. ECO	GY6.35	25	12	/	500	/	1A	3000	4000	20	/	4.96092.29
	GY6.35	35	12	/	860	/	1A	3000	4000	24	/	4.96093.70
	GY6.35	50	12	/	1200	/	1A	3000	4000	24	/	4.96093.71
	GY6.35	60	12	/	1650	/	1A	3000	4000	27	/	4.96093.72
 Dichroic halogen lamps												
QR-CB35	GU4	20	12	10	/	3200	1A	3000	2000	/	/	4.96093.80
	GU4	20	12	36	/	500	1A	3000	2000	/	/	4.96092.68
	GU4	35	12	10	/	5000	1A	3000	2000	/	/	4.96093.81
	GU4	35	12	36	/	900	1A	3000	2000	/	/	4.96092.71
QR-CB51	GU5.3	20	12	10	/	3000	1A	3000	2000	/	/	4.96091.09
	GU5.3	20	12	36	/	480	1A	3000	2000	/	/	4.96091.27
	GU5.3	35	12	10	/	6000	1A	3000	2000	/	/	4.96093.45
	GU5.3	35	12	36	/	1000	1A	3000	2000	/	/	4.96091.11
	GU5.3	50	12	10	/	7800	1A	3000	2000	/	/	4.96091.64
	GU5.3	50	12	36	/	1450	1A	3000	2000	/	/	4.96090.31
 Dichroic halogen lamps												
QR-CB51 TITAN	GU5,3	20	12	10	/	5000	1A	3100	4000	/	/	4.96093.46
	GU5,3	20	12	36	/	780	1A	3100	4000	/	/	4.96093.47
	GU5,3	20	12	60	/	350	1A	3100	4000	/	/	4.96093.18
	GU5,3	35	12	10	/	9100	1A	3100	4000	/	/	4.96093.38
	GU5,3	35	12	24	/	3100	1A	3100	4000	/	/	4.96093.39
	GU5,3	35	12	36	/	1500	1A	3100	4000	/	/	4.96092.20
	GU5,3	35	12	60	/	700	1A	3100	4000	/	/	4.96092.36
	GU5,3	50	12	10	/	12500	1A	3100	4000	/	/	4.96093.48
	GU5,3	50	12	24	/	4400	1A	3100	4000	/	/	4.96092.88
	GU5,3	50	12	36	/	2200	1A	3100	4000	/	/	4.96093.49
	GU5,3	50	12	60	/	1100	1A	3100	4000	/	/	4.96092.69

Definition	Socket	Power [W]	Voltage [V]	Beam [°]	Flux [lm]	Intensity [cd]	Color rendering	Color temp. [K]	Duration [h]	Luminous efficiency	Energy label	Code
Halogen lamps with incorporated reflector												
 AR70	BA15d	20	12	8	/	7700	1A	2900	2000	/	/	4.96093.82
	BA15d	20	12	24	/	900	1A	2900	2000	/	/	4.96093.83
	BA15d	50	12	8	/	12500	1A	2900	2000	/	/	4.96092.83
	BA15d	50	12	24	/	2600	1A	2900	2000	/	/	4.96092.84
AR111	G53	50	12	4	/	40000	1A	3000	3000	/	/	4.96092.66
	G53	50	12	6	/	17000	1A	3000	3000	/	/	4.96093.44
	G53	50	12	24	/	4000	1A	3000	3000	/	/	4.96092.23
	G53	75	12	6	/	30000	1A	3000	3000	/	/	4.96093.19
	G53	75	12	24	/	5300	1A	3000	3000	/	/	4.96092.22
	G53	75	12	40	/	2000	1A	3000	3000	/	/	4.96092.25
	G53	100	12	6	/	48000	1A	3000	3000	/	/	4.96092.67
	G53	100	12	24	/	8500	1A	3000	3000	/	/	4.96092.21
	G53	100	12	40	/	2800	1A	3000	3000	/	/	4.96092.27
	Metal halide lamps with incorporated reflector											
 PAR16 MH	GX10	20	/	12	/	9000	1B	3000	9000	/	/	4.96095.43
	GX10	20	/	25	/	2700	1B	3000	9000	/	/	4.96095.44
PAR20 MH	E27	35	/	10	/	23000	1B	3000	9000	/	/	4.96092.40
	E27	35	/	30	/	5300	1B	3000	9000	/	/	4.96092.39
PAR30 MH	E27	35	/	10	/	44000	1B	3000	9000	/	/	4.96092.89
	E27	35	/	30	/	7400	1B	3000	9000	/	/	4.96092.90
	E27	70	/	10	/	70000	1B	3000	9000	/	/	4.96092.91
E27	70	/	40	/	12000	1B	3000	9000	/	/	4.96092.92	
Single socket metal halide lamps												
 MH PGJ5 Mini MASTER Colour®	PGJ5	20	/	/	1650	/	1B	3000	9000	82	/	4.96094.90
	G8.5	35	/	/	3500	/	1B	3000	9000	97	/	4.96093.16
 MH G8.5 HCl	G8.5	70	/	/	6900	/	1B	3000	9000	98	/	4.96093.17
	G8.5	70	/	/	6600	/	1B	4200	9000	95	/	4.96093.84
 MH G12 HCl	G12	35	/	/	3600	/	1B	3000	9000	102	/	4.96091.45
	G12	70	/	/	7300	/	1B	3000	9000	104	/	4.96091.14
	G12	70	/	/	6800	/	1A	4200	9000	98	/	4.96091.62
	G12	100	/	/	9500	/	1A	3000	9000	95	/	4.96097.21
	G12	100	/	/	9300	/	1A	4200	9000	93	/	4.96097.22
	G12	150	/	/	15000	/	1A	3000	9000	100	/	4.96093.60
 MH G12 MASTER Colour®	G12	150	/	/	14500	/	1B	4200	9000	96	/	4.96092.61
	G12	35	/	/	3150	/	1B	3000	9000	94	/	4.96091.48
	G12	70	/	/	6600	/	1B	3000	9000	94	/	4.96091.99
	G12	70	/	/	6600	/	1A	4200	9000	83	/	4.96093.22
	G12	150	/	/	14000	/	1A	3000	9000	93	/	4.96092.60
	G12	150	/	/	12700	/	1B	4200	9000	85	/	4.96093.23
 EDISON socket ellipsoidal metal halide lamps	E27	70	/	/	5100	/	2A	3200	10000	67	/	4.96094.42
	E27	150	/	/	11600	/	2A	2900	10000	77	/	4.96094.43
MH E40 Diffuser bulb	E40	250	/	/	24500	/	1B	3000	6000	98	/	4.96094.99
	E40	250	/	/	19000	/	1A	5200	10000	76	/	4.96092.93
MH E40 Diffuser bulb	E40	400	/	/	34000	/	1A	4600	10000	85	/	4.96091.97


LIST OF LAMPS

Definition	Socket	Power [W]	Voltage [V]	Beam [°]	Flux [lm]	Intensity [cd]	Color rendering	Color temp. [K]	Duration [h]	Luminous efficiency	Energy label	Code
EDISON socket tubular metal halide lamps												
MH-T E27	E27	70	/	/	7200	/	1B	3000	6000	100	/	4.96094.79
	E40	100	/	/	8800	/	1B	2800	6000	88	/	4.96094.80
	E40	150	/	/	14500	/	1B	3000	6000	96	/	4.96094.81
MH-T E40	E40	250	/	/	25800	/	1B	3000	6000	104	/	4.96094.82
	E40	400	/	/	42000	/	2B	3500	6000	105	/	4.96094.83
	E40	400	/	/	33000	/	2B	4100	6000	83	/	4.96095.57
Double socket metal halide lamps												
MH RX7s HCl	RX7s	70	/	/	6800	/	1B	3000	9000	97	/	4.96090.78
	RX7s	70	/	/	6500	/	1A	4200	9000	92	/	4.96091.20
MH RX7s-24 HCl	RX7s-24	150	/	/	14500	/	1B	3000	9000	96	/	4.96093.85
	RX7s-24	150	/	/	14400	/	1A	4200	9000	96	/	4.96090.71
MH Fc2	Fc2	250	/	/	25000	/	1B	3000	9000	100	/	4.96091.22
MH RX7s MASTER Colour®	RX7s	70	/	/	6000	/	1B	3000	9000	93	/	4.96091.90
	RX7s	70	/	/	6000	/	1A	4200	9000	86	/	4.96093.21
MH RX7s-24 MASTER Colour®	RX7s-24	150	/	/	12000	/	1B	3000	9000	88	/	4.96091.91
	RX7s-24	150	/	/	14000	/	1A	4200	9000	94	/	4.96093.24
EDISON socket ellipsoidal high-pressure sodium lamps												
SHP E27 Diffuser bulb	E27	70	/	/	5900	/	4	2000	10000	80	/	4.96094.40
SHP E40 Diffuser bulb	E40	150	/	/	14500	/	4	2000	10000	97	/	4.96094.41
EDISON socket tubular high-pressure sodium lamps												
SHP-T E27	E27	70	/	/	6600	/	4	2000	15000	86	/	4.96094.74
	E40	100	/	/	10700	/	4	2000	18000	90	/	4.96094.75
SHP-T E40	E40	150	/	/	17500	/	4	2000	18000	100	/	4.96094.76
	E40	250	/	/	33000	/	4	2100	18000	112	/	4.96094.77
	E40	400	/	/	56500	/	4	2000	18000	120	/	4.96094.78
Double socket high-pressure sodium lamps												
SHP	RX7s	70	/	/	6600	/	4	2100	12000	97	/	4.96093.86
	RX7s-24	150	/	/	15000	/	4	2100	12000	100	/	4.96093.14
	Fc2	250	/	/	28000	/	4	2100	12000	102	/	4.96093.15
White SON® extremely high-pressure sodium lamps												
SDW	PG12-1	35	/	/	1250	/	1B	2500	10000	37	/	4.96092.76
	PG12-1	50	/	/	2300	/	1B	2500	10000	46	/	4.96092.77
	PG12-1	100	/	/	5000	/	1B	2500	10000	50	/	4.96092.78
	GX12-1	50	/	/	2400	/	1B	2500	10000	44	/	4.96093.88
	GX12-1	100	/	/	4900	/	1B	2500	10000	50	/	4.96093.89
Fluorescent lamps												
TC-EL	E27	11	230	/	640	/	1B	2500	15000	56	A	4.96091.79
	E27	11	230	/	640	/	1B	4000	15000	56	A	4.96091.80
	E27	14	230	/	820	/	1B	2500	15000	57	A	4.96091.81
	E27	14	230	/	820	/	1B	4000	15000	57	A	4.96091.82
	E27	18	230	/	1040	/	1B	2500	15000	58	A	4.96091.83
	E27	18	230	/	1040	/	1B	4000	15000	58	A	4.96091.84
	E27	22	230	/	1440	/	1B	2500	15000	64	A	4.96091.85
	E27	22	230	/	1440	/	1B	4000	15000	64	A	4.96091.86
	E27	30	230	/	1940	/	1B	4000	15000	64	A	4.96097.23
	E27	30	230	/	1940	/	1B	2500	15000	64	A	4.96097.24
Compact fluorescent lamps with 1 tube												
TC-S	G23	11	/	/	900	/	1B	2700	8000	82	A	4.96091.18
	G23	11	/	/	900	/	1B	3000	8000	82	A	4.96092.96
	G23	11	/	/	900	/	1B	4000	8000	82	A	4.96091.17
TC-SE	2G7	11	/	/	900	/	1B	2700	10000	82	A	4.96092.47
	2G7	11	/	/	900	/	1B	3000	10000	82	A	4.96093.90
	2G7	11	/	/	900	/	1B	4000	10000	82	A	4.96092.46
Compact fluorescent lamps with 2 tubes												
TC-D	G24d-1	13	/	/	900	/	1B	2700	8000	69	A	4.96091.04
	G24d-1	13	/	/	900	/	1B	3000	8000	69	A	4.96092.56
	G24d-1	13	/	/	900	/	1B	4000	8000	69	A	4.96091.03
	G24d-2	18	/	/	1200	/	1B	2700	8000	67	B	4.96091.08
	G24d-2	18	/	/	1200	/	1B	3000	8000	67	B	4.96092.45
	G24d-2	18	/	/	1200	/	1B	4000	8000	67	B	4.96091.07
	G24d-3	26	/	/	1800	/	1B	2700	8000	69	B	4.96091.02
	G24d-3	26	/	/	1800	/	1B	3000	8000	69	B	4.96091.24
	G24d-3	26	/	/	1800	/	1B	4000	8000	69	B	4.96091.01

Definition	Socket	Power [W]	Voltage [V]	Beam [°]	Flux [lm]	Intensity [cd]	Color rendering	Color temp. [K]	Duration [h]	Luminous efficiency	Energy label	Code
TC-DE	G24q-1	13	/	/	900	/	1B	2700	8000	69	A	4.96091.51
	G24q-1	13	/	/	900	/	1B	3000	8000	69	A	4.96092.57
	G24q-1	13	/	/	900	/	1B	4000	8000	69	A	4.96091.50
	G24q-2	18	/	/	1200	/	1B	2700	8000	67	A	4.96091.53
	G24q-2	18	/	/	1200	/	1B	3000	8000	67	A	4.96092.58
	G24q-2	18	/	/	1200	/	1B	4000	8000	67	A	4.96091.52
	G24q-3	26	/	/	1800	/	1B	2700	8000	69	B	4.96091.55
	G24q-3	26	/	/	1800	/	1B	3000	8000	69	B	4.96092.59
	G24q-3	26	/	/	1800	/	1B	4000	8000	69	B	4.96091.54

 Compact fluorescent lamps with 3 tubes





Definition	Socket	Power [W]	Voltage [V]	Beam [°]	Flux [lm]	Intensity [cd]	Color rendering	Color temp. [K]	Duration [h]	Luminous efficiency	Energy label	Code	
TC-T	GX24d-1	13	/	/	900	/	1B	2700	8000	69	A	4.96093.91	
	GX24d-1	13	/	/	900	/	1B	3000	8000	69	A	4.96093.92	
	GX24d-1	13	/	/	900	/	1B	4000	8000	69	A	4.96093.93	
	GX24d-2	18	/	/	1200	/	1B	2700	8000	67	B	4.96092.01	
	GX24d-2	18	/	/	1200	/	1B	3000	8000	67	B	4.96092.02	
	GX24d-2	18	/	/	1200	/	1B	4000	8000	67	B	4.96092.03	
	GX24d-3	26	/	/	1800	/	1B	2700	8000	69	B	4.96092.04	
	GX24d-3	26	/	/	1800	/	1B	3000	8000	69	B	4.96092.05	
	GX24d-3	26	/	/	1800	/	1B	4000	8000	69	B	4.96092.06	
	TC-TE	GX24q-1	13	/	/	900	/	1B	2700	8000	69	A	4.96093.94
		GX24q-1	13	/	/	900	/	1B	3000	8000	69	A	4.96093.95
		GX24q-1	13	/	/	900	/	1B	4000	8000	69	A	4.96093.96
GX24q-2		18	/	/	1200	/	1B	2700	8000	67	A	4.96092.07	
GX24q-2		18	/	/	1200	/	1B	3000	8000	67	A	4.96092.79	
GX24q-2		18	/	/	1200	/	1B	4000	8000	67	A	4.96092.08	
GX24q-3		26	/	/	1800	/	1B	2700	8000	69	B	4.96092.09	
GX24q-3		26	/	/	1800	/	1B	3000	8000	69	B	4.96092.80	
GX24q-3		26	/	/	1800	/	1B	4000	8000	69	B	4.96092.10	
GX24q-3		32	/	/	2400	/	1B	2700	8000	75	B	4.96091.93	
GX24q-3		32	/	/	2400	/	1B	3000	8000	75	B	4.96092.81	
GX24q-3		32	/	/	2400	/	1B	4000	8000	75	B	4.96091.92	
GX24q-4		42	/	/	3200	/	1B	2700	8000	76	B	4.96092.11	
GX24q-4		42	/	/	3200	/	1B	3000	8000	76	B	4.96092.82	
GX24q-4		42	/	/	3200	/	1B	4000	8000	76	B	4.96092.12	
GX24q-5	57	/	/	4300	/	1B	2700	8000	75	B	4.96094.33		
GX24q-5	57	/	/	4300	/	1B	3000	8000	75	B	4.96094.34		
GX24q-5	57	/	/	4300	/	1B	4000	8000	75	B	4.96094.35		

 Compact linear fluorescent lamps

Definition	Socket	Power [W]	Voltage [V]	Beam [°]	Flux [lm]	Intensity [cd]	Color rendering	Color temp. [K]	Duration [h]	Luminous efficiency	Energy label	Code
TC-L	2G11	18	/	/	1200	/	1B	2700	10000	67	B	4.96091.38
	2G11	18	/	/	1200	/	1B	3000	10000	67	B	4.96091.37
	2G11	18	/	/	1200	/	1B	4000	10000	67	B	4.96091.36
	2G11	18	/	/	750	/	1A	3000	10000	42	B	4.96093.97
	2G11	18	/	/	750	/	1A	4000	10000	42	B	4.96093.98
	2G11	18	/	/	750	/	1A	5000	10000	42	B	4.96093.99
	2G11	24	/	/	1800	/	1B	2700	10000	75	B	4.96091.41
	2G11	24	/	/	1800	/	1B	3000	10000	75	B	4.96091.40
	2G11	24	/	/	1800	/	1B	4000	10000	75	B	4.96091.42
	2G11	24	/	/	1200	/	1A	3000	10000	50	B	4.96094.01
	2G11	24	/	/	1200	/	1A	4000	10000	50	B	4.96094.02
	2G11	24	/	/	1200	/	1A	5000	10000	50	B	4.96094.03
	2G11	36	/	/	2900	/	1B	2700	10000	81	A	4.96091.44
	2G11	36	/	/	2900	/	1B	3000	10000	81	A	4.96091.43
	2G11	36	/	/	2900	/	1B	4000	10000	81	A	4.96091.35
	2G11	36	/	/	2750	/	1B	6000	10000	76	B	4.96094.04
	2G11	36	/	/	1900	/	1A	3000	10000	53	B	4.96094.05
	2G11	36	/	/	1900	/	1A	4000	10000	53	B	4.96094.06
	2G11	36	/	/	1900	/	1A	5000	10000	53	B	4.96094.07
	2G11	40	/	/	3500	/	1B	2700	10000	88	A	4.96091.94
	2G11	40	/	/	3500	/	1B	3000	10000	88	A	4.96091.95
	2G11	40	/	/	3500	/	1B	4000	10000	88	A	4.96091.96
	2G11	40	/	/	3325	/	1B	6000	10000	83	B	4.96094.08
	2G11	40	/	/	2200	/	1A	5000	10000	55	B	4.96094.09
	2G11	55	/	/	4800	/	1B	2700	10000	87	A	4.96091.73
	2G11	55	/	/	4800	/	1B	3000	10000	87	A	4.96091.74
	2G11	55	/	/	4800	/	1B	4000	10000	87	A	4.96091.75
	2G11	55	/	/	4550	/	1B	6000	10000	83	B	4.96094.10
	2G11	55	/	/	3000	/	1A	3000	10000	55	B	4.96094.11
	2G11	55	/	/	3000	/	1A	4000	10000	55	B	4.96094.12
	2G11	55	/	/	3000	/	1A	5000	10000	55	B	4.96094.13
	2G11	80	/	/	6000	/	1A	2700	10000	75	B	4.96094.36
	2G11	80	/	/	6500	/	1A	3000	10000	75	B	4.96094.37
	2G11	80	/	/	6500	/	1A	4000	10000	75	B	4.96094.38

LIST OF LAMPS

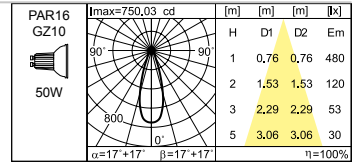
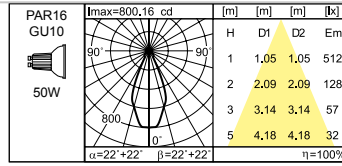
Definition	Socket	Power [W]	Voltage [V]	Beam [°]	Flux [lm]	Intensity [cd]	Color rendering	Color temp. [K]	Duration [h]	Luminous efficiency	Energy label	Code
Flat fluorescent lamps												
TC-F	2G10	18	/	/	1100	/	1B	2700	10000	61	B	4.96092.17
	2G10	18	/	/	1100	/	1B	3000	10000	61	B	4.96092.18
	2G10	18	/	/	1100	/	1B	4000	10000	61	B	4.96092.19
	2G10	24	/	/	1700	/	1B	2700	10000	71	B	4.96092.97
	2G10	24	/	/	1700	/	1B	3000	10000	71	B	4.96092.98
	2G10	24	/	/	1700	/	1B	4000	10000	71	B	4.96092.99
	2G10	36	/	/	2800	/	1B	2700	10000	78	B	4.96092.65
	2G10	36	/	/	2800	/	1B	3000	10000	78	B	4.96091.29
	2G10	36	/	/	2800	/	1B	4000	10000	78	B	4.96091.28
T2 linear fluorescent lamps												
T2	W4.3	8	/	/	540	/	2A	3000	10000	68	A	4.96094.62
	W4.3	8	/	/	540	/	2A	4000	10000	68	A	4.96094.61
	W4.3	8	/	/	500	/	2A	6000	10000	63	A	4.96094.60
	W4.3	13	/	/	930	/	2A	3000	10000	72	A	4.96094.65
	W4.3	13	/	/	930	/	2A	4000	10000	72	A	4.96094.64
	W4.3	13	/	/	860	/	2A	6000	10000	66	A	4.96094.63
T5 linear fluorescent lamps												
T5	G5	8	/	/	450	/	1B	2700	10000	56	A	4.96094.44
	G5	8	/	/	430	/	1B	4000	10000	56	A	4.96094.45
	G5	13	/	/	1000	/	1B	2700	10000	76	A	4.96094.48
	G5	13	/	/	970	/	1B	4000	10000	74	A	4.96094.47
	G5	24	/	/	1750	/	1B	2700	16000	72	A	4.96093.25
	G5	24	/	/	1750	/	1B	3000	16000	72	A	4.96092.50
	G5	24	/	/	1750	/	1B	4000	16000	72	A	4.96092.41
	G5	24	/	/	1600	/	1B	6500	16000	66	A	4.96092.49
	G5	39	/	/	3100	/	1B	2700	16000	79	A	4.96094.14
	G5	39	/	/	3100	/	1B	3000	16000	79	A	4.96092.53
	G5	39	/	/	3100	/	1B	4000	16000	79	A	4.96092.52
	G5	39	/	/	2850	/	1B	6500	16000	73	A	4.96092.51
	G5	54	/	/	4450	/	1B	2700	16000	82	A	4.96094.15
	G5	54	/	/	4450	/	1B	3000	16000	82	A	4.96092.55
	G5	54	/	/	4450	/	1B	4000	16000	82	A	4.96092.48
	G5	54	/	/	4100	/	1B	6500	16000	76	A	4.96092.54
	G5	49	/	/	4300	/	1B	2700	16000	87	A	4.96095.04
	G5	49	/	/	4300	/	1B	3000	16000	87	A	4.96095.03
	G5	49	/	/	4300	/	1B	4000	16000	87	A	4.96095.02
	G5	49	/	/	4100	/	1B	6500	16000	83	A	4.96095.06
	G5	80	/	/	6150	/	1B	2700	16000	76	A	4.96094.16
	G5	80	/	/	6150	/	1B	3000	16000	76	A	4.96092.75
	G5	80	/	/	6150	/	1B	4000	16000	76	A	4.96093.12
	G5	80	/	/	5700	/	1B	6500	16000	71	B	4.96093.13
	G5	14	/	/	1200	/	1B	2700	16000	85	A	4.96094.17
	G5	14	/	/	1200	/	1B	3000	16000	85	A	4.96093.08
	G5	14	/	/	1200	/	1B	4000	16000	85	A	4.96093.09
	G5	14	/	/	1100	/	1B	6500	16000	78	A	4.96093.10
	G5	21	/	/	1900	/	1B	2700	16000	90	A	4.96094.18
	G5	21	/	/	1900	/	1B	3000	16000	90	A	4.96092.63
	G5	21	/	/	1900	/	1B	4000	16000	90	A	4.96093.06
	G5	21	/	/	1750	/	1B	6500	16000	83	A	4.96093.07
	G5	28	/	/	2600	/	1B	2700	16000	92	A	4.96094.19
G5	28	/	/	2600	/	1B	3000	16000	92	A	4.96092.30	
G5	28	/	/	2600	/	1B	4000	16000	92	A	4.96092.31	
G5	28	/	/	2400	/	1B	6500	16000	85	A	4.96092.32	
G5	35	/	/	3320	/	1B	2700	16000	94	A	4.96094.20	
G5	35	/	/	3320	/	1B	3000	16000	94	A	4.96092.33	
G5	35	/	/	3320	/	1B	4000	16000	94	A	4.96092.34	
G5	35	/	/	3050	/	1B	6500	16000	87	A	4.96092.35	
T5 circular fluorescent lamps												
T5-C	2GX13	22	/	/	1900	/	1B	2700	16000	82	A	4.96094.53
	2GX13	22	/	/	1900	/	1B	3000	16000	82	A	4.96094.52
	2GX13	22	/	/	1900	/	1B	4000	16000	82	A	4.96094.51
	2GX13	22	/	/	1700	/	1B	6500	16000	78	A	4.96094.50
	2GX13	40	/	/	3400	/	1B	2700	16000	80	A	4.96094.57
	2GX13	40	/	/	3400	/	1B	3000	16000	80	A	4.96094.56
	2GX13	40	/	/	3100	/	1B	4000	16000	80	A	4.96094.55
	2GX13	40	/	/	3300	/	1B	6500	16000	75	A	4.96094.54
	2GX13	55	/	/	4200	/	1B	2700	16000	76	A	4.96094.29
	2GX13	55	/	/	4200	/	1B	3000	16000	76	A	4.96094.30
	2GX13	55	/	/	4200	/	1B	4000	16000	76	A	4.96094.31
	2GX13	55	/	/	3990	/	1B	6500	16000	69	A	4.96094.32

Definition	Socket	Power [W]	Voltage [V]	Beam [°]	Flux [lm]	Intensity [cd]	Color rendering	Color temp. [K]	Duration [h]	Luminous efficiency	Energy label	Code	
 T8 linear fluorescent lamps													
T8	G13	36	/	/	3350	/	1B	2700	12000	93	A	4.96091.58	
	G13	36	/	/	3350	/	1B	3000	12000	93	A	4.96091.88	
	G13	36	/	/	3350	/	1B	4000	12000	93	A	4.96090.98	
	G13	36	/	/	3250	/	1B	6500	12000	90	A	4.96094.21	
	G13	36	/	/	2700	/	1A	3000	12000	75	A	4.96094.22	
	G13	36	/	/	2900	/	1A	4000	12000	80	A	4.96094.23	
	G13	36	/	/	2850	/	1A	5400	12000	79	A	4.96094.24	
	G13	58	/	/	5200	/	1B	2700	12000	90	A	4.96091.59	
	G13	58	/	/	5200	/	1B	3000	12000	90	A	4.96091.89	
	G13	58	/	/	5200	/	1B	4000	12000	90	A	4.96090.99	
	G13	58	/	/	5000	/	1B	6500	12000	86	A	4.96094.25	
	G13	58	/	/	4350	/	1A	3000	12000	75	A	4.96094.26	
	G13	58	/	/	4600	/	1A	4000	12000	79	A	4.96094.27	
	G13	58	/	/	4550	/	1A	5400	12000	78	A	4.96094.28	
	 Fluorescent lamps												
	GENURA R80	E27	23	230	/	1100	/	1B	2700	15000	48	A	4.96094.67
E27		23	230	/	1100	/	1B	3000	15000	48	A	4.96094.68	
 Special fluorescent lamps													
Sylvania Micro Lynx F	GX53	6	230	/	220	/	/	3000	10000	/	/	4.96094.58	
	GX53	6	230	/	220	/	/	4000	10000	/	/	4.96094.59	
 Metal halide lamps with incorporated reflector													
MH CDM-R111	GX8.5	35	/	10	/	35000	1B	3000	9000	/	/	4.96094.84	
	GX8.5	35	/	24	/	8500	1B	3000	9000	/	/	4.96094.85	
	GX8.5	35	/	40	/	4000	1B	3000	9000	/	/	4.96094.86	
	GX8.5	70	/	24	/	15000	1B	3000	9000	/	/	4.96094.88	
	GX8.5	70	/	40	/	9000	1B	3000	9000	/	/	4.96094.89	
	GX8.5	70	/	10	/	5000	1B	3000	9000	/	/	4.96094.87	

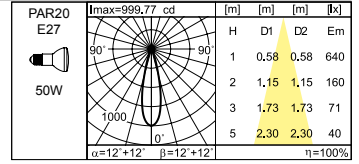
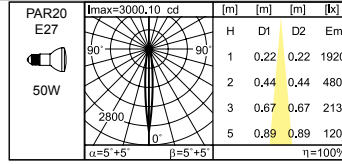
The data provided for the light sources is purely indicative; to obtain the official data please consult the catalogues produced by individual manufacturers.

PHOTOMETRIC CURVES FOR THE LAMPS

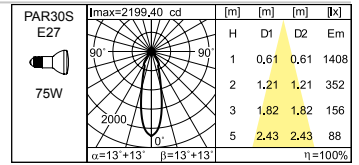
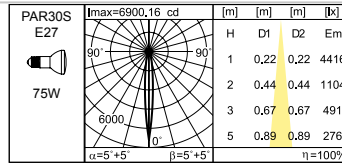
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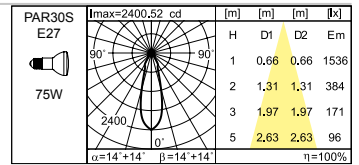
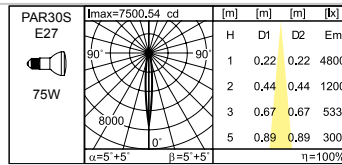
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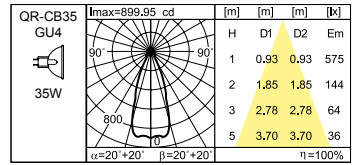
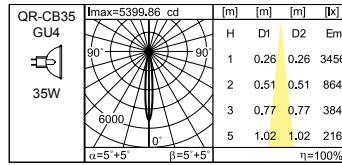
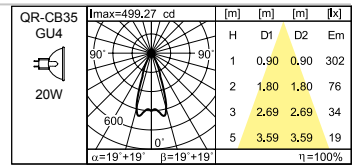
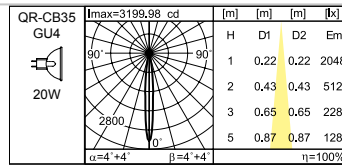
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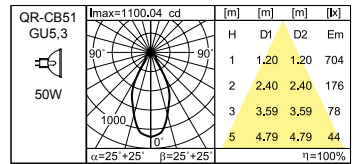
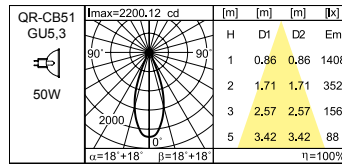
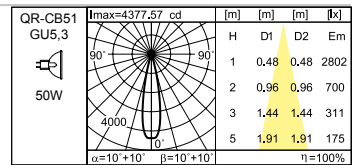
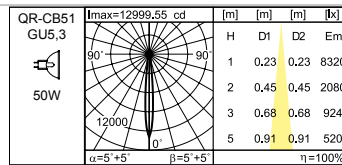
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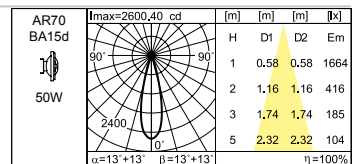
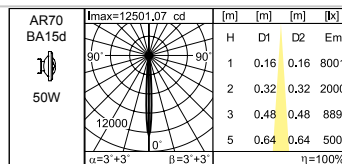
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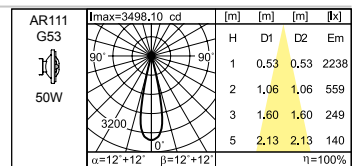
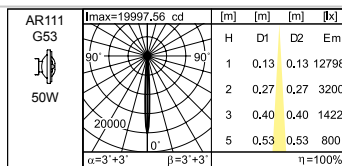
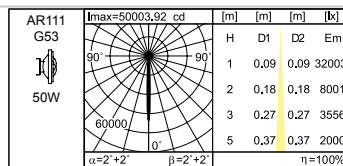
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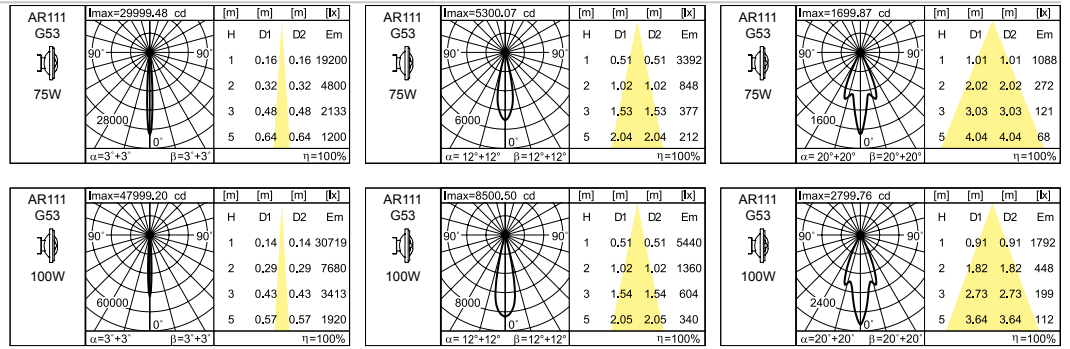
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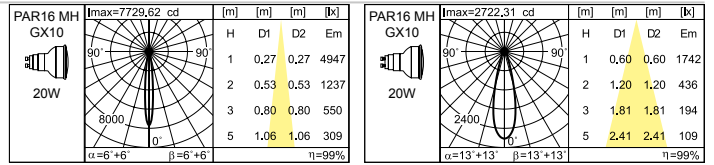
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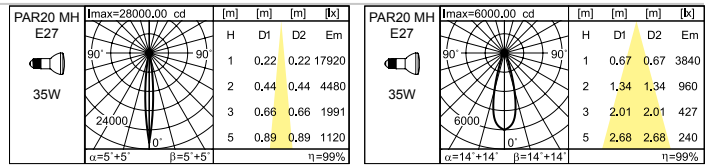
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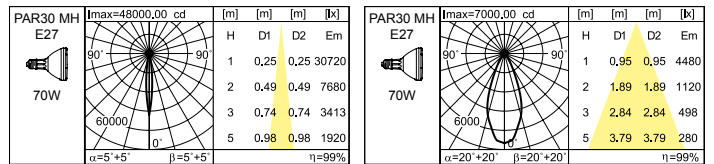
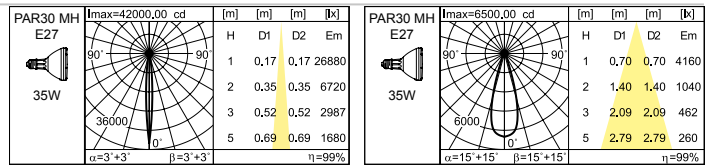
PAR16 MH - GX10 (*)



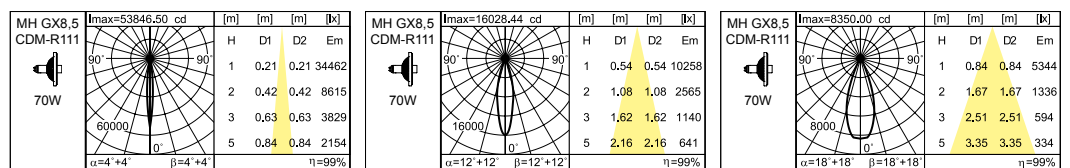
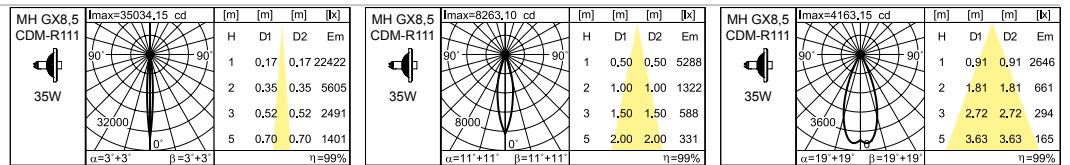
PAR20 MH - E27



PAR30 MH - E27



CDM-R111 MH - GX8.5 (*)



The graphs corresponding to the lamps are calculated using official data provided by the manufacturers. (*) data recorded by the Martini S.p.A. laboratory

ANTI-VANDAL SCREW KIT

Code	Anti-vandal screw kit
91102.00	Walkie Car160* anti-vandal screw kit
91103.00	WalkieCar230/300* anti-vandal screw kit
91104.00	Walkie Plus Alog/Pila 125* anti-vandal screw kit
91105.00	Walkie Plus TCSE/R7s* anti-vandal screw kit
91106.00	Pilo 168* anti-vandal screw kit
91107.00	Pilo Up* anti-vandal screw kit
91108.00	Pilo 125* anti-vandal screw kit
91111.00	Osio calp*8 anti-vandal screw kit
91112.00	Osio calp*10 anti-vandal screw kit
91113.00	Osio calp*12 anti-vandal screw kit
91114.00	Osio calp*14 anti-vandal screw kit
91119.00	Moove IP65* anti-vandal screw kit
91120.00	Martino* anti-vandal screw kit
91121.00	Riga* anti-vandal screw kit
91123.00	Osio Pii calp*2 anti-vandal screw kit
91115.00	Totem* anti-vandal screw kit
91116.00	Totem applique* anti-vandal screw kit
91117.00	Minitotem* anti-vandal screw kit
91118.00	Minitotem applique* anti-vandal screw kit
76898.00	Inoxa* anti-vandal screw kit

Code	Anti-vandal spanner kit
91130.00	Anti-vandal spanner ch2
76899.00	Anti-vandal spanner ch2,5
91132.00	Anti-vandal spanner ch3
91133.00	Anti-vandal spanner ch4
91134.00	Anti-vandal spanner ch5

Code	Screwing machine adapter kit
91140.00	Screwing machine adapter for anti-vandal screws ch2
91141.00	Screwing machine adapter for anti-vandal screws ch2,5
91142.00	Screwing machine adapter for anti-vandal screws ch3
91143.00	Screwing machine adapter for anti-vandal screws ch4
91144.00	Screwing machine adapter for anti-vandal screws ch5

Combinations

Anti-vandal allen screw kit

Complete with pin with hexagonal spanners and adapters with hole

Code	Anti-vandal Screw kit	Spanner kit for Anti-vandal screws	Screwing machine adaptor Kit for anti-vandal screws
91102.00	Walkie Car160* anti-vandal screw kit	76899.00	91141.00
91103.00	Walkie Car230/300* anti-vandal screw kit	91133.00	91143.00
91104.00	Walkie Plus Alog/Pila 125* anti-vandal screw kit	76899.00	91141.00
91105.00	Walkie Plus TCSE/R7s* anti-vandal screw kit	91130.00	91140.00
91106.00	Pilo 168* anti-vandal screw kit	91132.00+91133.00	91142.00+91143.00
91107.00	Pilo Up* anti-vandal screw kit	91132.00	91142.00
91108.00	Pilo 125* anti-vandal screw kit	76899.00	91141.00
91111.00	Osio calp*8 anti-vandal screw kit	76899.00+91132.00	91141.00+91142.00
91112.00	Osio calp*10 anti-vandal screw kit	76899.00+91132.00	91141.00+91142.00
91113.00	Osio calp*12 anti-vandal screw kit	76899.00+91132.00	91141.00+91142.00
91114.00	Osio calp*14 anti-vandal screw kit	76899.00+91132.00	91141.00+91142.00
91119.00	Moove IP65* anti-vandal screw kit	76899.00+91134.00	91141.00+91144.00
91120.00	Martino* anti-vandal screw kit	91132.00+91134.00	91142.00+91144.00
91121.00	Riga* anti-vandal screw kit	76899.00	91141.00
91123.00	Osio Pii calp*2 anti-vandal screw kit	91132.00	91142.00
91115.00	Totem* anti-vandal screw kit	76899.00+91133.00	91141.00+91143.00
91116.00	Totem applique* anti-vandal screw kit	76899.00+91133.00	91141.00+91143.00
91117.00	Minitotem* anti-vandal screw kit	76899.00+91133.00	91141.00+91143.00
91118.00	Minitotem applique* anti-vandal screw kit	76899.00+91132.00+91133.00	91141.00+91142.00+91143.00
76898.00	Inoxa* anti-vandal screw kit	76899.00	91141.00







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MARTINI S.p.A.

Via Provinciale, 24 - 41033 Concordia s/S, Modena - Italy
Tel. +39 0535 48111 - Fax +39 0535 48221 - info@martinilight.com

www.martinilight.com