



marecoLUCE

Enlight since **1973**



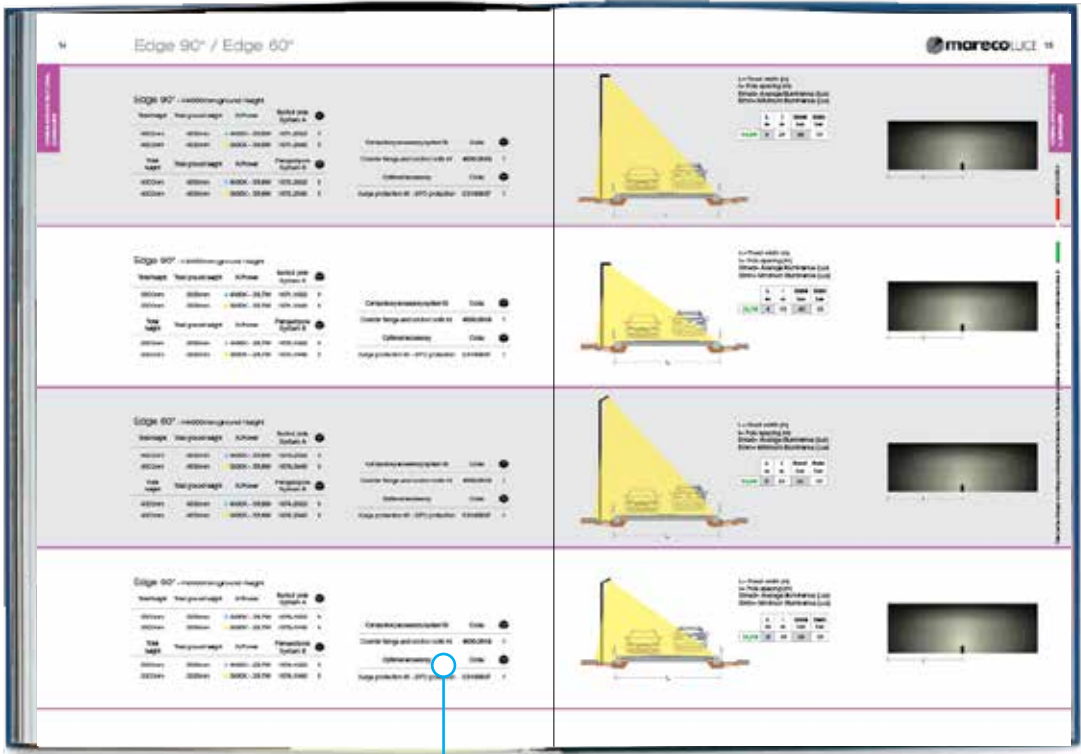
Guidance for consultation

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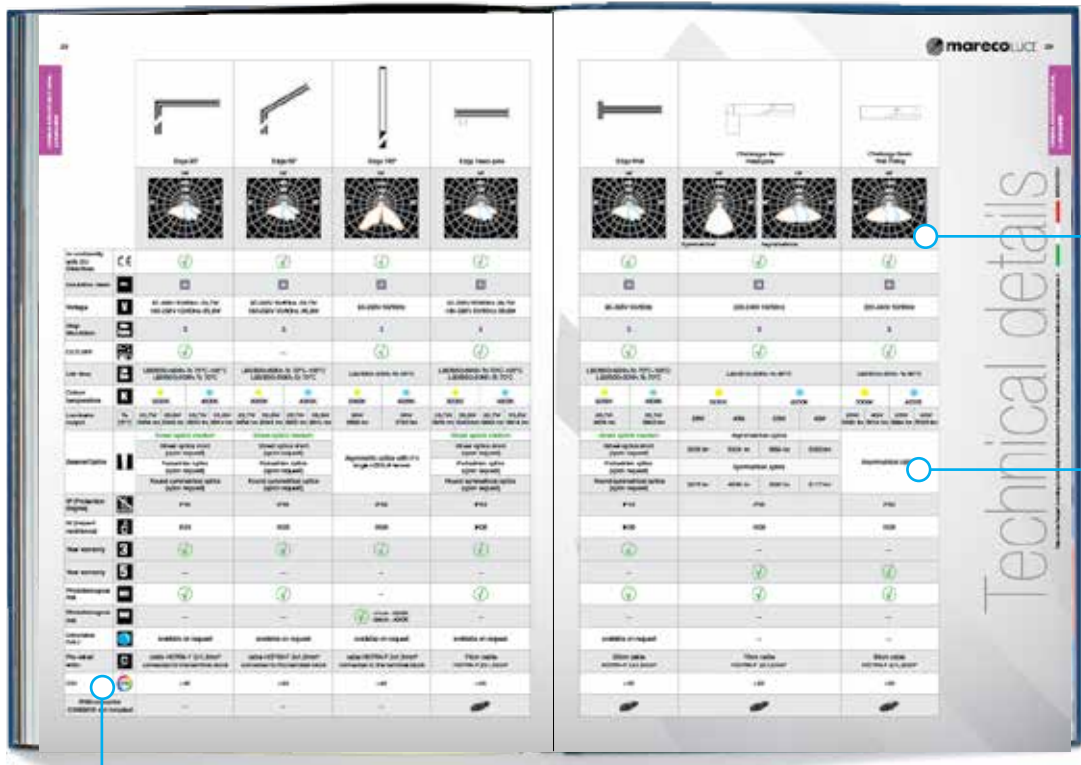
Datasheet product





Pages with reference codes to mention for orders

Codes



Technical details

Photometric data

Technical data table

Main info iconography

Iconography



Ceiling installation



Surface installation



Ground installation



IP protection degree



Protected against:
Polarity reversal
Overvoltage
Short circuit



Impact resistance
IKXX



The installation requires a drainage system of 30cm (gravel)



Inground recessed luminaire



Pre-wired with:
XXm cable



Permanent emergency



Step
MacAdam



CUT-OFF



Life time



Colour temperature



Voltage



Lamp holder



Max Load
XXXKg 20Km/h



Recessed box included



Do not install in areas at risk of flooding



Year warranty



Year warranty



Dimmable
1-10V/DALI



Virtual midnight



Photobiological risk



Colour rendering index



European Norms
Electrical Certification



Beams/Optics



In conformity with EU
Directives



Insulation
Class I



Insulation
Class II



Insulation
Class III



Luminaire
output



Suitable for salty
environments

Definitions



CRI stands for Colour Rendering Index. It is the measurement of how colours look under a light source when compared with sunlight. The index is measured from 0-100, with a perfect 100 indicating that colours under the light source appear the same as they would under natural sunlight.



RG stands for Risk Group and it indicates the level of risk caused by the blue light (photobiological risk).

RG0 (Risk Exempt): The source does not cause any photo-biological risk. Requirement met by any lamp that does not cause a blue light (BL) retinal risk with an exposure time of up to 10,000 s (about 2.8 h).

RG1 (Low Risk): The source does not cause risk due to normal operating limitations on exposure. Requirement met by any source that exceeds the limits of the Exempt Group but does not cause a blue light (BL) retinal risk with an exposure time of up to 100 s.

RG2 (Moderate Risk): The source does not cause a risk due to an instinctive reaction when looking at very bright light sources (or due to a sensation of thermal discomfort.) Requirement met by any source that exceeds the limits of Risk 1 Group but does not cause a blue light (BL) retinal risk with an exposure time of up to 0.25 s (aversion response).

RG3 (High Risk): The source can constitute a risk even due to momentary or brief exposure. Sources that exceed the limits of Risk Group 2 are included in Risk Group 3.



IP20 Protected against solid objects $\varnothing >$ of 12mm (e.g., fingers) and not protected against liquids.

IP40 Protected against solid objects $\varnothing >$ of 1mm (e.g., wires, nails...) and not protected against liquids.

IP43 Protected against solid objects $\varnothing >$ of 1mm (e.g., wires, nails...) and against direct sprays of water up to 60 ° from the vertical (rain).

IP44 Protected against solid objects $\varnothing >$ of 1mm (e.g., wires, nails...) and against water splashed from all directions, limited ingress permitted.

IP54 Protected against dust limited ingress, not harmful deposits and against water splashed from all directions, limited ingress permitted.

IP55 Protected against dust limited ingress, not harmful deposits and against low pressure jets of water from all directions, limited ingress permitted.

IP65 Totally protected against dust and against low pressure jets of water from all directions, limited ingress permitted.

IP66 Totally protected against dust and against strong jets of water (e.g., on ships deck), limited ingress permitted.

IP67 Totally protected against dust and against the effects of temporary immersion between 15cm and 1m. Duration of test 30 minutes.

IP68 Totally protected against dust and against long periods of immersion under pressure.



IK02 Protected against 0.2 joules of impact (the equivalent to the impact of a 0,25kg mass dropped from 80mm above the impacted surface).

IK03 Protected against 0.35 joules of impact (the equivalent to the impact of a 0,2kg mass dropped from 140mm above the impacted surface).

IK04 Protected against 0.5 joules of impact (the equivalent to the impact of a 0,25kg mass dropped from 200mm above the impacted surface).

IK05 Protected against 0.7 joules of impact (the equivalent to the impact of a 0,25kg mass dropped from 280mm above the impacted surface).

IK06 Protected against 1 joules of impact (the equivalent to the impact of a 0,25kg mass dropped from 400mm above the impacted surface).

IK07 Protected against 2 joules of impact (the equivalent to the impact of a 0,5kg mass dropped from 400mm above the impacted surface).

IK08 Protected against 5 joules of impact (the equivalent to the impact of a 1,7kg mass dropped from 300mm above the impacted surface).



Protection System (Lira)

Mareco Luce uses TransZorb to guarantee full protection during the luminaire installation. This solution helps to prevent damage to the LED's and is designed to solve problems caused by sudden voltage peaks due to faulty electrical connections. The IPSC system protects against:

- Polarity reversal
- Overvoltage
- Shortcircuit

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RESIDENTIAL
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Edge Wall 90°
88



Edge Bollard
60°
90



Edge Wall 60°
90



Edge Bollard
180°
92



Delux Round
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Delux 360°
100



Delux Wall
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100



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Semi-covered
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Coled Round
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Coled Square
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New Stelo
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New Stelo
Opaled
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New Stelo
Traled
134



Easy Lux round
136



Easy Lux
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138

HEAD-POLES Ø60mm



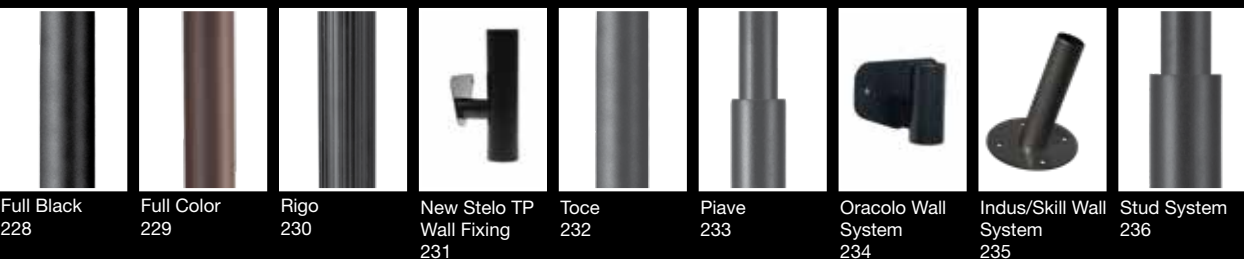
RECESSED LUMINAIRES



GLOBES AND ACCESSORIES



POLES AND SYSTEMS



EDGE

M. Frau - D. Bartolini

Edge 90° **10**

Edge 60° **12**

Edge 180° **16**

Edge Head-pole **20**

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CHALLENGE

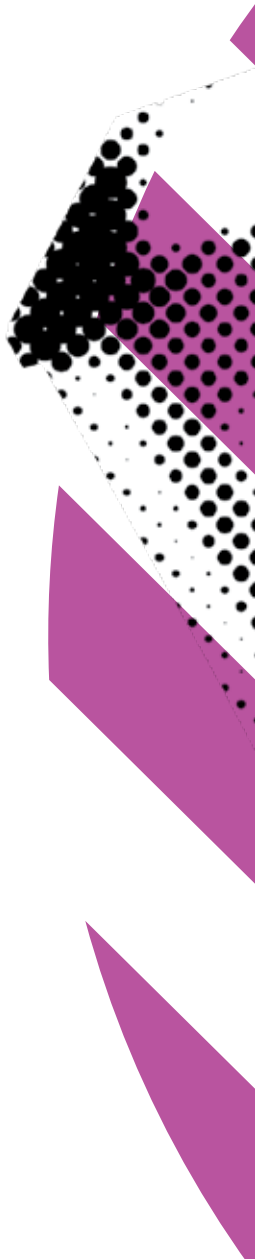
D. Bartolini

Challenge Basic Head-pole **24**

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head-poles and systems

maarec



COO

urban architectural luminaires

Data can be changed according to technological developments. For the latest updates we recommend you to visit our website marecoluce.it

MADE IN ITALY



Edge 90°

Technical details

- Cut-off led's luminaire rectangular shaped 125x90mm for parks and urban lighting
- Polyester powder coating after specific weathering resistance treatment
- Hole and terminal block 4x16mm² CLII with fuse holder and inspection door
- Pre-wired with cable 2x1,5mm² H07RN-F connected to the terminal block, for an easy installation
- Interlocking decorative side profile in PC (polycarbonate)
- Reinforced thermoplastic and painted front closure cap
- A2 stainless steel screws
- Anodized aluminum heat sink
- N°12 LED's powered at 350mA, in pole H3000mm (ground height)
- N°12 LED's powered at 700mA, in pole H4000mm (ground height)
- Driver IP67 included (DALI dimmable version available on request)
- PCB in IMS

Optics and lens

- Street optics medium
- Different optics availability according to the project needs, upon request: street optics short, pedestrian optics or round symmetrical optics
- Non yellowing, transparent PMMA (acrylic) lens

Buried pole – System A

- Rectangular pole, in anodized and painted extruded aluminium, 90x125x3500/4600mm for plinth fixing
- 90° bracket, in anodized and painted extruded aluminium L600mm
- Self-adhesive bituminous membrane, reinforced with a 1,5mm thick aluminum film, Class "E" fire resistant, stuck on the part of the pole that has to be placed under the ground for protection against corrosion and weathering

Flanged pole – System B


- Rectangular pole, in anodized and painted extruded aluminium, 90x125x3000/4000mm complete with flange for floor fixing
- 90° bracket, in anodized and painted extruded aluminium L600mm
- 250x200mm flange, 10mm thick made of hot-dip galvanized steel 75µm UNI EN 1461

Compulsory accessory for System B (to be ordered separately)

- Counter flange 250x200x3mm and M16x500mm anchor bolts, made of hot-dip galvanized steel 75µm UNI EN 1461

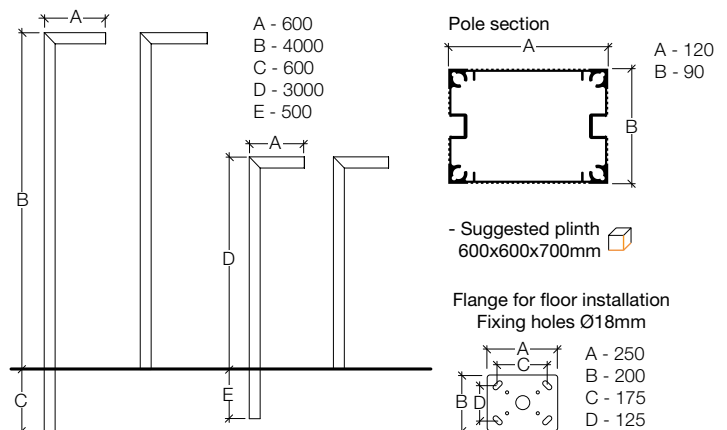
Optional accessory – SPD Protection (to be ordered separately)


- Surge protection kit: Max impulse voltage UOC 10KV, Voltage protection level L-N <1500V
- When purchased, the protection kit will be built-in the luminaire

 Compliance with EU regulatory requirements

Color:

-  Anthracite RAL 7016



 Warm	 Cold	 H2O Stop	 IK	 Insulation class	 Cut off	 3
3000K/4000K		IP65	IK06		Yes	3 years



Edge 60°

Technical details

- Led's luminaire for parks and urban lighting
- Polyester powder coating after specific weathering resistance treatment
- Hole and terminal block 4x16mm² CLII with fuse holder and inspection door
- Pre-wired with cable 2x1,5mm² H07RN-F connected to the terminal block, for an easy installation
- Interlocking decorative side profile in PC (polycarbonate)
- Reinforced thermoplastic and painted front closure cap
- A2 stainless steel screws
- Anodized aluminum heat sink
- N°12 LED's powered at 350mA, in pole H3000mm (ground height)
- N°12 LED's powered at 700mA, in pole H4000mm (ground height)
- Driver IP67 included (DALI dimmable version available on request)
- PCB in IMS

Optics and lens

- Street optics medium
- Different optics availability according to the project needs, upon request: street optics short, pedestrian optics or round symmetrical optics
- Non yellowing, transparent PMMA (acrylic) lens

Buried pole – System A

- Rectangular pole, in anodized and painted extruded aluminium, 90x125x3500/4600mm for plinth fixing
- 60° tilt bracket, in anodized and painted extruded aluminium L600mm
- Self-adhesive bituminous membrane, reinforced with a 1,5mm thick aluminum film, Class "E" fire resistant, stuck on the part of the pole that has to be placed under the ground for protection against corrosion and weathering

Flanged pole – System B

- Rectangular pole, in anodized and painted extruded aluminium, 90x125x3000/4000mm complete with flange for floor fixing
- 60° tilt bracket, in anodized and painted extruded aluminium L600mm
- 250x200mm flange, 10mm thick made of hot-dip galvanized steel 75µm UNI EN 1461

Compulsory accessory for System B (to be ordered separately)

- Counter flange 250x200x3mm and M16x500mm anchor bolts, made of hot-dip galvanized steel 75µm UNI EN 1461

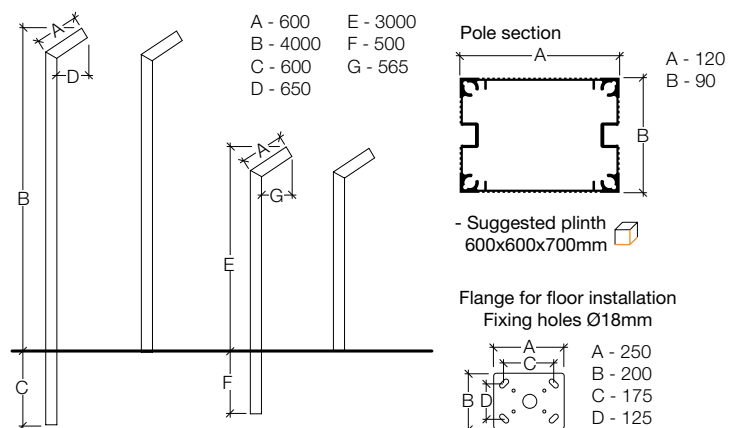
Optional accessory – SPD Protection (to be ordered separately)

- Surge protection kit: Max impulse voltage UOC 10KV, Voltage protection level L-N <1500V
- When purchased, the protection kit will be built-in the luminaire

CE Compliance with EU regulatory requirements

Color:

● Anthracite RAL 7016



Warm
3000K/4000K



Cold



H2O Stop
IP65



IK
IK06



Insulation class







Guarantee
3 years





Edge 90° / Edge 60°



Edge 90° - H4000mm ground Height

Total height	Total ground height	K/Power	Buried pole System A	
4600mm	4000mm	● 4000K - 56,8W	1071.282S	1
4600mm	4000mm	● 3000K - 56,8W	1071.284S	1
Total height	Total ground height	K/Power	Flanged pole System B	
4000mm	4000mm	● 4000K - 56,8W	1072.282S	1
4000mm	4000mm	● 3000K - 56,8W	1072.284S	1



Compulsory accessory system B	Code	
Counter flange and anchor bolts kit	4000.0009	1
Optional accessory	Code	
Surge protection kit - SPD protection	CS160037	1



Edge 90° - H3000mm ground Height

Total height	Total ground height	K/Power	Buried pole System A	
3500mm	3000mm	● 4000K - 28,7W	1071.182S	1
3500mm	3000mm	● 3000K - 28,7W	1071.184S	1
Total height	Total ground height	K/Power	Flanged pole System B	
3000mm	3000mm	● 4000K - 28,7W	1072.182S	1
3000mm	3000mm	● 3000K - 28,7W	1072.184S	1



Compulsory accessory system B	Code	
Counter flange and anchor bolts kit	4000.0009	1
Optional accessory	Code	
Surge protection kit - SPD protection	CS160037	1



Edge 60° - H4000mm ground Height

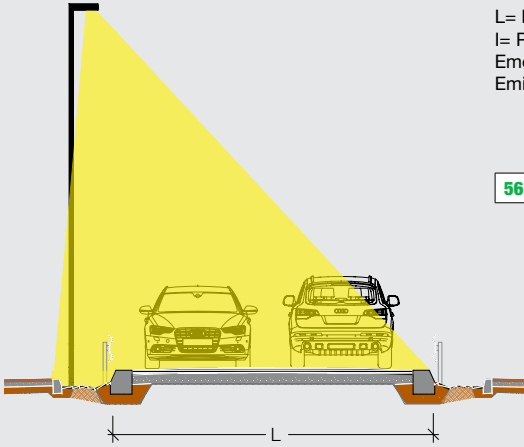
Total height	Total ground height	K/Power	Buried pole System A	
4600mm	4000mm	● 4000K - 56,8W	1073.282S	1
4600mm	4000mm	● 3000K - 56,8W	1073.284S	1
Total height	Total ground height	K/Power	Flanged pole System B	
4000mm	4000mm	● 4000K - 56,8W	1074.282S	1
4000mm	4000mm	● 3000K - 56,8W	1074.284S	1

Compulsory accessory system B	Code	
Counter flange and anchor bolts kit	4000.0009	1
Optional accessory	Code	
Surge protection kit - SPD protection	CS160037	1

Edge 60° - H3000mm ground Height

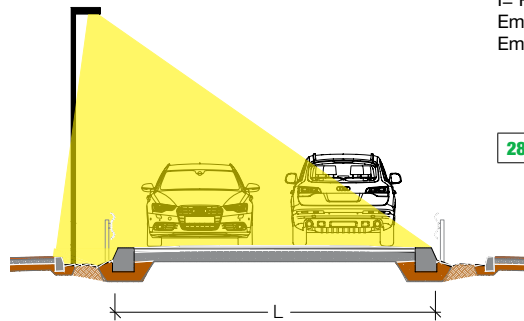
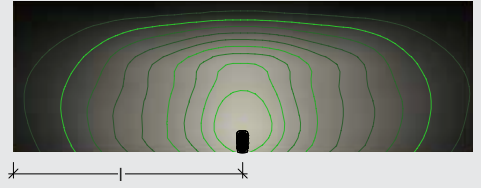
Total height	Total ground height	K/Power	Buried pole System A	
3500mm	3000mm	● 4000K - 28,7W	1073.182S	1
3500mm	3000mm	● 3000K - 28,7W	1073.184S	1
Total height	Total ground height	K/Power	Flanged pole System B	
3000mm	3000mm	● 4000K - 28,7W	1074.182S	1
3000mm	3000mm	● 3000K - 28,7W	1074.184S	1

Compulsory accessory system B	Code	
Counter flange and anchor bolts kit	4000.0009	1
Optional accessory	Code	
Surge protection kit - SPD protection	CS160037	1



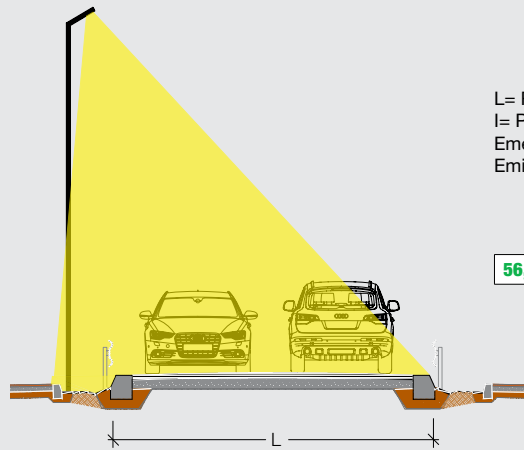
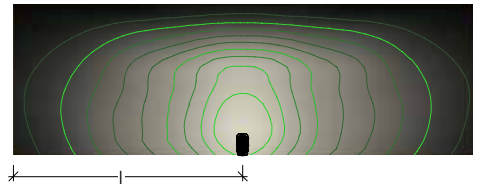
L= Road width (m)
 l= Pole spacing (m)
 Emed= Average illuminance (Lux)
 Emin= Minimum illuminance (Lux)

L m	l m	Emed Lux	Emin Lux	
56,8W	5	20	39	15



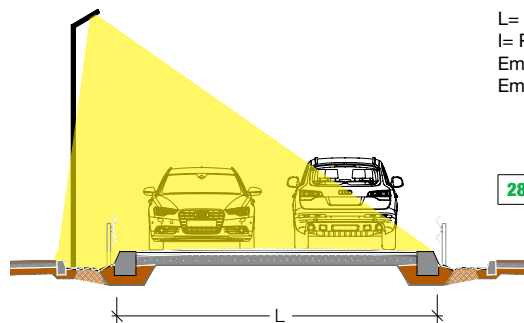
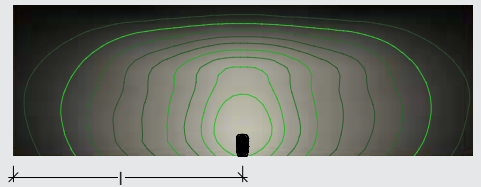
L= Road width (m)
 l= Pole spacing (m)
 Emed= Average illuminance (Lux)
 Emin= Minimum illuminance (Lux)

L m	l m	Emed Lux	Emin Lux	
28,7W	4	15	45	15



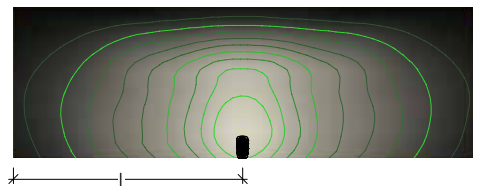
L= Road width (m)
 l= Pole spacing (m)
 Emed= Average illuminance (Lux)
 Emin= Minimum illuminance (Lux)

L m	l m	Emed Lux	Emin Lux	
56,8W	5	20	29	15



L= Road width (m)
 l= Pole spacing (m)
 Emed= Average illuminance (Lux)
 Emin= Minimum illuminance (Lux)

L m	l m	Emed Lux	Emin Lux	
28,7W	5	15	34	15



Edge 180°

Technical details

- Led's luminaire for parks and urban lighting
- Polyester powder coating after specific weathering resistance treatment
- Hole and terminal block 4x16mm² CLII with fuse holder and inspection door
- Pre-wired with cable 2x1,5mm² H07RN-F connected to the terminal block, for an easy installation
- Interlocking decorative side profile in PC (polycarbonate)
- Reinforced thermoplastic and painted front closure cap
- A2 stainless steel screws
- Anodized aluminum heat sink
- Slot H900x80mm in the pole H2500mm (ground height)
- Slot H1200x80mm in the pole H3500mm (ground height)
- N°4 LED's powered at 700mA
- Driver IP67 included (DALI dimmable version available on request)
- PCB in IMS

Optics and lens

- Asymmetric optics with n°4 single lenses
- Non yellowing, transparent PMMA (acrylic) lens

Buried pole – System A

- Rectangular pole, in anodized and painted extruded aluminium, 90x125x3000/4000mm for plinth fixing
- Self-adhesive bituminous membrane, reinforced with a 1,5mm thick aluminum film, Class "E" fire resistant, stuck on the part of the pole that has to be placed under the ground for protection against corrosion and weathering

Flanged pole – System B

- Rectangular pole, in anodized and painted extruded aluminium, 90x125x2500/3500mm complete with flange for floor fixing
- 94x84mm flange, 200mm thick made of hot-dip galvanized steel 75µm UNI EN 1461 - H2500mm (ground height)
- 250x200mm flange, 10mm thick made of hot-dip galvanized steel 75µm UNI EN 1461 - H3500mm (ground height)

Compulsory accessories for System B (to be ordered separately)

- Anchor bolts M12x200mm in hot galvanized steel 75µm UNI EN 1461 for plinth fixing - H2500mm (ground height)
- Counter flange 250x200x3mm and M16x500mm anchor bolts, made of hot-dip galvanized steel 75µm UNI EN 1461 - H3500mm (ground height)

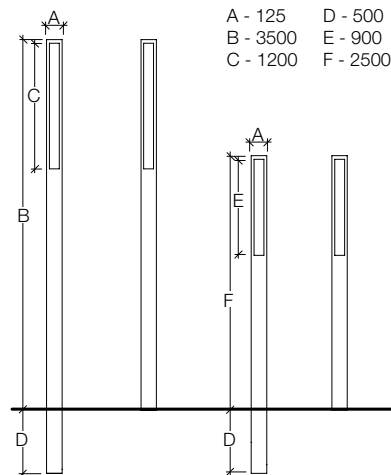
Optional accessory – SPD Protection (to be ordered separately)

- Surge protection kit:
- Max impulse voltage UOC 10KV, Voltage protection level L-N <1500V
 - When purchased, the protection kit will be built-in the luminaire

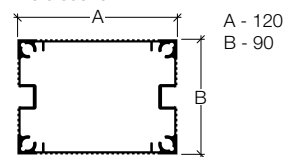
CE Compliance with EU regulatory requirements

Color:

- Anthracite RAL 7016

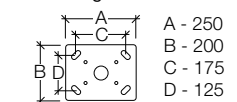


Pole section

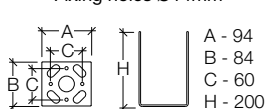


- Suggested plinth
600x600x700mm

Flange for H3500 ground height
Fixing holes Ø18mm



Flange for H2500 ground height
Fixing holes Ø14mm



Warm	Cold	H2O Stop	IK	Insulation class	Cut off	Guarantee
3000K/4000K		IP65	IK08		Yes	3 years



Edge 180° - H3500mm ground Height

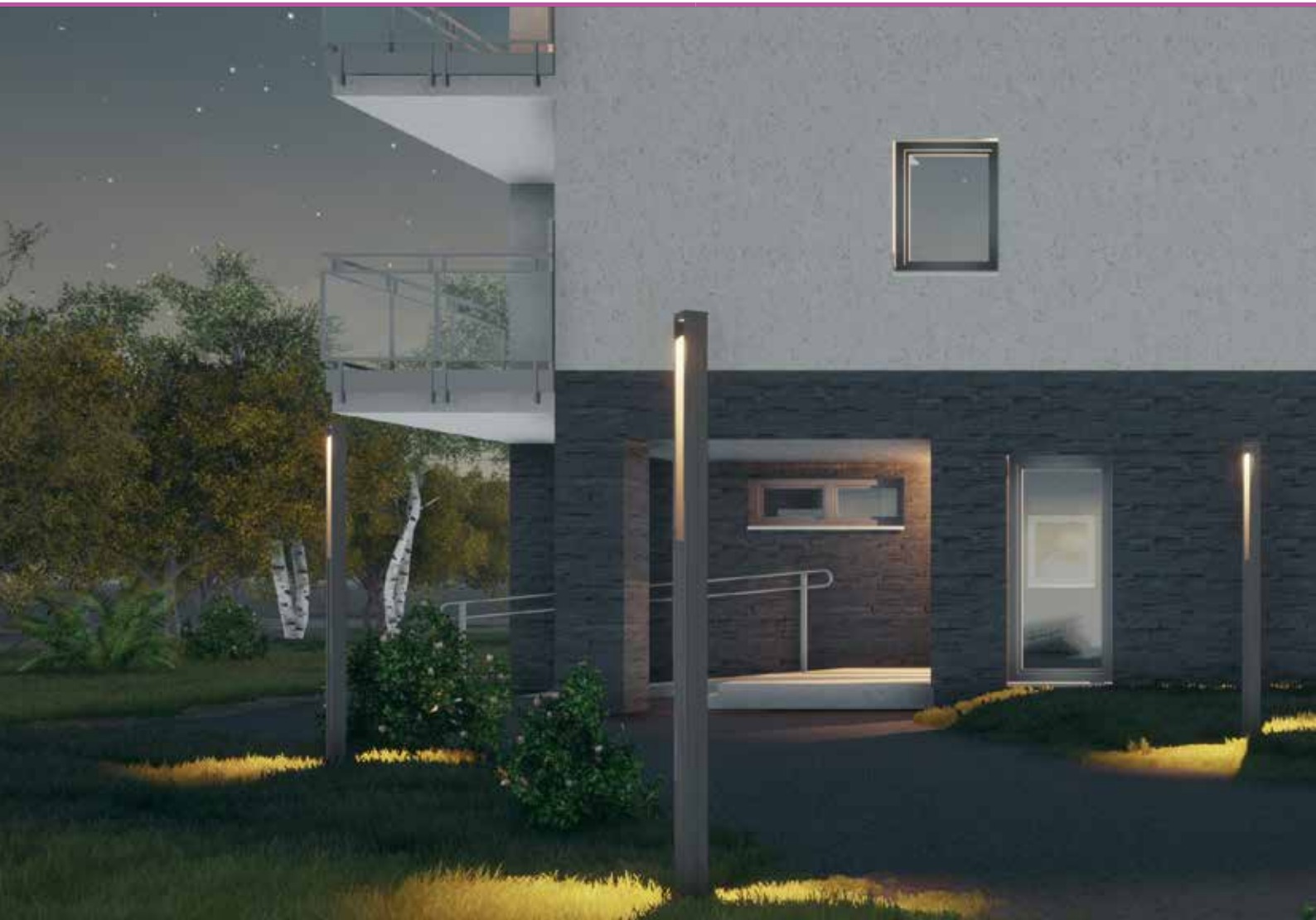
Total height	Total ground height	K/Power	Buried pole System A	
4000mm	3500mm	● 4000K - 38W	1075.282S	1
4000mm	3500mm	● 3000K - 38W	1075.284S	1
Total height	Total ground height	K/Power	Flanged pole System B	
3500mm	3500mm	● 4000K - 38W	1076.282S	1
3500mm	3500mm	● 3000K - 38W	1076.284S	1

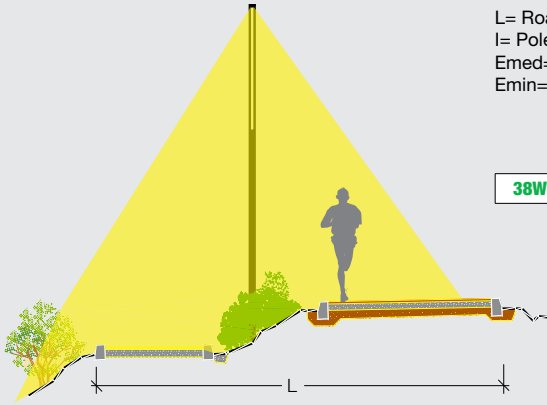
Compulsory accessory system B	Code	
Counter flange and anchor bolts kit - H3500mm	4000.0009	1
Optional accessory	Code	
Surge protection kit - SPD protection	CS160039	1

Edge 180° - H2500mm ground Height

Total height	Total ground height	K/Power	Buried pole System A	
3000mm	2500mm	● 4000K - 38W	1075.182S	1
3000mm	2500mm	● 3000K - 38W	1075.184S	1
Total height	Total ground height	K/Power	Flanged pole System B	
2500mm	2500mm	● 4000K - 38W	1076.182S	1
2500mm	2500mm	● 3000K - 38W	1076.184S	1

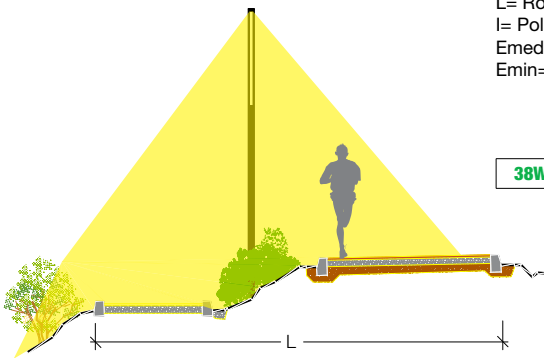
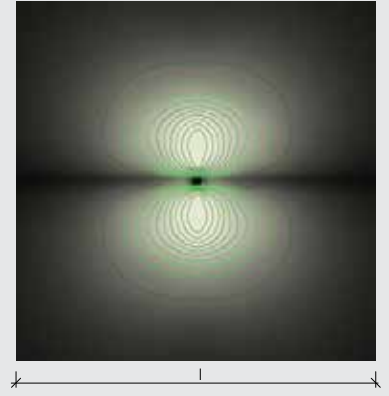
Compulsory accessory system B	Code	
Anchor bolts kit for plinth fixing - H2500mm	4000.005W	1
Optional accessory	Code	
Surge protection kit - SPD protection	CS160039	1





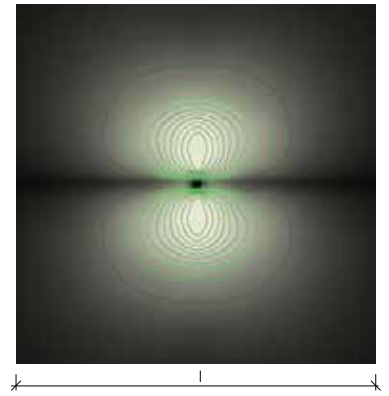
L= Road width (m)
 l= Pole spacing (m)
 Emed= Average illuminance (Lux)
 Emin= Minimum illuminance (Lux)

	L m	l m	Emed Lux	Emin Lux
38W - H3500	15	15	15	5



L= Road width (m)
 l= Pole spacing (m)
 Emed= Average illuminance (Lux)
 Emin= Minimum illuminance (Lux)

	L m	l m	Emed Lux	Emin Lux
38W - H2500	10	10	25	5





Edge Head-pole

Technical details

- Cut-off led's luminaire rectangular shaped 125x90mm for pole top use on Ø60mm poles
- Polyester powder coating after specific weathering resistance treatment
- Interlocking decorative side profile in PC (polycarbonate)
- Reinforced thermoplastic and painted front closure cap
- A2 stainless steel screws
- Anodized aluminium heat sink
- Driver IP67 included (DALI dimmable version available on request)
- N°12 LED's powered at 350mA or at 700mA and PCB in IMS

Optics and lens

- Street optics medium
- Different optics availability according to the project needs, upon request: street optics short, pedestrian optics, round symmetrical optics
- Non yellowing, transparent PMMA (acrylic) lens

Pole-top

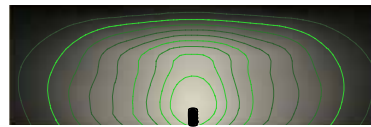
- Hot-dip galvanized and painted steel round pole-top

Housing

- Anodised and painted extruded aluminium housing

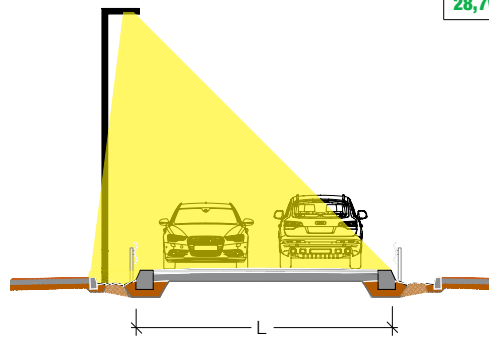
Optional accessories (to be ordered separately)

- Surge protection kit:
 - Max impulse voltage UOC 10KV, Voltage protection level L-N <1500V
 - When purchased, the protection kit will be built-in the luminaire
- IP68 connector



L= Road width (m)
 l= Pole spacing (m)
 Emed= Average illuminance (Lux)
 Emin= Minimum illuminance (Lux)

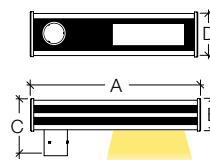
	L m	l m	Emed Lux	Emin Lux
28,7W	4	15	45	15



CE Compliance with EU regulatory requirements

Color:

Anthracite RAL 7016



A - 500
 B - 90
 C - 168
 D - 125
 For Ø60 pole tops

K/Power	Code	
● 4000K - 28,7W	0170.182S	1
● 3000K - 28,7W	0170.184S	1
● 4000K - 56,8W	0170.382S	1
● 3000K - 56,8W	0170.384S	1

Optional accessories	Code	
Surge protection kit SPD protection	CS160037	1
IP68 connector	CS093000	1

Warm	Cold	H2O Stop	IK	Insulation class	Cut off	3 Guarantee
3000K/4000K		IP65	IK06		Yes	3 years





Edge Wall

Technical details

- Cut-off led's luminaire rectangular shaped 125x90mm complete with fixing bracket for wall mounting
- Polyester powder coating after specific weathering resistance treatment
- Interlocking decorative side profile in PC (polycarbonate)
- Reinforced thermoplastic and painted front closure cap
- A2 stainless steel screws
- Anodized aluminium heat sink
- Driver IP67 included (DALI dimmable version available on request)
- N°12 LED's powered at 350mA and PCB in IMS

Optics and lens

- Street optics medium
- Different optics availability according to the project needs, upon request: street optics short, pedestrian optics, round symmetrical optics
- Non yellowing, transparent PMMA (acrylic) lens

Housing

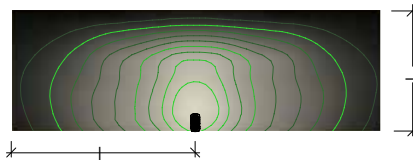
- Anodised and painted extruded aluminium housing

Flange for wall fixing

- Cold galvanised steel 75µm UNI EN 1461 flange 94x84x68mm for wall fixing

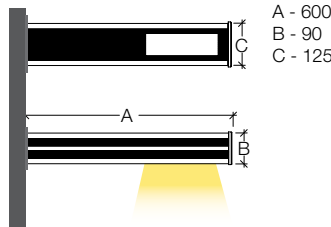
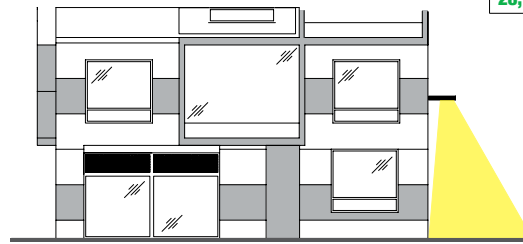
Optional accessories (to be ordered separately)

- Surge protection kit:
 - Max impulse voltage UOC 10KV, Voltage protection level L-N <1500V
 - When purchased, the protection kit will be built-in the luminaire
- IP68 connector



L= Road width (m)
 l= Pole spacing (m)
 Emed= Average illuminance (Lux)
 Emin= Minimum illuminance (Lux)

	L m	l m	Emed Lux	Emin Lux
28,7W	4	15	45	15

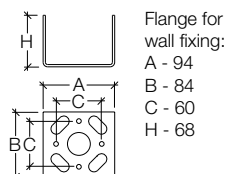


CE Compliance with EU regulatory requirements

Color:

- Anthracite RAL 7016

K/Power	Code	
● 4000K - 28,7W	0172.182S	1
● 3000K - 28,7W	0172.184S	1
Optional accessories	Code	
Surge protection kit SPD protection	CS160037	1
IP68 connector	CS093000	1



Warm	Cold	H2O Stop	IK	Insulation class	Cut off	3 Guarantee
3000K/4000K		IP65	IK06		Yes	3 years



Data can be changed according to technological developments. For the latest updates we recommend you to visit our website marecoluce.it



MADE IN ITALY

URBAN ARCHITECTURAL
LUMINAIRE

Challenge Basic Head-pole

Technical details

- Cut-off led's luminaire suitable for urban areas, for use on Ø60mm pole tops
- Silicone gaskets
- Polyester powder coating after a treatment specific for weathering resistance
- A2 stainless steel screws
- Conforms to regional laws against light pollution
- Only upon request version with power reduction with switching time selectable
- Anodized aluminum heat sink (ribbed shape)
- Built-in driver

Housing

- Reinforced thermoplastic and painted housing
- Metric M20x1,5mm cable gland complete with vent valve

Wiring

- LED Circuit powered at 700mA or at 1050mA
- Reinforced thermoplastic wiring compartment and cover, black coated

Optics

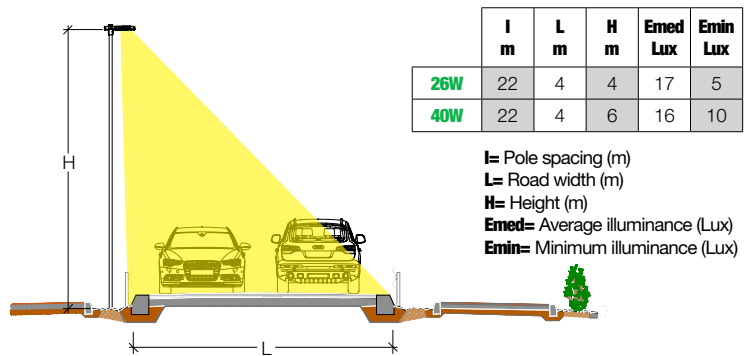
- Silicone transparent lenses symmetrical and asymmetrical
- In case of specific project requirements it is possible to request the special lenses

Pole-top

- Hot-dip galvanized and painted steel round pole top, adjustable in vertical position with tilt regulation $\pm 30^\circ$

Optional accessories (to be ordered separately)

- Surge protection kit:
 - Max impulse voltage UOC 10KV, Voltage protection level L-N <1500V
 - When purchased, the protection kit will be built-in the luminaire
- IP68 connector

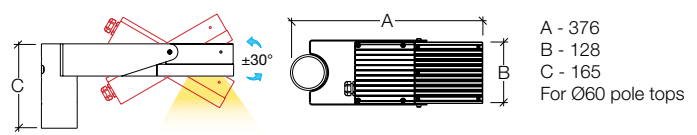


CE Compliance with EU regulatory requirements

Color:

Anthracite RAL 7016

Symmetrical	K/Power	Code	Icon	Asymmetrical	K/Power	Code	Icon
	● 4000K - 26W	1576.182N 1			● 4000K - 26W	1577.182N 1	
	● 3000K - 26W	1576.184N 1			● 3000K - 26W	1577.184N 1	
	● 4000K - 40W	1576.282N 1			● 4000K - 40W	1577.282N 1	
	● 3000K - 40W	1576.284N 1			● 3000K - 40W	1577.284N 1	
Optional accessories		Code	Icon	Optional accessories		Code	Icon
Surge protection kit SPD protection		CS160032 1		Surge protection kit SPD protection		CS160032 1	
IP68 connector		CS093000 1		IP68 connector		CS093000 1	



Warm	Cold	H2O Stop	IK	Insulation class	Class	Cut off	Guarantee
3000K/4000K		IP65	IK08			Yes	5 years



Data can be changed according to technological developments. For the latest updates we recommend you to visit our website marecoluce.it



MADE IN ITALY

URBAN ARCHITECTURAL
LUMINAIRE



Challenge Basic Wall Fixing

Technical details

- Cut-off led's luminaire suitable for urban areas for wall mounting
- Silicone gaskets
- Polyester powder coating after a treatment specific for weathering resistance
- A2 stainless steel screws
- Conforms to regional laws against light pollution
- Only upon request version with power reduction with switching time selectable
- Anodized aluminum heat sink (ribbed shape)
- Built-in driver

Housing

- Reinforced thermoplastic and painted housing
- Metric M20x1,5mm cable gland complete with vent valve

Wiring

- LED Circuit powered at 700mA or at 1050mA
- Reinforced thermoplastic wiring compartment and cover, black coated

Optics

- Silicone transparent lenses asymmetrical
- In case of specific project requirements it is possible to request the special lenses

Wall fixing

- Hot-dip galvanized and painted wall fixing, adjustable in vertical position with tilt regulation $\pm 30^\circ$

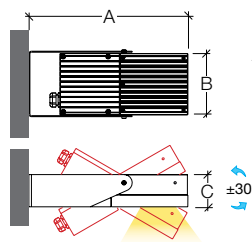
Optional accessories (to be ordered separately)

- Surge protection kit:
 - Max impulse voltage UOC 10KV, Voltage protection level L-N <1500V
 - When purchased, the protection kit will be built-in the luminaire
- IP68 connector






CE Compliance with EU regulatory requirements

Color:

 Anthracite RAL 7016




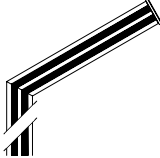


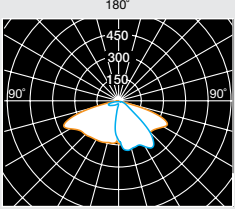
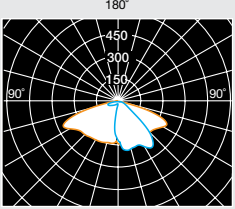
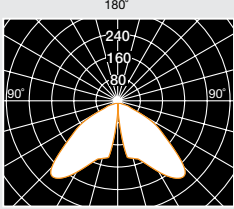
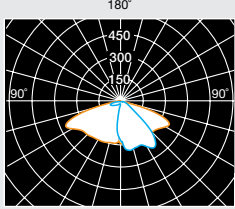














































A - 311
B - 128
C - 63

Asymmetrical	K/Power	Code	
	4000K - 26W	1575.182N	1
	3000K - 26W	1575.184N	1
	4000K - 40W	1575.282N	1
	3000K - 40W	1575.284N	1


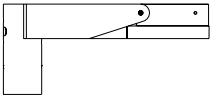
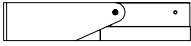
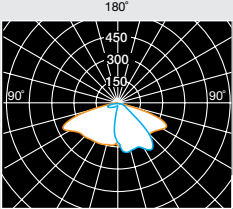
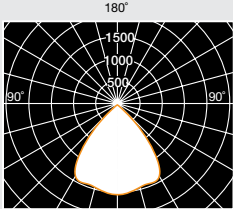
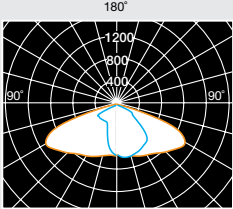
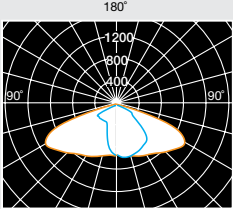
























Optional accessories	Code	
Surge protection kit SPD protection	CS160033	1
IP68 connector	CS093000	1

						
Warm	Cold	H2O Stop	IK	Insulation class	Cut off	Guarantee
3000K/4000K		IP65	IK08		Yes	5 years



		Edge 90°				Edge 60°				Edge 180°		Edge Head-pole					
																	
																	
In conformity with EU Directives																	
Insulation class																	
Voltage		90-295V 50/60Hz-28,7W 180-295V 50/60Hz-56,8W				90-295V 50/60Hz-28,7W 180-295V 50/60Hz-56,8W				90-295V 50/60Hz		90-295V 50/60Hz-28,7W 180-295V 50/60Hz-56,8W					
Step MacAdam		3				3				3		3					
CUT-OFF						--											
Life time		L85/B50>60Kh-Tc 70°C-105°C L90/B50>50Kh-Tc 70°C				L85/B50>60Kh-Tc 70°C-105°C L90/B50>50Kh-Tc 70°C				L90/B50>55Kh-Tc 85°C		L85/B50>60Kh-Tc 70°C-105°C L90/B50>50Kh-Tc 70°C					
Colour temperature		 3000K		 4000K		 3000K		 4000K		 3000K		 4000K		 3000K		 4000K	
Luminaire output		28,7W 3454 lm	56,8W 6343 lm	28,7W 3600 lm	56,8W 6614 lm	28,7W 3454 lm	56,8W 6343 lm	28,7W 3600 lm	56,8W 6614 lm	38W 2694 lm	38W 2792 lm	28,7W 3454 lm	56,8W 6343 lm	28,7W 3600 lm	56,8W 6614 lm		
Beams/Optics		Street optics medium				Street optics medium				Asymmetric optics with n°4 single LEDIL® lenses							
		Street optics short (upon request)				Street optics short (upon request)											
		Pedestrian optics (upon request)				Pedestrian optics (upon request)											
		Round symmetrical optics (upon request)				Round symmetrical optics (upon request)											
IP (Protection degree)		IP65				IP65				IP65		IP65					
IK (Impact resistance)		IK06				IK06				IK08		IK06					
Year warranty																	
Year warranty		--				--				--		--					
Photobiological risk										--							
Photobiological risk		--				--				 <71cm - 3000K <95cm - 4000K		--					
Dimmable DALI		available on request				available on request				available on request		available on request					
Pre-wired with:		cable H07RN-F 2x1,5mm² connected to the terminal block				cable H07RN-F 2x1,5mm² connected to the terminal block				cable H07RN-F 2x1,5mm² connected to the terminal block		70cm cable H07RN-F 2x1,5mm²					
CRI		>80				>80				>80		>80					
IP68 connector CS093000 not included		--				--				--							

Technical details

Edge Wall		Challenges Basic Head-pole				Challenge Basic Wall Fixing			
									
									
Symmetrical		Asymmetrical							
									
									
90-295V 50/60Hz		220-240V 50/60Hz				220-240V 50/60Hz			
3		3				3			
									
L85/B50>60Kh-Tc 70°C-105°C L90/B50>50Kh-Tc 70°C		L80/B10>50Kh-Tc 65°C				L80/B10>50Kh-Tc 65°C			
 3000K	 4000K	 3000K		 4000K		 3000K		 4000K	
28,7W 3454 lm	28,7W 3600 lm	26W	40W	26W	40W	26W 3500 lm	40W 5024 lm	26W 3694 lm	40W 5303 lm
Street optics medium		Asymmetrical optics				Asymmetrical optics			
Street optics short (upon request)		3500 lm	5024 lm	3694 lm	5303 lm				
Pedestrian optics (upon request)		Symmetrical optics							
Round symmetrical optics (upon request)		3378 lm	4848 lm	3565 lm	5117 lm				
IP65		IP65				IP65			
IK06		IK08				IK08			
		--				--			
--									
									
--		--				--			
available on request		--				--			
20cm cable H07RN-F 2x1,5mm ²		70cm cable H07RN-F 2x1,5mm ²				80cm cable H07RN-F 2x1,5mm ²			
>80		>80				>80			
									

DISCOVERY

Discovery Head-pole **32**

Discovery Side entry **36**

Discovery Pastoral bracket **40**

Discovery Span wire **44**

head-poles and systems

maarec



CO



urban architectural landscapes



Discovery Head-pole

Technical details

- Cut-off led's luminaire suitable for street lighting and for urban areas
- Silicone gaskets
- Polyester powder coating after a treatment specific for weathering resistance
- Cut out system when opening the luminaire through disconnecting switch
- A2 stainless steel screws
- Suitable for installation up to 8m height max
- Equipped with osmotic valve for leakage of air and humidity

Diffuser

- Flat, transparent, tempered glass diffuser, 4mm thick

Housing

- Anodised and painted die-cast aluminium housing
- Metric M16x1,5mm cable gland suitable for $\varnothing 6,5$ - $\varnothing 10$ mm² cables

Wiring

- Anodised and painted die-cast aluminium wiring compartment
- Wiring plate in black reinforced thermoplastic
- The wiring compartment is completely removable without using any tool for an easier ordinary and supplementary maintenance
- Built-in dimmable driver 1-10V (standard configuration), PWM or virtual midnight (DALI dimmable version available on request)
- Over voltage protection; Common Mode 10kV, Differential Mode 6kV

Optics

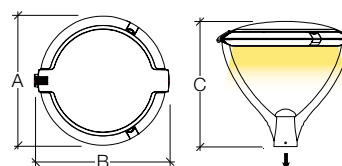
- Pedestrian optics
- Round symmetrical optics
- Street optics short
- Street optics medium

Pole-top

- Anodised and painted die-cast aluminium pole-top, suitable for poles $\varnothing 60$ / $\varnothing 76$ mm

Optional accessory (to be ordered separately)

- IP68 connector



A - $\varnothing 516$
 B - 550
 C - 500
 For $\varnothing 60/76$ pole tops

CE Compliance with EU regulatory requirements





Color:

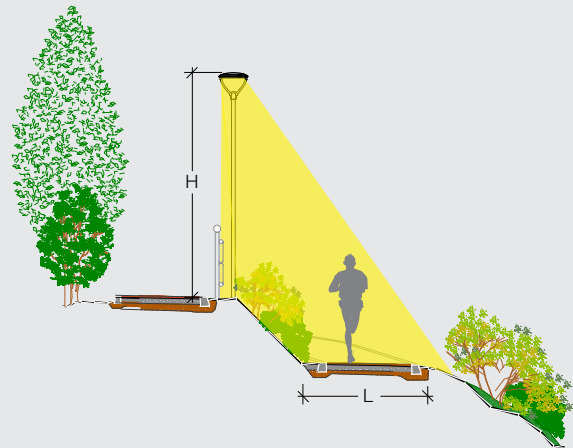
● Anthracite RAL 7016

Warm Cold	H2O Stop	IK	Insulation class	Cut off	Guarantee
3000K/4000K	IP66	IK08		Yes	5 years







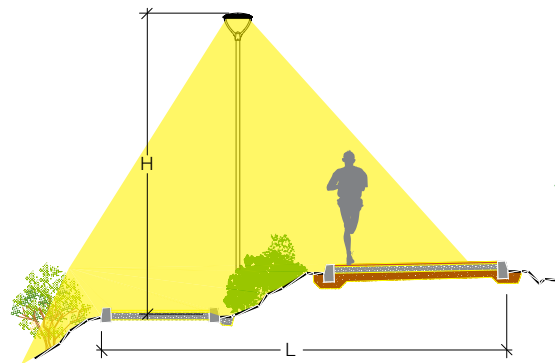
Pedestrian optics

K/Power			
● 4000K - 35W	2124.082S	2120.082S	1
● 3000K - 35W	2124.084S	2120.084S	1
● 4000K - 55,4W	2124.482S	2120.482S	1
● 3000K - 55,4W	2124.484S	2120.484S	1
Optional accessory	Code		
IP68 connector	CS093000	1	







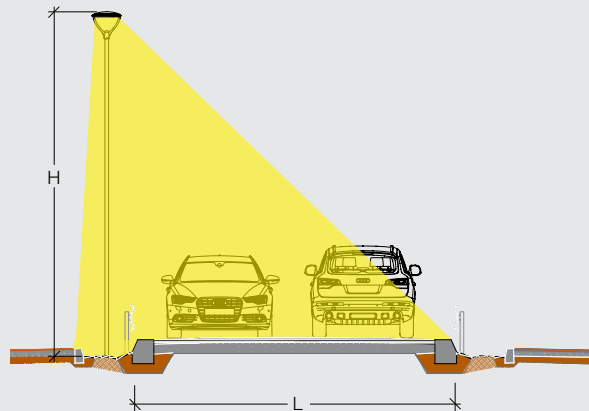
Round symmetrical optics

K/Power			
● 4000K - 35W	2124.182S	2120.182S	1
● 3000K - 35W	2124.184S	2120.184S	1
● 4000K - 55,4W	2124.582S	2120.582S	1
● 3000K - 55,4W	2124.584S	2120.584S	1
Optional accessory	Code		
IP68 connector	CS093000	1	







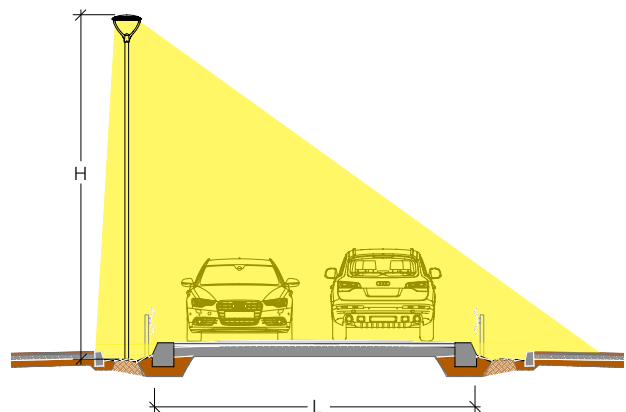
Street optics short

K/Power			
● 4000K - 35W	2124.282S	2120.282S	1
● 3000K - 35W	2124.284S	2120.284S	1
● 4000K - 55,4W	2124.682S	2120.682S	1
● 3000K - 55,4W	2124.684S	2120.684S	1
Optional accessory	Code		
IP68 connector	CS093000	1	



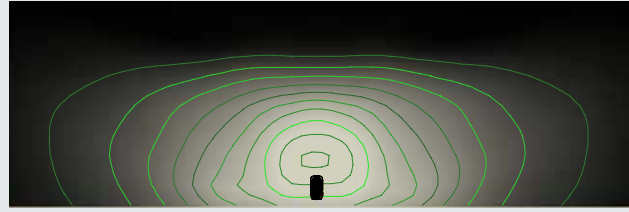
Street optics medium

K/Power			
● 4000K - 35W	2124.382S	2120.382S	1
● 3000K - 35W	2124.384S	2120.384S	1
● 4000K - 55,4W	2124.782S	2120.782S	1
● 3000K - 55,4W	2124.784S	2120.784S	1
Optional accessory	Code		
IP68 connector	CS093000	1	



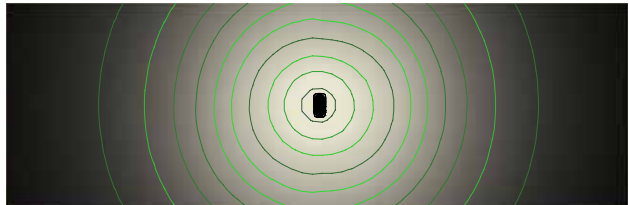
I= Pole spacing (m)
H= Height (m)
L= Road width (m)
Emed= Average illuminance (Lux)
Emin= Minimum illuminance (Lux)

	I m	H m	L m	Emed Lux	Emin Lux
35W	20	3,5	3	27	13



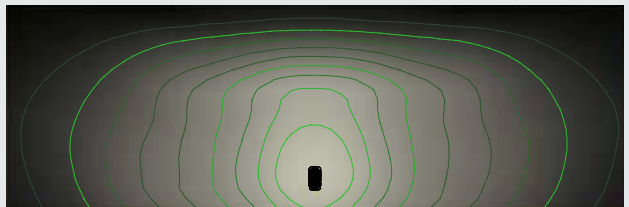
I= Pole spacing (m)
H= Height (m)
L= Road width (m)
Emed= Average illuminance (Lux)
Emin= Minimum illuminance (Lux)

	I m	H m	L m	Emed Lux	Emin Lux
35W	20	3,5	10	15	5



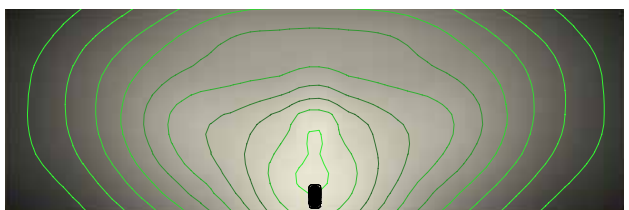
I= Pole spacing (m)
H= Height (m)
L= Road width (m)
Emed= Average illuminance (Lux)
Emin= Minimum illuminance (Lux)

	I m	H m	L m	Emed Lux	Emin Lux
55,4W	23	5	5	24	12



I= Pole spacing (m)
H= Height (m)
L= Road width (m)
Emed= Average illuminance (Lux)
Emin= Minimum illuminance (Lux)

	I m	H m	L m	Emed Lux	Emin Lux
35W	20	5	5	15	9
55,4W	20	5	5	19	7



Discovery Side-entry

Technical details

- Cut-off led's luminaire suitable for street lighting and for urban areas
- Silicone gaskets
- Polyester powder coating after a treatment specific for weathering resistance
- Cut out system when opening the luminaire through disconnecting switch
- A2 stainless steel screws
- Suitable for installation up to 8m height max
- Equipped with osmotic valve for leakage of air and humidity

Diffuser

- Flat, transparent, tempered glass diffuser, 4mm thick

Housing

- Anodised and painted die-cast aluminium housing
- Metric M16x1,5mm cable gland suitable for Ø6,5-Ø10mm² cables

Wiring

- Anodised and painted die-cast aluminium wiring compartment
- Wiring plate in black reinforced thermoplastic
- The wiring compartment is completely removable without using any tool for an easier ordinary and supplementary maintenance
- Built-in dimmable driver 1-10V (standard configuration), PWM or virtual midnight (DALI dimmable version available on request)
- Over voltage protection; Common Mode 10kV, Differential Mode 6kV

Optics

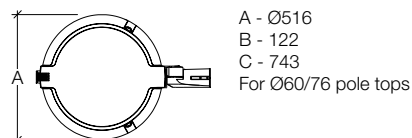
- Pedestrian optics
- Round symmetrical optics
- Street optics short
- Street optics medium

Pole-top

- Anodised and painted die-cast aluminium pole-top, suitable for poles Ø60mm and adjustable in vertical/horizontal position with tilt regulation $\pm 90^\circ$ and steps of 5°

Optional accessory (to be ordered separately)

- IP68 connector

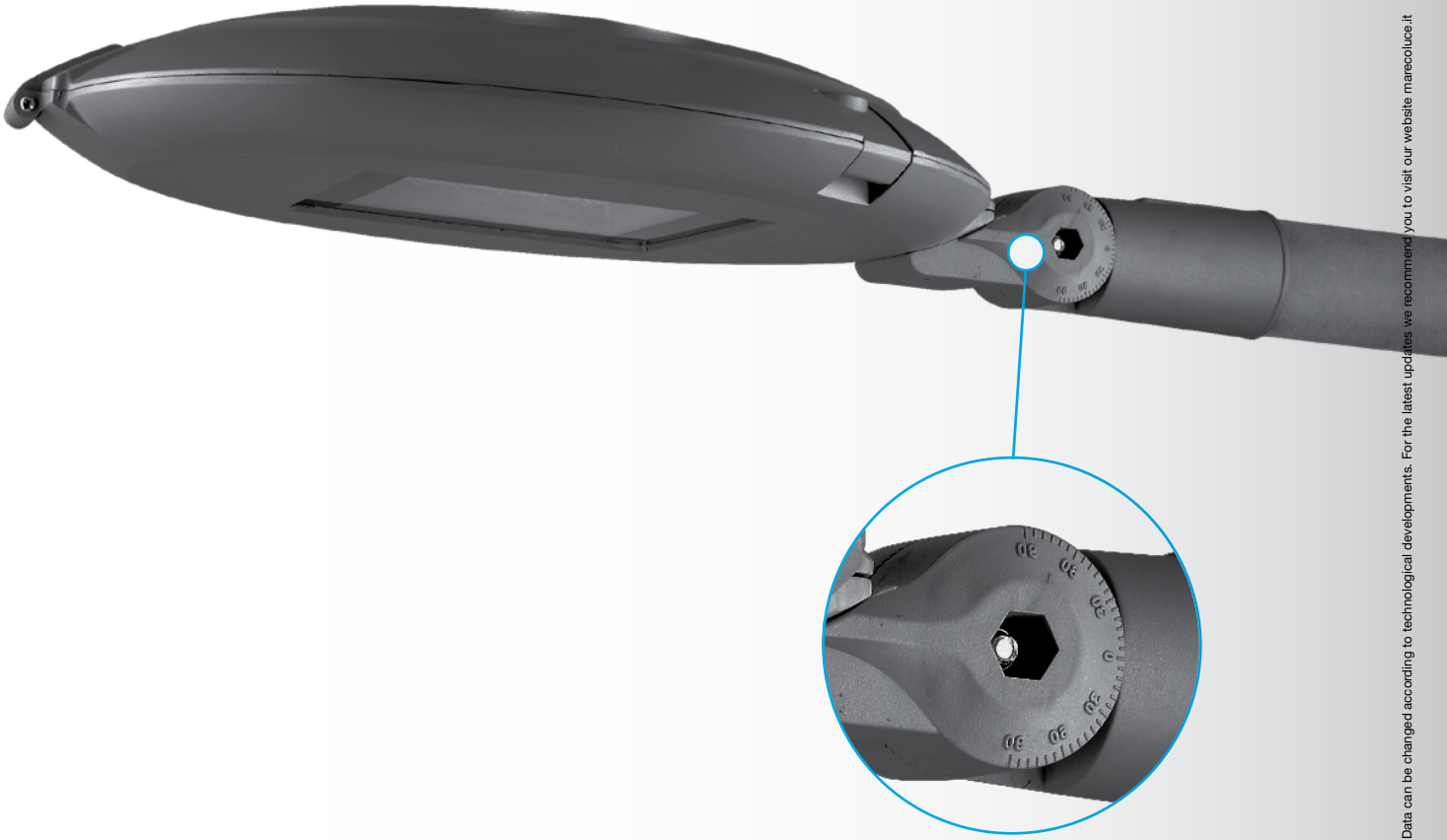


CE Compliance with EU regulatory requirements

Color:

● Anthracite RAL 7016

Warm	Cold	H2O Stop	IK	Insulation class	Cut off	Guarantee
3000K/4000K		IP66	IK08		Yes	5 years







Data can be changed according to technological developments. For the latest updates we recommend you to visit our website marecoluce.it

MADE IN ITALY







URBAN ARCHITECTURAL
LUMINAIRE

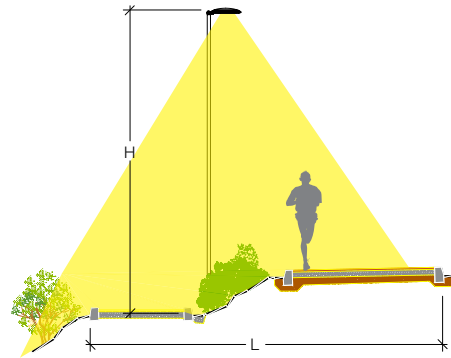
Pedestrian optics

K/Power			
● 4000K - 35W	2126.082S	2122.082S	1
● 3000K - 35W	2126.084S	2122.084S	1
● 4000K - 55,4W	2126.482S	2122.482S	1
● 3000K - 55,4W	2126.484S	2122.484S	1
Optional accessory	Code		
IP68 connector	CS093000	1	







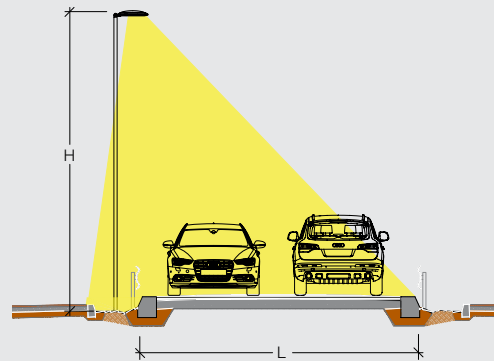
Round symmetrical optics

K/Power			
● 4000K - 35W	2126.182S	2122.182S	1
● 3000K - 35W	2126.184S	2122.184S	1
● 4000K - 55,4W	2126.582S	2122.582S	1
● 3000K - 55,4W	2126.584S	2122.584S	1
Optional accessory	Code		
IP68 connector	CS093000	1	







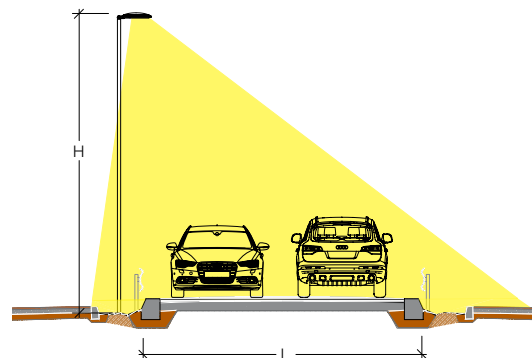
Street optics short

K/Power			
● 4000K - 35W	2126.282S	2122.282S	1
● 3000K - 35W	2126.284S	2122.284S	1
● 4000K - 55,4W	2126.682S	2122.682S	1
● 3000K - 55,4W	2126.684S	2122.684S	1
Optional accessory	Code		
IP68 connector	CS093000	1	



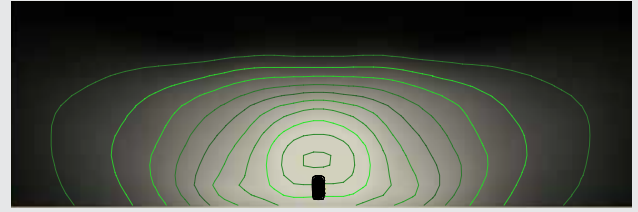
Street optics medium

K/Power			
● 4000K - 35W	2126.382S	2122.382S	1
● 3000K - 35W	2126.384S	2122.384S	1
● 4000K - 55,4W	2126.782S	2122.782S	1
● 3000K - 55,4W	2126.784S	2122.784S	1
Optional accessory	Code		
IP68 connector	CS093000	1	



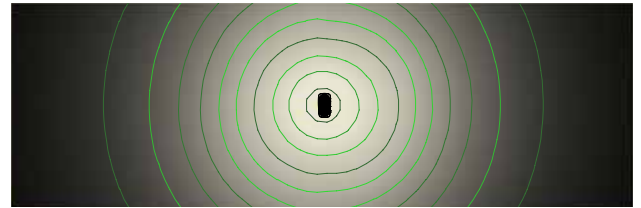
I= Pole spacing (m)
H= Height (m)
L= Road width (m)
Emed= Average illuminance (Lux)
Emin= Minimum illuminance (Lux)

	I m	H m	L m	Emed Lux	Emin Lux
35W	20	3,5	3	27	13



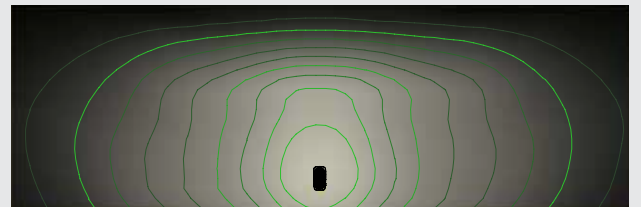
I= Pole spacing (m)
H= Height (m)
L= Road width (m)
Emed= Average illuminance (Lux)
Emin= Minimum illuminance (Lux)

	I m	H m	L m	Emed Lux	Emin Lux
35W	20	3,5	10	15	5



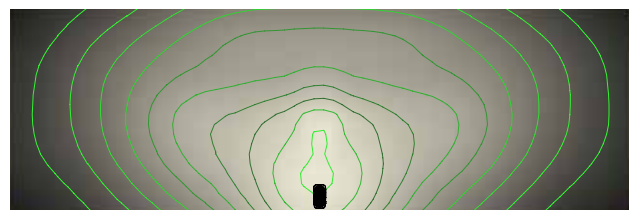
I= Pole spacing (m)
H= Height (m)
L= Road width (m)
Emed= Average illuminance (Lux)
Emin= Minimum illuminance (Lux)

	I m	H m	L m	Emed Lux	Emin Lux
55,4W	23	5	5	24	12



I= Pole spacing (m)
H= Height (m)
L= Road width (m)
Emed= Average illuminance (Lux)
Emin= Minimum illuminance (Lux)

	I m	H m	L m	Emed Lux	Emin Lux
35W	20	5	5	15	9
55,4W	20	5	5	19	7





Discovery Pastoral Bracket

Technical details

- Cut-off led's luminaire suitable for street lighting and for urban areas
- Silicone gaskets
- Polyester powder coating after a treatment specific for weathering resistance
- Cut out system when opening the luminaire through disconnecting switch
- A2 stainless steel screws
- Suitable for installation up to 8m height max
- Equipped with osmotic valve for leakage of air and humidity

Diffuser

- Flat, transparent, tempered glass diffuser, 4mm thick

Housing

- Anodised and painted die-cast aluminium housing
- Metric M16x1,5mm cable gland suitable for Ø6,5-Ø10mm² cables

Wiring

- Anodised and painted die-cast aluminium wiring compartment
- Wiring plate in black reinforced thermoplastic
- The wiring compartment is completely removable without using any tool for an easier ordinary and supplementary maintenance
- Built-in dimmable driver 1-10V (standard configuration), PWM or virtual midnight (DALI dimmable version available on request)
- Over voltage protection; Common Mode 10kV, Differential Mode 6kV

Optics

- Pedestrian optics
- Round symmetrical optics
- Street optics short
- Street optics medium

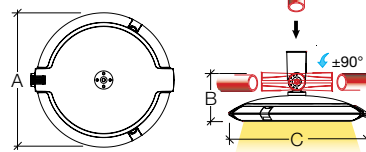
Pole-top

- Anodised and painted die-cast aluminium pole-top, suitable for poles Ø60mm and adjustable in vertical/horizontal position with tilt regulation ±90° and steps of 5°

Optional accessory (to be ordered separately)

- IP68 connector

A - Ø516
B - 200
C - 550
For Ø60/76 pole tops



CE Compliance with EU regulatory requirements





Color:

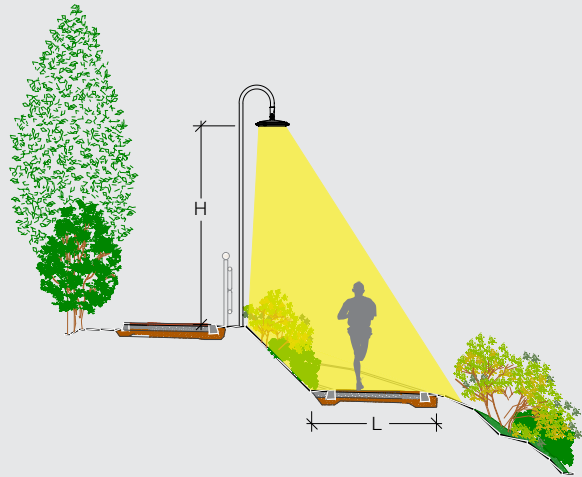
● Anthracite RAL 7016

Warm	Cold	H2O Stop	IK	Insulation class	Cut off	Guarantee
3000K/4000K		IP66	IK08		Yes	5 years







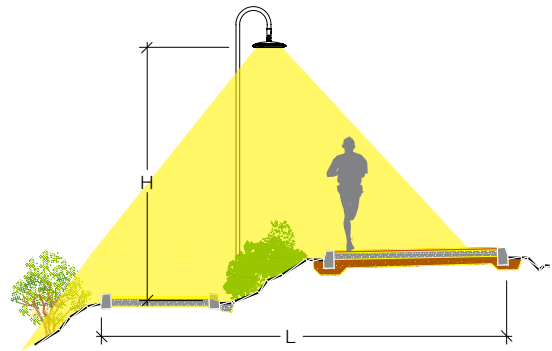
Pedestrian optics

K/Power			
● 4000K - 35W	2127.082S	2123.082S	1
● 3000K - 35W	2127.084S	2123.084S	1
● 4000K - 55,4W	2127.482S	2123.482S	1
● 3000K - 55,4W	2127.484S	2123.484S	1
Optional accessory	Code		
IP68 connector	CS093000	1	







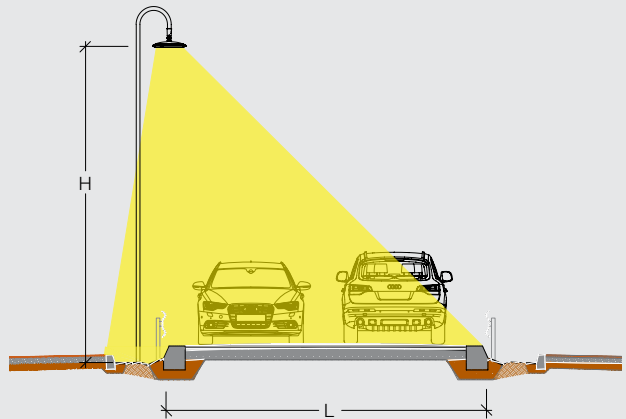
Round symmetrical optics

K/Power			
● 4000K - 35W	2127.182S	2123.182S	1
● 3000K - 35W	2127.184S	2123.184S	1
● 4000K - 55,4W	2127.582S	2123.582S	1
● 3000K - 55,4W	2127.584S	2123.584S	1
Optional accessory	Code		
IP68 connector	CS093000	1	







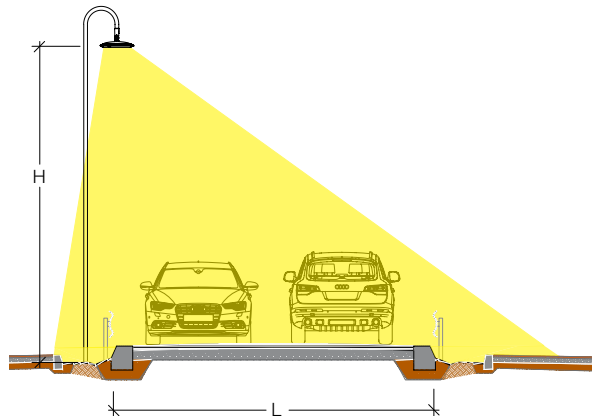
Street optics short

K/Power			
● 4000K - 35W	2127.282S	2123.282S	1
● 3000K - 35W	2127.284S	2123.284S	1
● 4000K - 55,4W	2127.682S	2123.682S	1
● 3000K - 55,4W	2127.684S	2123.684S	1
Optional accessory	Code		
IP68 connector	CS093000	1	



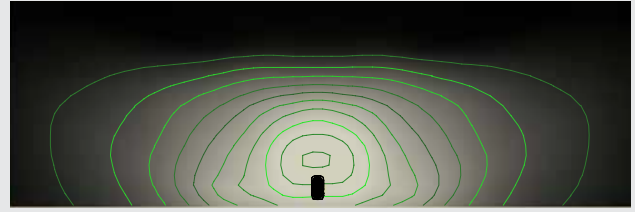
Street optics medium

K/Power			
● 4000K - 35W	2127.382S	2123.382S	1
● 3000K - 35W	2127.384S	2123.384S	1
● 4000K - 55,4W	2127.782S	2123.782S	1
● 3000K - 55,4W	2127.784S	2123.784S	1
Optional accessory	Code		
IP68 connector	CS093000	1	



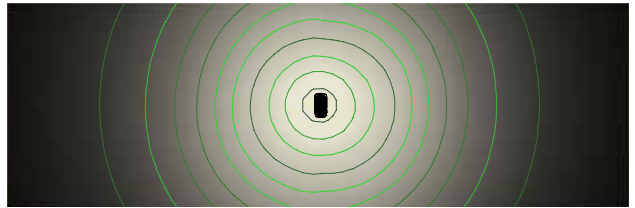
I= Pole spacing (m)
H= Height (m)
L= Road width (m)
Emed= Average illuminance (Lux)
Emin= Minimum illuminance (Lux)

	I m	H m	L m	Emed Lux	Emin Lux
35W	20	3,5	3	27	13



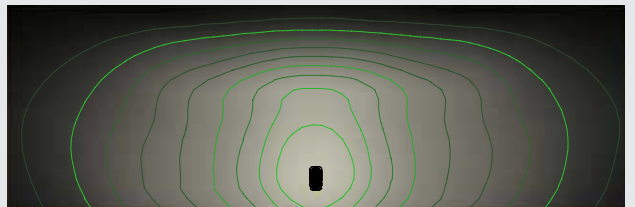
I= Pole spacing (m)
H= Height (m)
L= Road width (m)
Emed= Average illuminance (Lux)
Emin= Minimum illuminance (Lux)

	I m	H m	L m	Emed Lux	Emin Lux
35W	20	3,5	10	15	5



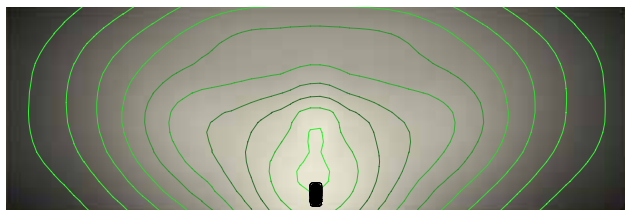
I= Pole spacing (m)
H= Height (m)
L= Road width (m)
Emed= Average illuminance (Lux)
Emin= Minimum illuminance (Lux)

	I m	H m	L m	Emed Lux	Emin Lux
55,4W	23	5	5	24	12



I= Pole spacing (m)
H= Height (m)
L= Road width (m)
Emed= Average illuminance (Lux)
Emin= Minimum illuminance (Lux)

	I m	H m	L m	Emed Lux	Emin Lux
35W	20	5	5	15	9
55,4W	20	5	5	19	7





Discovery Span Wire

Technical details

- Cut-off led's luminaire suitable for street lighting and for urban areas
- Silicone gaskets
- Polyester powder coating after a treatment specific for weathering resistance
- Cut out system when opening the luminaire through disconnecting switch
- A2 stainless steel screws
- Suitable for installation 8mt height max
- Equipped with osmotic valve for leakage of air and humidity

Diffuser

- Flat, transparent, tempered glass diffuser, 4mm thick

Housing

- Anodised and painted die-cast aluminium housing
- Metric M16x1,5mm cable gland suitable for Ø6,5 - Ø10mm² cables

Wiring

- Anodised and painted die-cast aluminium wiring compartment
- Wiring plate in black reinforced thermoplastic
- The wiring compartment is completely removable without using any tool for an easier ordinary and supplementary maintenance
- Built-in dimmable driver 1-10V (standard configuration), PWM or virtual midnight (DALI dimmable version available on request)
- Over voltage protection; Common Mode 10kV, Differential Mode 6kV

Optics

- Pedestrian optics
- Round symmetrical optics
- Street optics short
- Street optics medium

Span wire system

- Anodised and painted die-cast aluminium span wire system
- Allowed diameters of the suspension cable: Ø6 ÷ Ø12mm

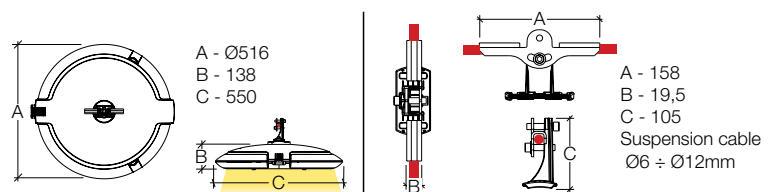
Optional accessory (to be ordered separately)

- IP68 connector

CE Compliance with EU regulatory requirements

Color:

● Anthracite RAL 7016

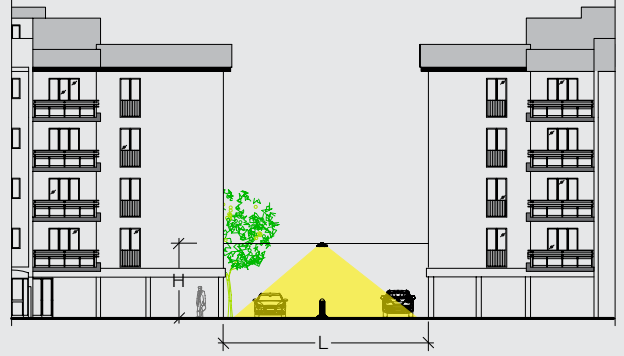


Warm	Cold	H2O Stop	IK	Insulation class	Cut off	Guarantee
3000K/4000K		IP66	IK08		Yes	5 years



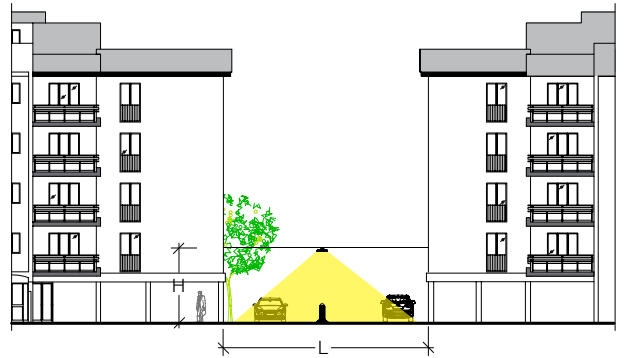
Pedestrian optics

K/Power			
● 4000K - 35W	2125.082S	2121.082S	1
● 3000K - 35W	2125.084S	2121.084S	1
● 4000K - 55,4W	2125.482S	2121.482S	1
● 3000K - 55,4W	2125.484S	2121.484S	1
Optional accessory	Code		
IP68 connector	CS093000	1	



Round symmetrical optics

K/Power			
● 4000K - 35W	2125.182S	2121.182S	1
● 3000K - 35W	2125.184S	2121.184S	1
● 4000K - 55,4W	2125.582S	2121.582S	1
● 3000K - 55,4W	2125.584S	2121.584S	1
Optional accessory	Code		
IP68 connector	CS093000	1	



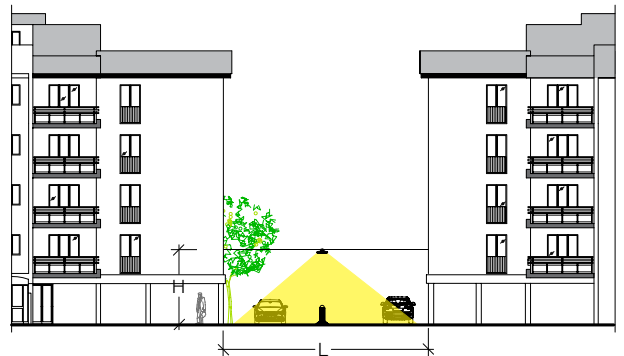
Street optics short

K/Power			
● 4000K - 35W	2125.282S	2121.282S	1
● 3000K - 35W	2125.284S	2121.284S	1
● 4000K - 55,4W	2125.682S	2121.682S	1
● 3000K - 55,4W	2125.684S	2121.684S	1
Optional accessory	Code		
IP68 connector	CS093000	1	



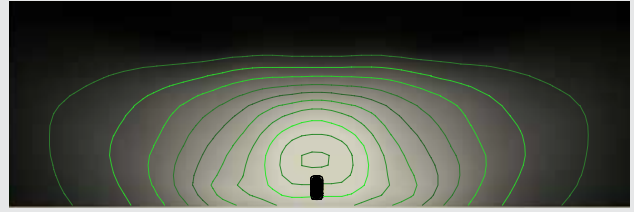
Street optics medium

K/Power			
● 4000K - 35W	2125.382S	2121.382S	1
● 3000K - 35W	2125.384S	2121.384S	1
● 4000K - 55,4W	2125.782S	2121.782S	1
● 3000K - 55,4W	2125.784S	2121.784S	1
Optional accessory	Code		
IP68 connector	CS093000	1	



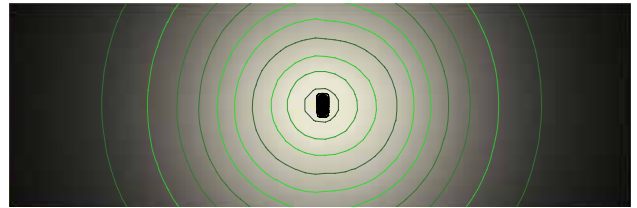
I= Pole spacing (m)
H= Height (m)
L= Road width (m)
Emed= Average illuminance (Lux)
Emin= Minimum illuminance (Lux)

	I m	H m	L m	Emed Lux	Emin Lux
35W	20	3,5	3	27	13



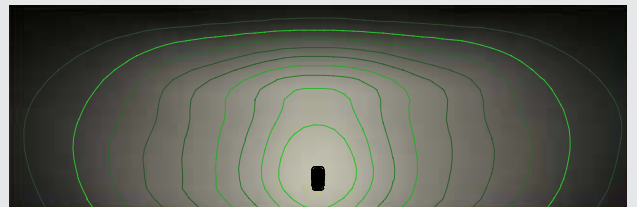
I= Pole spacing (m)
H= Height (m)
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Emed= Average illuminance (Lux)
Emin= Minimum illuminance (Lux)

	I m	H m	L m	Emed Lux	Emin Lux
35W	20	3,5	10	15	5



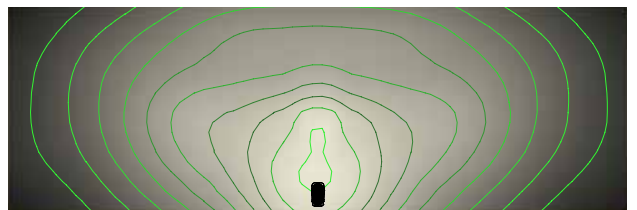
I= Pole spacing (m)
H= Height (m)
L= Road width (m)
Emed= Average illuminance (Lux)
Emin= Minimum illuminance (Lux)

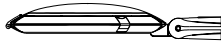
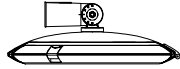
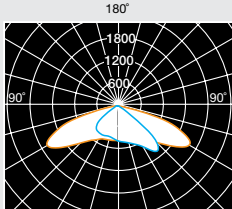














	I m	H m	L m	Emed Lux	Emin Lux
55,4W	23	5	5	24	12



I= Pole spacing (m)
H= Height (m)
L= Road width (m)
Emed= Average illuminance (Lux)
Emin= Minimum illuminance (Lux)

	I m	H m	L m	Emed Lux	Emin Lux
35W	20	5	5	15	9
55,4W	20	5	5	19	7



																	
		Discovery Head-pole		Discovery Side-entry		Discovery Pastoral Bracket		Discovery Span wire									
																	
		Pedestrian optics		Round symmetrical optics		Street optics short		Street optics medium									
In conformity with EU Directives																	
Insulation class																	
Voltage		220-240V 50/60Hz		220-240V 50/60Hz		220-240V 50/60Hz		220-240V 50/60Hz									
Step MacAdam		3		3		3		3									
CUT-OFF																	
Life time		L70>60Kh - Tc 115°C		L70>60Kh - Tc 115°C		L70>60Kh - Tc 115°C		L70>60Kh - Tc 115°C									
Colour temperature		 3000K 4000K		 3000K 4000K		 3000K 4000K		 3000K 4000K									
Luminaire output		Pedestrian optics				Round symmetrical optics				Street optics short				Street optics medium			
		35W 4493 lm	55,4W 6550 lm	35W 4849 lm	55,4W 7042 lm	35W 4127 lm	55,4W 6016 lm	35W 4453 lm	55,4W 6468 lm	35W 4479 lm	55,4W 6530 lm	35W 4834 lm	55,4W 7021 lm	35W 4447 lm	55,4W 6483 lm	35W 4799 lm	55,4W 6971 lm
Beams/Optics		Pedestrian optics				Pedestrian optics				Pedestrian optics				Pedestrian optics			
		Round symmetrical optics				Round symmetrical optics				Round symmetrical optics				Round symmetrical optics			
		Street optics short				Street optics short				Street optics short				Street optics short			
		Street optics short				Street optics medium				Street optics medium				Street optics medium			
IP (Protection degree)		IP66		IP66		IP66		IP66									
IK (Impact resistance)		IK08		IK08		IK08		IK08									
Year warranty																	
Photobiological risk																	
Dimmable 1-10V																	
Virtual midnight																	
Pre-wired with:		80cm cable H05RN-F 3x1mm ²	80cm cable H05RN-F 2x1mm ²	80cm cable H05RN-F 3x1mm ²	80cm cable H05RN-F 2x1mm ²	80cm cable H05RN-F 3x1mm ²	80cm cable H05RN-F 2x1mm ²	80cm cable H05RN-F 3x1mm ²	80cm cable H05RN-F 2x1mm ²								
CRI		>70		>70		>70		>70									
IP68 connector CS093000 not included																	

Technical details

Data can be changed according to technological developments. For the latest updates we recommend you to visit our website marecoluce.it

MADE IN ITALY



ORACOLO 52

P. Torcolacci

CD LED 56

M. Dipalo

STUD LED 58

P. Montalti

head-poles

madreco



COO

urban architectural luminaires



Oracolo

Technical details

- Cut-off led's luminaire for urban lighting, for use on Ø60mm pole tops
- Silicone gaskets
- Polyester powder coating after specific weathering resistance treatment
- A2 stainless steel screws
- Conforms to regional laws against light pollution
- Anodized aluminium heat sink
- Cord-block cable equipped with osmotic valve for leakage air and humidity
- N°12 LED's powered at 700mA and PCB in IMS
- LED circuit board adjustable 0°-15° to optimize the direction of the luminous flux

Housing

- Anodised and painted die-cast aluminium housing

Wiring compartment

- Anodised and painted die-cast aluminium wiring compartment equipped with IP68 male/female connector, for an easy maintenance
- Wiring plate in black reinforced thermoplastic
- Built-in dimmable driver 0-10V (standard configuration), PWM or virtual midnight (DALI dimmable version available on request)
- Over voltage protection; Common Mode 10kV, Differential Mode 6kV

Optics and lens

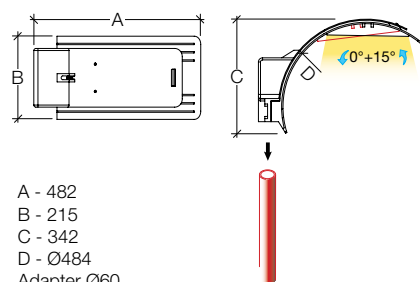
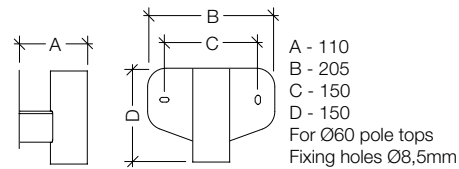
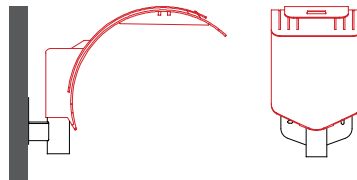
- Street optics short
- Street optics medium
- Pedestrian optics
- Round symmetrical optics
- Non yellowing, transparent PMMA (acrylic) lens

Pole-top

- Anodised and painted die-cast aluminium pole-top, suitable for poles Ø60mm

Optional accessories (to be ordered separately)

- Accessory for wall mounting:
 - Hot dipped galvanised steel bracket 75µm UNI EN 1461
- IP68 connector



CE Compliance with EU regulatory requirements






Color:

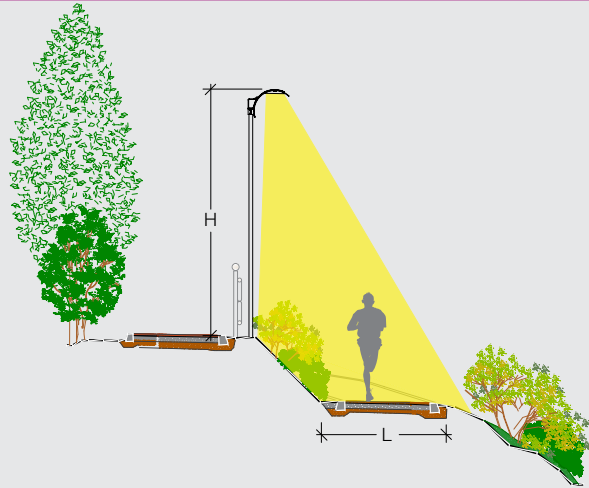
● Anthracite RAL 7016

Warm	Cold	H2O Stop	IK	Insulation class	Cut off	Guarantee
3000K/4000K		IP65	IK06		Yes	5 years








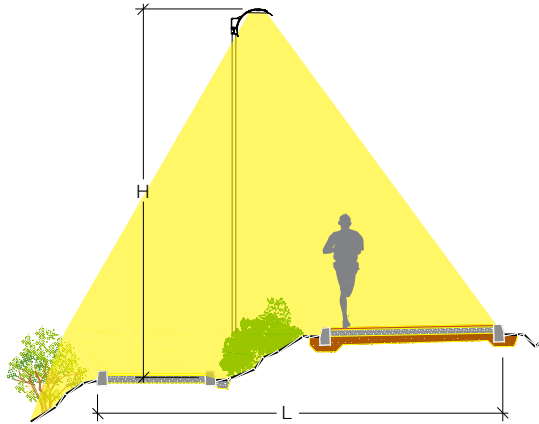
Pedestrian optics

K/Power			
4000K - 56,5W	1060.682S	1	
3000K - 56,5W	1060.684S	1	
K/Power			
4000K - 58,8W	1060.182S	1	
3000K - 58,8W	1060.184S	1	
Optional accessory		Code	
IP68 connector	CS093000	1	








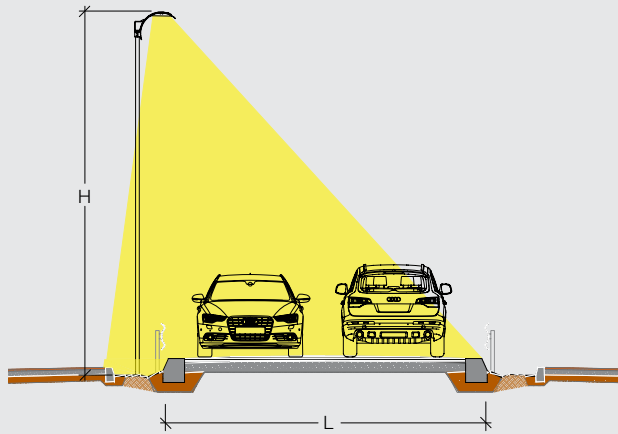
Round symmetrical optics

K/Power			
4000K - 56,5W	1060.782S	1	
3000K - 56,5W	1060.784S	1	
K/Power			
4000K - 58,8W	1060.282S	1	
3000K - 58,8W	1060.284S	1	
Optional accessory		Code	
IP68 connector	CS093000	1	








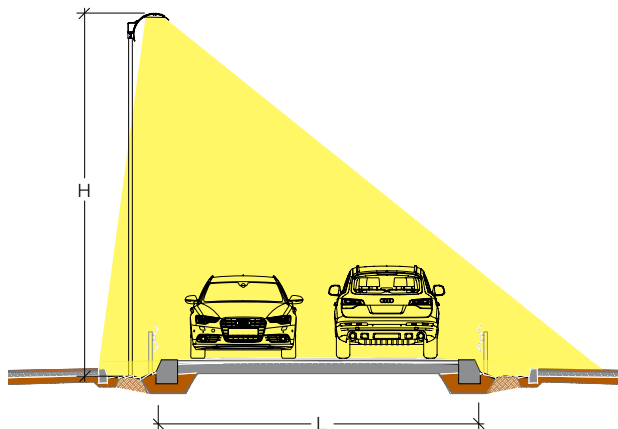
Street optics short

K/Power			
4000K - 56,5W	1060.882S	1	
3000K - 56,5W	1060.884S	1	
K/Power			
4000K - 58,8W	1060.382S	1	
3000K - 58,8W	1060.384S	1	
Optional accessory		Code	
IP68 connector	CS093000	1	



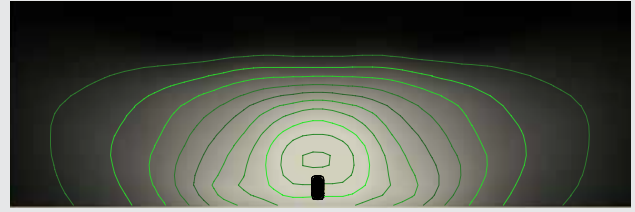
Street optics medium

K/Power			
4000K - 56,5W	1060.982S	1	
3000K - 56,5W	1060.984S	1	
K/Power			
4000K - 58,8W	1060.482S	1	
3000K - 58,8W	1060.484S	1	
Optional accessory		Code	
IP68 connector	CS093000	1	



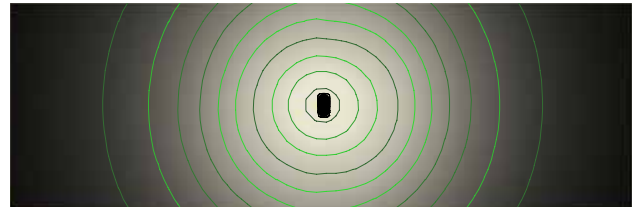
I= Pole spacing (m)
H= Height (m)
L= Road width (m)
Emed= Average illuminance (Lux)
Emin= Minimum illuminance (Lux)

	I m	H m	L m	Emed Lux	Emin Lux
58,8W	23	5	4	30	13



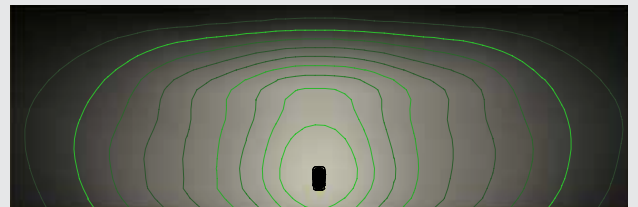
I= Pole spacing (m)
H= Height (m)
L= Road width (m)
Emed= Average illuminance (Lux)
Emin= Minimum illuminance (Lux)

	I m	H m	L m	Emed Lux	Emin Lux
58,8W	20	5	10	15	5



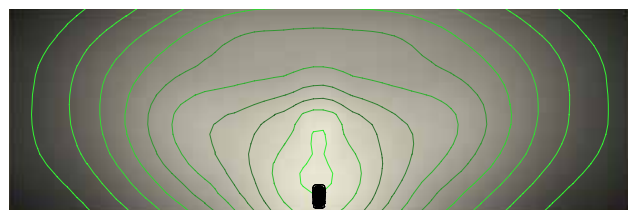
I= Pole spacing (m)
H= Height (m)
L= Road width (m)
Emed= Average illuminance (Lux)
Emin= Minimum illuminance (Lux)

	I m	H m	L m	Emed Lux	Emin Lux
58,8W	23	5	5	24	7



I= Pole spacing (m)
H= Height (m)
L= Road width (m)
Emed= Average illuminance (Lux)
Emin= Minimum illuminance (Lux)

	I m	H m	L m	Emed Lux	Emin Lux
58,8W	30	8	8	15	8





Cd Led

Technical details

- Led's luminaire suitable for urban areas, for use on Ø60mm pole tops
- Silicone gaskets
- Polyester powder coating after a treatment specific for weathering resistance
- A2 stainless steel screws
- Conforms to regional laws against light pollution
- Cord-block cable equipped with osmotic valve for leakage air and humidity
- PCB in IMS

Cover

- Anodised and painted die-cast aluminium cover

Diffuser

- Flat, transparent, tempered glass diffuser 5mm thickness

Wiring

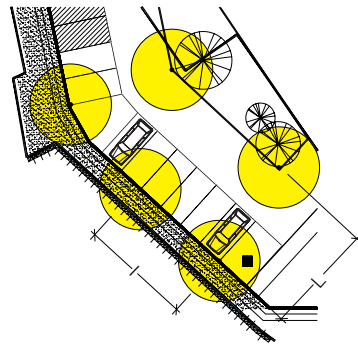
- N° 120 LED's powered at 440mA (33,6W) or 690mA (57,2W)
- Built-in dimmable driver 1-10V (standard configuration), PWM or virtual midnight (DALI dimmable version available on request)
- Over voltage protection; Common Mode 10kV, Differential Mode 6kV

Base

- Painted reinforced thermoplastic base

Optional accessories (to be ordered separately)

- Surge protection kit:
 - Max impulse voltage UOC 10KV, Voltage protection level L-N <1500V
 - When purchased the protection kit will be installed inside the luminaire
- IP68 connector



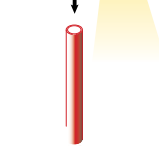
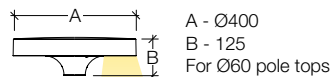
I= Pole spacing (m)
 H= Height (m)
 L= Road width (m)
Emed= Average illuminance (Lux)
Emin= Minimum illuminance (Lux)

	I m	H m	L m	Emed Lux	Emin Lux
33,6W	10	3,6	5	23	8
57,2W	15	4,5	5	18	5

CE Compliance with EU regulatory requirements

Color:

- Anthracite RAL 7016



K/Power	Code	
● 4000K - 33,6W	1068.182S	1
● 3000K - 33,6W	1068.184S	1
● 4000K - 57,2W	1068.282S	1
● 3000K - 57,2W	1068.284S	1
Optional accessories	Code	

Surge protection kit SPD protection 33,6W	CS160038	1
Surge protection kit SPD protection 57,2W	CS160040	1
IP68 connector	CS093000	1

Warm	Cold	H2O Stop	IK	Insulation class	Guarantee
3000K/4000K		IP65	IK08		5 years





Stud Led

Technical details

- Led's luminaire suitable for urban areas, for use on Ø60mm pole tops
- Silicone gaskets
- Polyester powder coating after a treatment specific for weathering resistance
- Cut out system when opening the luminaire through disconnecting switch
- Pull-out wiring compartment and closing door for an easy maintenance
- A2 stainless steel screws
- Conforms to regional laws against light pollution
- Built-in driver

Cover

- Painted reinforced thermoplastic cover

Diffuser

- Non yellowing transparent PMMA (acrylic) diffuser

Louver

- Black coated plastic cylinder dampening light refraction

Housing

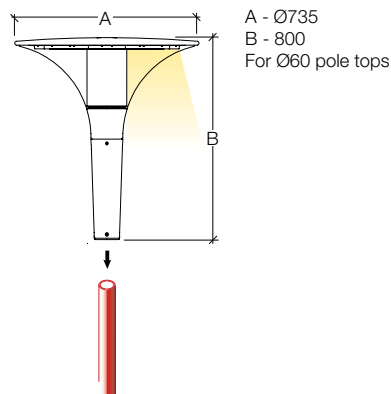
- Anodised and painted die-cast aluminium housing

Wiring

- Reinforced thermoplastic wiring compartment and cover, black coated

Optional accessory - SPD protection (to be ordered separately)

- Surge protection kit:
- Max impulse voltage UOC 10KV, Voltage protection level L-N <1500V, Voltage protection level L-PE <1500V
- When purchased the protection kit will be installed inside the luminaire



CE Compliance with EU regulatory requirements

Color:

● Anthracite RAL 7016

K/Power	Code	
● 4000K - 59,2W	1876.282N	1
● 3000K - 59,2W	1876.284N	1
Optional accessory	Code	
Surge protection kit SPD protection	CS160036	1



Warm
3000K/4000K



Cold



H2O Stop
IP65



IK
IK08

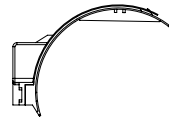


Insulation class

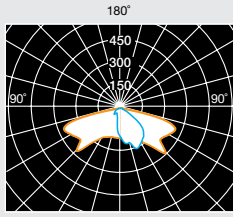


Guarantee
3 years

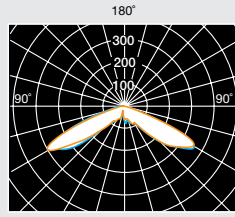




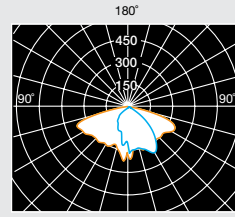
Oracolo



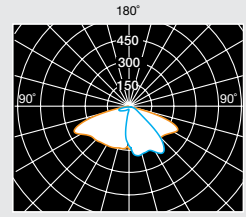
Pedestrian optics



Round symmetrical optics



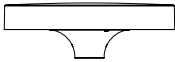
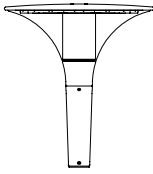
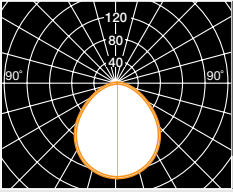
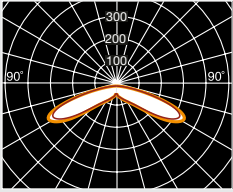

Street optics short



Street optics medium

In conformity with EU Directives	CE	✓							
Insulation class	Class	⊕				⊞			
Voltage	V	202-254V 50/60Hz				200-240V 50/60Hz 190-250Vdc			
Step MacAdam	MacAdam	3							
CUT-OFF	☀️	✓							
Life time	Life time	L85>60Kh-Tc 70°C-105°C L90>50Kh-Tc 70°C							
Colour temperature	K	3000K	4000K	3000K	4000K	3000K	4000K	3000K	4000K
Luminaire output	Ta 25°C	Pedestrian optics		Round symmetrical optics		Street optics short		Street optics medium	
		56,5W 6411 lm	56,5W 6684 lm	56,5W 5708 lm	56,5W 5952 lm	58,8W 6216 lm	58,8W 6482 lm	58,8W 6343 lm	58,8W 6614 lm
Beams/Optics	V	Pedestrian optics		Round symmetrical optics		Street optics short		Street optics medium	
IP (Protection degree)	IP	IP65							
IK (Impact resistance)	IK	IK06							
Year warranty	3	--							
Year warranty	5	✓							
Photobiological risk	Rg1	✓							
Photobiological risk	Rg2	--							
Dimmable 1-10V	🔵	✓							
Dimmable DALI	🔵	available on request							
Virtual midnight	🕒	✓							
Pre-wired with:	⊞	80cm cable H05RN-F 3x1mm² ⊕				80cm cable H07RN-F 2x1mm² ⊞			
CRI	CRI	>80							
IP68 connector CS093000 not included									

Technical details

Cd Led				Stud Led			
							
							
✓				✓			
□				⊕			
220-240V 50/60Hz				220-240V 50/60Hz			
3				3			
--				--			
L70=56Kh-Tc 85°C				L80>100Kh-Tc 85°C			
● 3000K		● 4000K		● 3000K		● 4000K	
33,6W 2007 lm	57,2W 2960 lm	33,6W 2064 lm	57,2W 3045 lm	59,2W 5239 lm	59,2W 5549 lm		
--				--			
IP65				IP65			
IK08				IK08			
--				✓			
✓				--			
✓				--			
--				✓ <45cm - 3000K <60cm - 4000K			
✓				--			
available on request				--			
✓				--			
20cm cable H07RN-F 2x1mm ²				--			
>80				>80			
				--			

BARCELLONA + BARRIO + MIRO'

M. Dipalo

Barcellona **64**

Barcellona Opal **64**

Barcellona Led **66**

Barcellona Led Basic **68**

Barcellona Led Basic Opal **68**

Barrio **64**

Barrio Opal **64**

Barrio Led **66**

Barrio Led Basic **68**

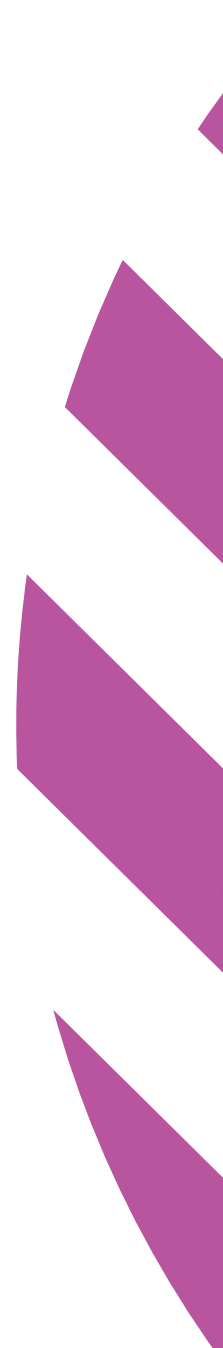
Barrio Led Basic Opal **68**

Mirò **70**

Mirò Led **70**

head-poles

maareo



COO

urban architectures urbanaires





Barcelona + Barrio

Barcelona Opal + Barrio Opal

Technical details

- Luminaire suitable for urban areas, for use on Ø60mm pole tops
- Silicone gaskets
- Polyester powder coating after a treatment specific for weathering resistance
- A2 stainless steel screws

Cover

- Reinforced thermoplastic cover

Reflector

- Aluminium reflector

Antiglare louver

- Black coated outside aluminium antiglare louver (Barcelona/Barrio)

Diffuser

- Non yellowing hexagonal transparent PMMA (acrylic) diffuser (Barcelona/Barrio)
- Non yellowing hexagonal opal PMMA (acrylic) diffuser (Barcelona opal/Barrio opal)

Wiring

- Simplified extraordinary maintenance by an easy-to-remove gear tray
- Reinforced thermoplastic covering cone for the control gear

Base

- Anodised and painted die-cast aluminium base



Max lamp dimension allowed (Ø90 L245mm)
Opal diffuser
Lamp not included

Max lamp dimension allowed (Ø80 L210mm)
Transparent diffuser
Lamp not included

Barcelona + Barcelona opal

Power	Opal diffuser	Transparent diffuser	
max 30W - E27	1600.101N	1605.101N	1

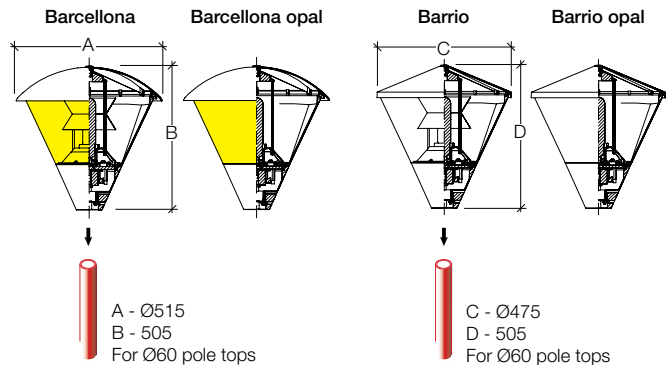
CE Compliance with EU regulatory requirements

Barrio + Barrio opal

Power	Opal diffuser	Transparent diffuser	
max 30W - E27	1610.101N	1615.101N	1

Color:

- Black



H2O Stop

IP65



IK

IK08



Insulation class

□



Guarantee

5 years



			
Barcellona opal	Barcellona	Barrio opal	Barrio
Diffusers types			



Barcellona Led + Barrio Led

Technical details

- Led's luminaire suitable for urban areas, for use on Ø60mm pole tops
- Silicone gaskets
- Polyester powder coating after a treatment specific for weathering resistance
- A2 stainless steel screws
- Only upon request version with power reduction with switching time selectable
- Surge protection kit for Barcellona/Barrio 41,4W and 59,2W - SPD protection: Max impulse voltage UOC 10KV, Voltage protection level L-N <1500V, Voltage protection level L-PE <1500V
- Surge protection kit for Barcellona/Barrio 29,6W - SPD protection: Max impulse voltage UOC 10KV, Voltage protection level L-N <1500V
- Built-in driver

Cover

- Reinforced thermoplastic cover

Diffuser

- Non yellowing hexagonal transparent PMMA (acrylic) diffuser

Optic

- Non yellowing PMMA (acrylic) transparent round symmetrical optics by LEDIL®

Wiring

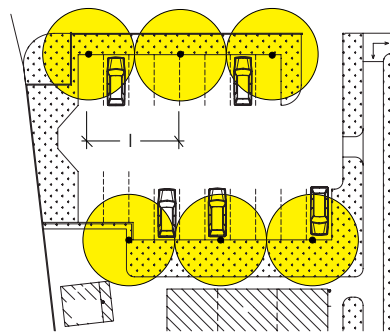
- N° 12 LED's with lenses (29,6W) powered at 700mA
- N° 24 LED's with lenses (41,4W) powered at 500mA
- N° 24 LED's with lenses (59,2W) powered at 700mA
- Anodised aluminium heatsink
- Reinforced thermoplastic covering cone for the control gear

Base

- Anodised and painted die-cast aluminium base

Optional accessory (to be ordered separately)

- IP68 connector



I= Pole spacing (m)

H= Height (m)

Emed= Average illuminance (Lux)

Emin= Minimum illuminance (Lux)

	I m	H m	Emed Lux	Emin Lux
70W SAP	10	3,5	10	5
	10	4	9	4
59,2W	20	4	15	5
	16	4	18	6

Improved illuminance and 23% energy saving

Barcellona Led

K/Power	Code	Class
4000K - 29,6W	1604.282N	1
3000K - 29,6W	1604.284N	1
4000K - 41,4W	1604.382N	1
3000K - 41,4W	1604.384N	1
4000K - 59,2W	1604.482N	1
3000K - 59,2W	1604.484N	1

Barrio Led

K/Power	Code	Class
4000K - 29,6W	1614.282N	1
3000K - 29,6W	1614.284N	1
4000K - 41,4W	1614.382N	1
3000K - 41,4W	1614.384N	1
4000K - 59,2W	1614.482N	1
3000K - 59,2W	1614.484N	1

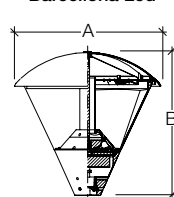
Optional accessory

IP68 connector **CS093000** 1

Optional accessory

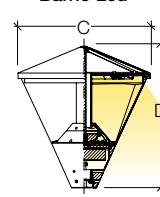
IP68 connector **CS093000** 1

Barcellona Led



A - Ø515
B - 505
For Ø60 pole tops

Barrio Led



C - Ø475
D - 505
For Ø60 pole tops



CE Compliance with EU regulatory requirements

Color:

● Black

Warm	Cold	H2O Stop	IK	Insulation class	Guarantee
3000K/4000K		IP65	IK08		5 years



	
Barcellona led	Barrio led
Diffusers types	

Barcelona + Barrio Led Basic Barcelona + Barrio Led Basic Opal

Technical details

- Led's luminaire suitable for urban areas, for use on Ø60mm pole tops
- Silicone gaskets
- Polyester powder coating after a treatment specific for weathering resistance
- A2 stainless steel screws
- Only upon request version with power reduction with switching time selectable
- Built-in driver

Cover

- Reinforced thermoplastic cover

Diffuser

- Non yellowing hexagonal transparent PMMA (acrylic) diffuser (Barcelona/Barrio led basic)
- Non yellowing hexagonal opal PMMA (acrylic) diffuser (Barcelona/Barrio led basic opal)

Wiring

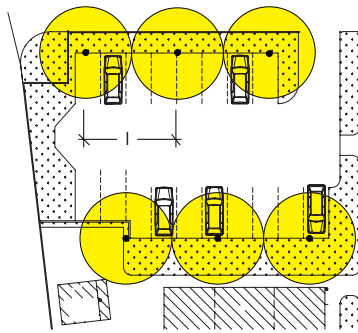
- N° 50 LED's powered at 700mA
- Anodised aluminium heatsink
- Reinforced thermoplastic covering cone for the control gear

Base

- Anodised and painted die-cast aluminium base

Optional accessories (to be ordered separately)

- Surge protection kit:
 - Max impulse voltage UOC 10KV, Voltage protection level L-N <1500V
 - When purchased the protection kit will be installed inside the luminaire
- IP68 connector



I= Pole spacing (m)
H= Height (m)
Emed= Average illuminance (Lux)
Emin= Minimum illuminance (Lux)

	I m	H m	Emed Lux	Emin Lux
70W SAP	10	3,5	10	5
	10	4	9	4
24,3W	10	3,5	13	6
	10	4	12	5

Improved illuminance and 70% energy saving

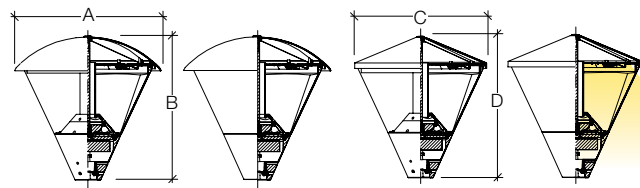
Barcelona Led Basic + Barcelona Led Basic Opal

K/Power	Opal diffuser	Transparent diffuser	Icon
4000K - 22,8W	1600.082N	1604.082N	1
3000K - 22,8W	1600.084N	1604.084N	1
Optional accessories		Code	Icon
Surge protection kit SPD protection		CS160035	1
IP68 connector		CS093000	1

Barrio Led Basic + Barrio Led Basic Opal

K/Power	Opal diffuser	Transparent diffuser	Icon
4000K - 22,8W	1610.082N	1614.082N	1
3000K - 22,8W	1610.084N	1614.084N	1
Optional accessories		Code	Icon
Surge protection kit SPD protection		CS160035	1
IP68 connector		CS093000	1

Barcelona Led Basic Barcelona Led Basic Opal Barrio Led Basic Barrio Led Basic Opal



A - Ø515
B - 505
For Ø60 pole tops

C - Ø475
D - 505
For Ø60 pole tops

CE Compliance with EU regulatory requirements

Color: Black

● Warm	● Cold				
3000K/4000K		IP65	IK08	Insulation class	Guarantee 5 years



Data can be changed according to technological developments. For the latest updates we recommend you to visit our website marecoluce.it



MADE IN ITALY

			
Barcellona led basic	Barcellona led basic opal	Barrio led basic	Barrio led basic opal
Diffusers types			

Mirò + Mirò Led

Technical details

- Luminaire suitable for urban areas down right mounted on pastoral pole tops and brackets Ø60
- Silicone gaskets
- Polyester powder coating after a treatment specific for weathering resistance
- A2 stainless steel screws
- Built-in driver (Led version)

Base

- Anodised and painted die-cast aluminium base
- Fixing to pole at three points, with 2 dowels and a pole dissecting safety bolts

Diffuser

- Non yellowing exagonal transparent PMMA (acrylic) diffuser
- Flat non yellowing transparent PMMA (acrylic) diffuser closure

Closing clips

- Reinforced thermoplastic closing clips for a simplified maintenance

Heatsink (Mirò Led)

- Anodised aluminium heatsink
- Reinforced thermoplastic covering cone for the control gear

Antiglare louver (Mirò E27)

- Black coated outside and white coated inside aluminium antiglare louver

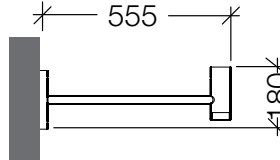
Mirò wall system

- Wall bracket and arm with rectangular profile 50x25 mm made of steel thickness
- Pole top Ø60 in hot-dipped galvanised steel 75µm UNI EN 1461
- Polyester powder coating with pretreatment to ensure high protection against weathering



Mirò wall system

Dimensions	Black textured	
555x180mm	3003.100S	1



Mirò

Power	Code	
max 30W - E27	1624.101N	1

- Max lamp dimension allowed (Ø80 L210mm)
- Lamp not included



Mirò Led

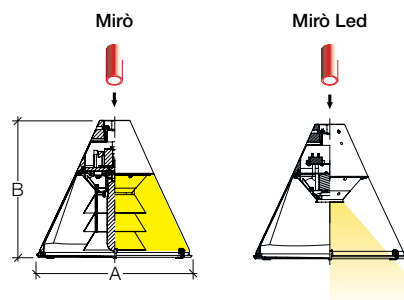
K/Power	Code	
4000K - 31,5W	1624.182N	1
3000K - 31,5W	1624.184N	1

- 4000K - 31,5W 1624.182N 1
- 3000K - 31,5W 1624.184N 1

CE Compliance with EU regulatory requirements

Color:

● Black



A - Ø470
B - 420
For Ø60 pole tops/bracket



Warm Cold
3000K/4000K



H2O Stop
IP65



IK
IK08


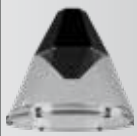


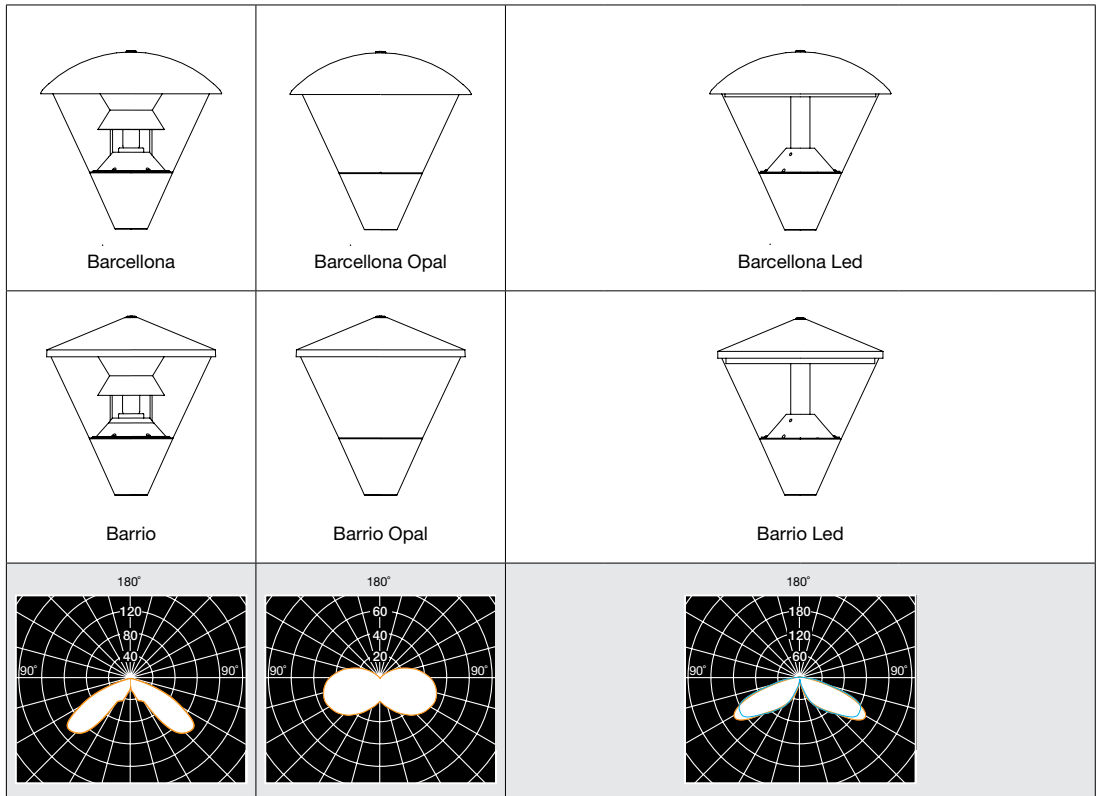
Insulation class



Guarantee
3 years

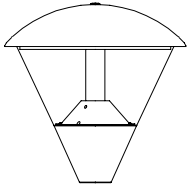
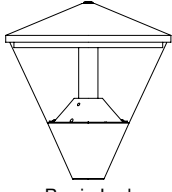
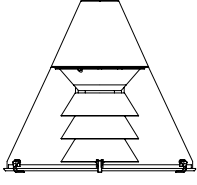
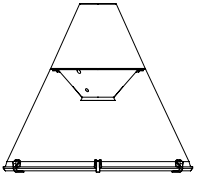
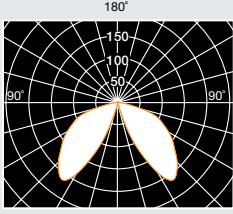
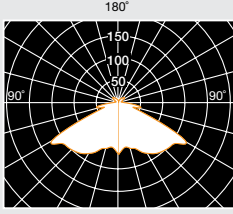
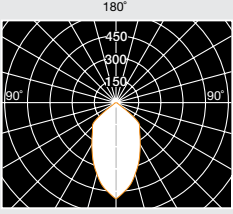







	
Mirò	Mirò led
Diffusers types	



In conformity with EU Directives									
Insulation class				 41,4W-59,2W			 29,6W		
Voltage		250V max	250V max	220-240V 50/60Hz					
Step MacAdam		--	--	3					
Life time		--	--	L80>100Kh-Tc 85°C					
Colour temperature		--	--	 3000K			 4000K		
Luminaire output		--	--	29,6W 2291 lm	41,4W 3124 lm	59,2W 4166 lm	29,6W 2426 lm	41,4W 3309 lm	59,2W 4412 lm
Lamp holder		E27 - max 30W (Lamp not included)	E27 - max 30W (Lamp not included)	--					
IP (Protection degree)		IP65	IP65	IP65					
IK (Impact resistance)		IK08	IK08	IK08					
Year warranty		--	--	--					
Year warranty									
Photobiological risk		--	--	--					
Photobiological risk		--	--	 3000K			 4000K		
				29,6W 2<40	41,4W 2<45	59,2W 2<55	29,6W 2<50	41,4W 2<55	59,2W 2<65
Pre-wired with:		--	--	30cm cable H07RN-F 3x1,5mm ²			30cm cable H07RN-F 2x1,5mm ²		
Virtual midnight		--	--	available on request					
CRI		--	--	>80					
IP68 connector CS093000 not included		--	--						

Technical details

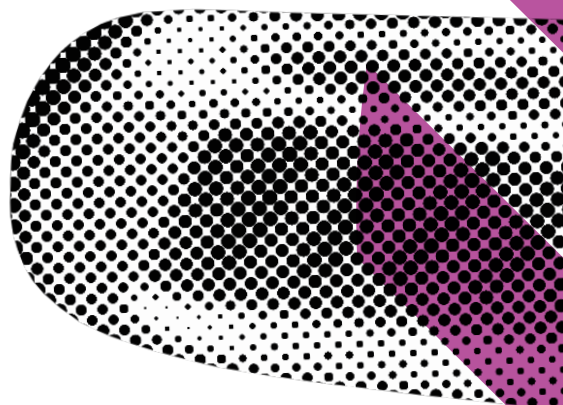
					
Barcellona Led Basic					
					
Barrio Led Basic		Mirò	Mirò Led		
					
✓		✓		✓	
□		□		□	
220-240V 50/60Hz		250V max		220-240V 50/60Hz	
3		--		3	
L80>60Kh-Tc 85°C		--		L80/B10>50Kh-Tc 65°C	
 3000K	 4000K	--		 3000K	 4000K
24,3W 1942 lm	24,3W 2058 lm	--		31,5W 3650 lm	31,5W 3853 lm
--		E27 - max 30W (Lamp not included)		--	
IP65		IP65		IP65	
IK08		IK08		IK08	
✓		✓		✓	
--		--		--	
✓		--		✓	
--		--		--	
30cm cable H07RN-F 2x1,5mm²		--		--	
available on request		--		--	
>80		--		>80	
		--		--	

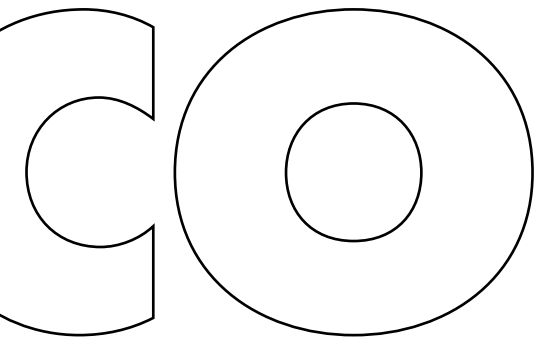
INDUS 76

SKILL 80

head-poles

maarec





urban architectural luminaires

Indus

Technical details

- Cut-off led's luminaire suitable for street lighting and for urban areas, for use on Ø60mm pole tops
- Silicone gaskets
- Polyester powder coating after a treatment specific for weathering resistance
- Cut out system when opening the luminaire through disconnecting switch
- A2 stainless steel screws
- Suitable for installation up to 8m height max (35W)
- Suitable for installation up to 15m height max (53,8W - 89,2W)
- Equipped with osmotic valve for leakage of air and humidity

Diffuser

- Flat, transparent, tempered glass diffuser, 4mm thick

Housing

- Anodised and painted die-cast aluminium housing
- Metric M20x1,5mm cable gland suitable for Ø6 - Ø12mm² cables

Wiring

- Anodised and painted die-cast aluminium wiring compartment
- Wiring plate in black reinforced thermoplastic
- The wiring compartment is completely removable without using any tool for an easier ordinary and supplementary maintenance
- Quick connection between driver and optical unit through polarized connector
- Quick connection between driver and switch trough polarized connector
- Built-in dimmable driver 1-10V (standard configuration), PWM or virtual midnight (DALI dimmable version available on request)
- Over voltage protection; Common Mode 10kV, Differential Mode 6kV


Optics and lens

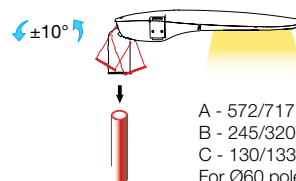
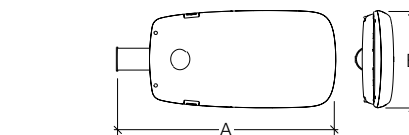
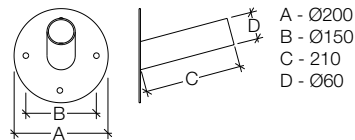
- Street optics short
- Street optics medium
- Pedestrian optics
- Round symmetrical optics
- Non yellowing, transparent PMMA (acrylic) lens


Pole-top

- Anodised and painted die-cast aluminium pole-top, suitable for poles Ø60mm and adjustable in vertical/horizontal position with tilt regulation $\pm 10^\circ$ (steps of 5°)


Indus/Skill Wall System

Dimensions	Anthracite RAL 7016 textured	Metallic grey RAL 9006	
250xØ200mm	1060.001S	1060.001M	1



 Compliance with EU regulatory requirements

Color:

 Anthracite RAL 7016



European Norms
Electrical Certification



Warm



Cold



H2O Stop



IK



Insulation class



Class



Cut off



Guarantee

3000K/4000K

IP66

IK08

 \oplus

Yes

5 years






Data can be changed according to technological developments. For the latest updates we recommend you to visit our website marecoluce.it

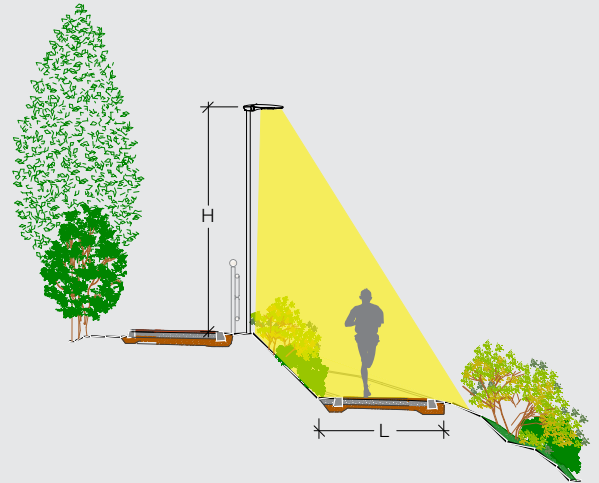
MADE IN ITALY






URBAN ARCHITECTURAL
LUMINAIRE

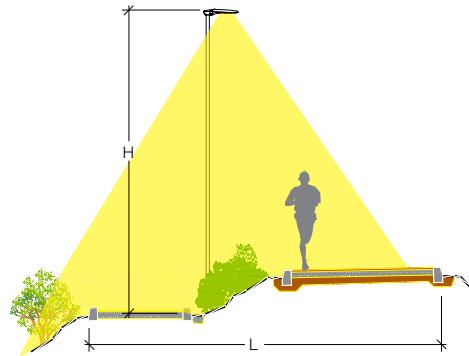
Pedestrian optics

Dimensions	K/Power			
572x130x245mm	● 4000K - 35W	1892.182S	1892.482S	1
	● 3000K - 35W	1892.184S	1892.484S	1
	● 4000K - 53,8W	1892.282S	1892.582S	1
	● 3000K - 53,8W	1892.284S	1892.584S	1
717x133x320mm	● 4000K - 88,9W	1892.382S	1892.682S	1
	● 3000K - 88,9W	1892.384S	1892.684S	1






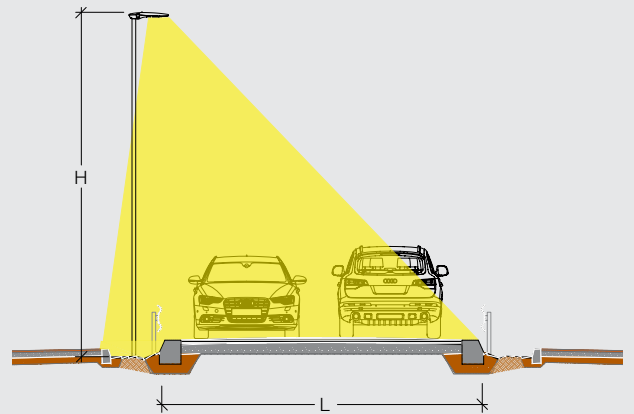
Round symmetrical optics

Dimensions	K/Power			
572x130x245mm	● 4000K - 35W	1893.182S	1893.482S	1
	● 3000K - 35W	1893.184S	1893.484S	1
	● 4000K - 53,8W	1893.282S	1893.582S	1
	● 3000K - 53,8W	1893.284S	1893.584S	1
717x133x320mm	● 4000K - 88,9W	1893.382S	1893.682S	1
	● 3000K - 88,9W	1893.384S	1893.684S	1






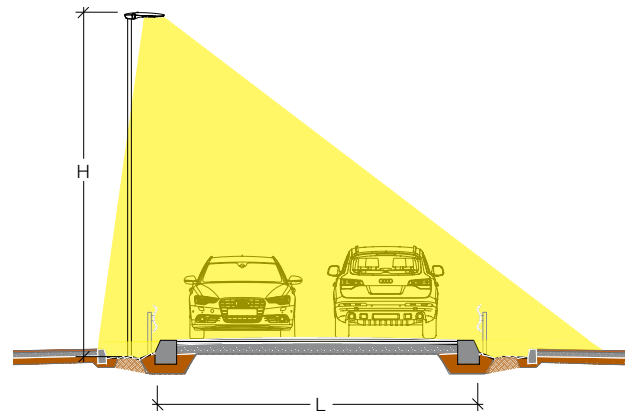
Street optics short

Dimensions	K/Power			
572x130x245mm	● 4000K - 35W	1894.182S	1894.482S	1
	● 3000K - 35W	1894.184S	1894.484S	1
	● 4000K - 53,8W	1894.282S	1894.582S	1
	● 3000K - 53,8W	1894.284S	1894.584S	1
717x133x320mm	● 4000K - 88,9W	1894.382S	1894.682S	1
	● 3000K - 88,9W	1894.384S	1894.684S	1



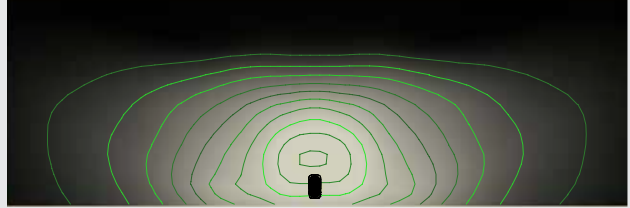
Street optics medium

Dimensions	K/Power			
572x130x245mm	● 4000K - 35W	1895.182S	1895.482S	1
	● 3000K - 35W	1895.184S	1895.484S	1
	● 4000K - 53,8W	1895.282S	1895.582S	1
	● 3000K - 53,8W	1895.284S	1895.584S	1
717x133x320mm	● 4000K - 88,9W	1895.382S	1895.682S	1
	● 3000K - 88,9W	1895.384S	1895.684S	1



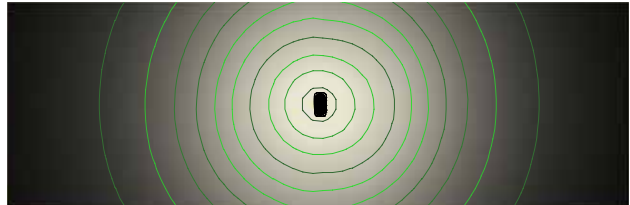
I= Pole spacing (m)
H= Height (m)
L= Road width (m)
Emed= Average illuminance (Lux)
Emin= Minimum illuminance (Lux)

	I m	H m	L m	Emed Lux	Emin Lux
35W	20	3,5	3	27	13



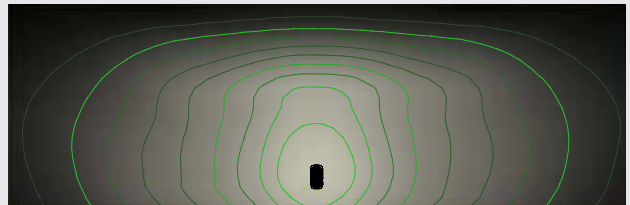
I= Pole spacing (m)
H= Height (m)
L= Road width (m)
Emed= Average illuminance (Lux)
Emin= Minimum illuminance (Lux)

	I m	H m	L m	Emed Lux	Emin Lux
35W	20	3,5	10	15	5



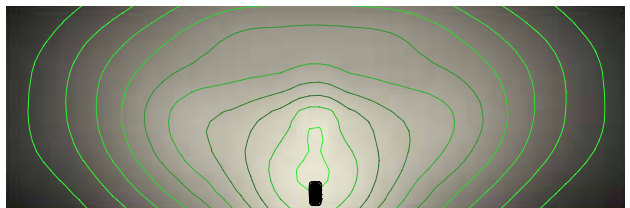
I= Pole spacing (m)
H= Height (m)
L= Road width (m)
Emed= Average illuminance (Lux)
Emin= Minimum illuminance (Lux)

	I m	H m	L m	Emed Lux	Emin Lux
53,8W	23	5	5	24	12
89,2W	30	8	8	22	15



I= Pole spacing (m)
H= Height (m)
L= Road width (m)
Emed= Average illuminance (Lux)
Emin= Minimum illuminance (Lux)

	I m	H m	L m	Emed Lux	Emin Lux
35W	20	5	5	15	9
89,2W	30	8	10	17	11





Skill

Technical details

- Cut-off led's luminaire suitable for street lighting and for urban areas, for use on Ø60mm pole tops
- Silicone gaskets
- Polyester powder coating after a treatment specific for weathering resistance
- A2 stainless steel screws

Diffuser

- Flat, transparent, tempered glass diffuser, 4mm thick

Housing

- Anodised and painted die-cast aluminium housing
- Metric M20x1,5mm cable gland complete with vent valve

Wiring

- Anodised and painted die-cast aluminium wiring compartment
- Wiring plate in black reinforced thermoplastic
- Quick connection between driver and optical unit through polarized connector

Optics

- Pedestrian optics
- Street optics short
- Street optics medium
- Non yellowing, transparent PMMA (acrylic) lens

Pole-top

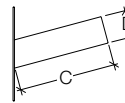
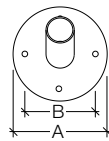
- Anodised and painted die-cast aluminium pole-top, suitable for poles Ø60mm and adjustable in vertical/horizontal position with tilt regulation +10°/-5° (steps of 5°)

Optional accessory (to be ordered separately)

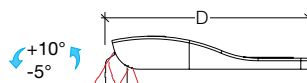
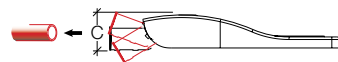
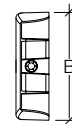
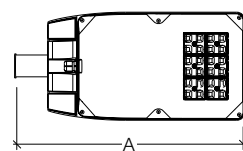
- IP68 connector

Indus/Skill Wall System

Dimensions	Anthracite RAL 7016 textured	Metallic grey RAL 9006	
250xØ200mm	1060.001S	1060.001M	1



- A - Ø200
- B - Ø150
- C - 210
- D - Ø60



- A - 560
- B - 245
- C - 75
- D - 445
- For Ø60 pole tops

CE Compliance with EU regulatory requirements

Color:

● Grey RAL 9006



Warm Cold
3000K/4000K

H2O Stop
IP66

IK
IK08

Insulation class
□ ⊕

Cut off
Yes

Guarantee
5 years







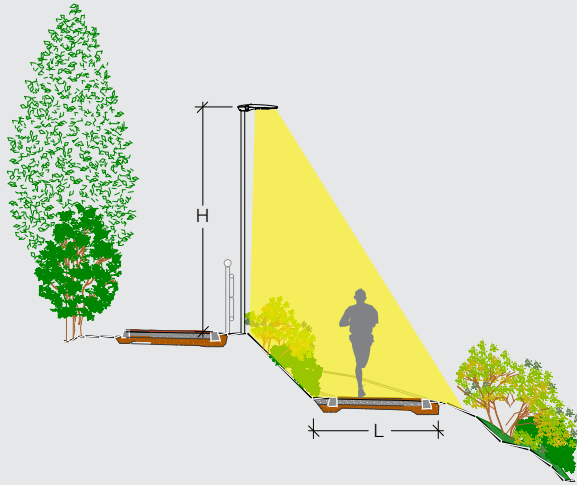
Data can be changed according to technological developments. For the latest updates we recommend you to visit our website marecoluce.it



MADE IN ITALY

Pedestrian optics





K/Power			
● 4000K - 36W	1830.482M	1830.182M	1
● 3000K - 36W	1830.484M	1830.184M	1
● 4000K - 56,6W	1830.582M	1830.282M	1
● 3000K - 56,6W	1830.584M	1830.284M	1
● 4000K - 82,7W	1830.682M	1830.382M	1
● 3000K - 82,7W	1830.684M	1830.384M	1
Optional accessory	Code		
IP68 connector	CS093000		1

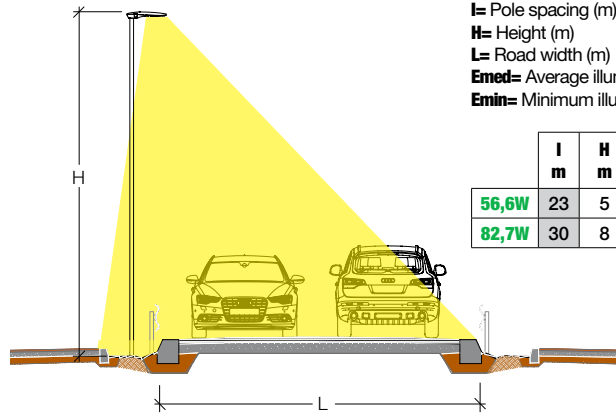


I= Pole spacing (m)
 H= Height (m)
 L= Road width (m)
 Emed= Average illuminance (Lux)
 Emin= Minimum illuminance (Lux)

	I m	H m	L m	Emed Lux	Emin Lux
36W	20	3,5	3	27	13

Street optics short





K/Power			
● 4000K - 36W	1831.482M	1831.182M	1
● 3000K - 36W	1831.484M	1831.184M	1
● 4000K - 56,6W	1831.582M	1831.282M	1
● 3000K - 56,6W	1831.584M	1831.284M	1
● 4000K - 82,7W	1831.682M	1831.382M	1
● 3000K - 82,7W	1831.684M	1831.384M	1
Optional accessory	Code		
IP68 connector	CS093000		1

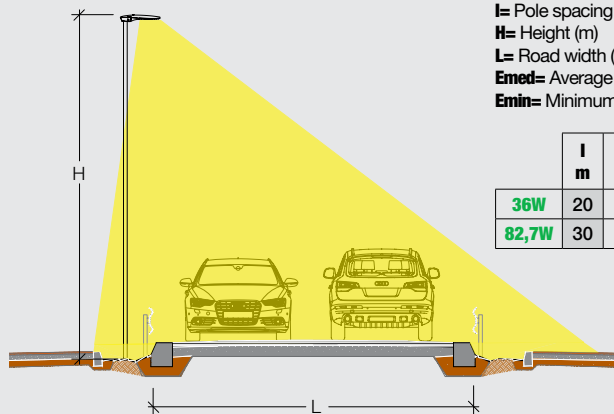


I= Pole spacing (m)
 H= Height (m)
 L= Road width (m)
 Emed= Average illuminance (Lux)
 Emin= Minimum illuminance (Lux)

	I m	H m	L m	Emed Lux	Emin Lux
56,6W	23	5	5	24	12
82,7W	30	8	8	22	15

Street optics medium

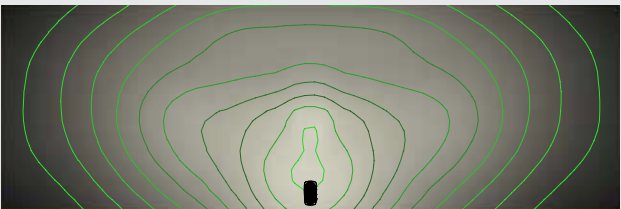
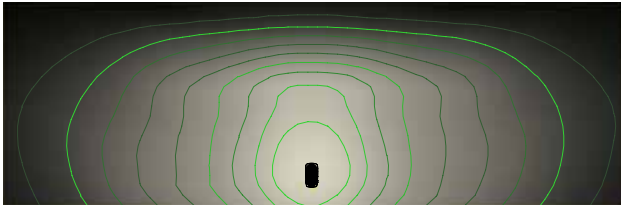
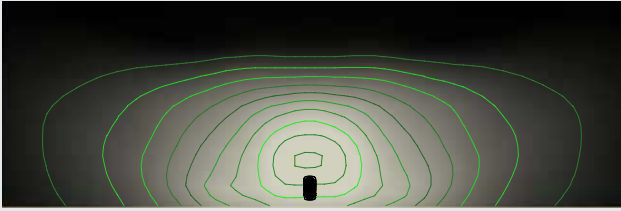
K/Power			
● 4000K - 36W	1832.482M	1832.182M	1
● 3000K - 36W	1832.484M	1832.184M	1
● 4000K - 56,6W	1832.582M	1832.282M	1
● 3000K - 56,6W	1832.584M	1832.284M	1
● 4000K - 82,7W	1832.682M	1832.382M	1
● 3000K - 82,7W	1832.684M	1832.384M	1
Optional accessory	Code		
IP68 connector	CS093000		1



I= Pole spacing (m)
 H= Height (m)
 L= Road width (m)
 Emed= Average illuminance (Lux)
 Emin= Minimum illuminance (Lux)

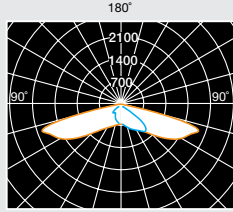
	I m	H m	L m	Emed Lux	Emin Lux
36W	20	5	5	15	9
82,7W	30	8	10	17	11



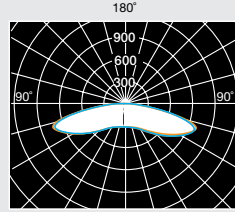




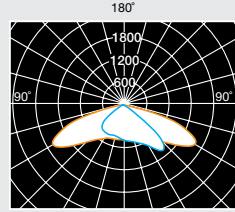
Indus



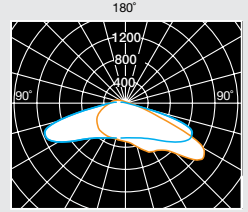
Pedestrian optics



Round symmetrical optics




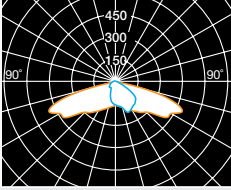
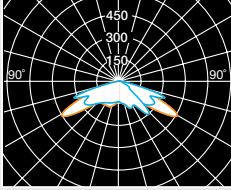
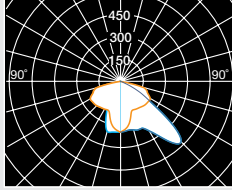













Street optics short



Street optics medium

In conformity with EU Directives									
European Norms Electrical Certification									
Insulation class									
Voltage		200-240V 50/60Hz							
Step MacAdam		3							
CUT-OFF									
Life time		L70>60Kh-Tc 115°C							
Colour temperature									
Luminaire output		Pedestrian optics		Round symmetrical optics		Street optics short		Street optics medium	
		35W-4493 lm 53,8W-6550 lm 88,9W-12003 lm	35W-4849 lm 53,8W-7042 lm 88,9W-12859 lm	35W-4127 lm 53,8W-6016 lm 88,9W-11024 lm	35W-4453 lm 53,8W-6468 lm 88,9W-11810 lm	35W-4479 lm 53,8W-6530 lm 88,9W-11966 lm	35W-4834 lm 53,8W-7021 lm 88,9W-12819 lm	35W-4447 lm 53,8W-6483 lm 88,9W-11881 lm	35W-4799 lm 53,8W-6971 lm 88,9W-12729 lm
Beams/Optics		Pedestrian optics		Round symmetrical optics		Street optics short		Street optics medium	
IP (Protection degree)		IP66							
IK (Impact resistance)		IK08							
Year warranty									
Photobiological risk		--							
Photobiological risk									
Dimmable 1-10V									
Dimmable DALI		available on request							
Virtual midnight									
Pre-wired with:		--							
CRI		>70							
IP68 connector CS093000 not included		--							

Technical details

 Skill					
 Pedestrian optics		 Street optics short		 Street optics medium	
					
--					
					
200-240V 50/60Hz (36W)		202-254V 50/60Hz (56,6W)		100-277V 50/60Hz (82,7W)	
3					
					
L90>100Kh-Tc 65°C					
 3000K	 4000K	 3000K	 4000K	 3000K	 4000K
Pedestrian optics		Street optics short		Street optics medium	
36W-3585 lm 56,6W-5750 lm 82,7W-8006 lm	36W-3806 lm 56,6W-6198 lm 82,7W-8492 lm	36W-3629 lm 56,6W-5820 lm 82,7W-8103 lm	36W-3852 lm 56,6W-6273 lm 82,7W-8595 lm	36W-3794 lm 56,6W-6086 lm 82,7W-8473 lm	36W-4028 lm 56,6W-6560 lm 82,7W-8988 lm
Pedestrian optics		Street optics short		Street optics medium	
IP66					
IK08					
					
					
--					
available on request					
available on request					
available on request					
100cm cable H07RN-F 3x1,5mm ²			100cm cable H07RN-F 2x1,5mm ²		
>70					
					

EDGE BOLLARD

M. Frau - D. Bartolini

Edge Bollard 90° **88**

Edge Wall 90° **88**

Edge Bollard 60° **90**

Edge Wall 60° **90**

Edge Bollard 180° **92**

bollards and appliques

maarec



CO



outdoor residential luminaires

Edge Bollard 90° + Edge Wall 90°

Technical details

- Cut-off led's luminaire 1000mm high rectangular shaped 125x90mm complete with flange for plinth/floor installation (Edge bollard 90°)
- Cut-off led's luminaires rectangular shaped 125x90mm complete with fixing bracket for wall mounting (Edge wall 90°)
- Polyester powder coating after specific weathering resistance treatment
- Interlocking decorative side profile in PC (polycarbonate)
- Reinforced thermoplastic and painted front closure cap
- A2 stainless steel screws
- Conforms to regional laws against light pollution
- Anodized aluminium heat sink
- Driver IP67 included
- N°12 LED's powered at 500mA and PCB in IMS

Optics and Lens

- Pedestrian optics
- Non yellowing, transparent PMMA (acrylic) lens

Housing

- Anodised and painted extruded aluminium housing

Flange (Edge Bollard 90°)

- Cold galvanised steel 75µm UNI EN 1461 flange 94x84x68mm for plinth/floor fixing

Wall fixing bracket (Edge wall 90°)

- Wall fixing bracket 94x25x30mm in hot-dip galvanized steel 75µm UNI EN 1461

Optional accessories (to be ordered separately - Edge Bollard 90°)

- Anchor bolts M12x200mm in hot galvanized steel 75µm UNI EN 1461 for plinth fixing

CE Compliance with EU regulatory requirements

Colors:

- Anthracite RAL 7016
- Grey RAL 9006
- Rust

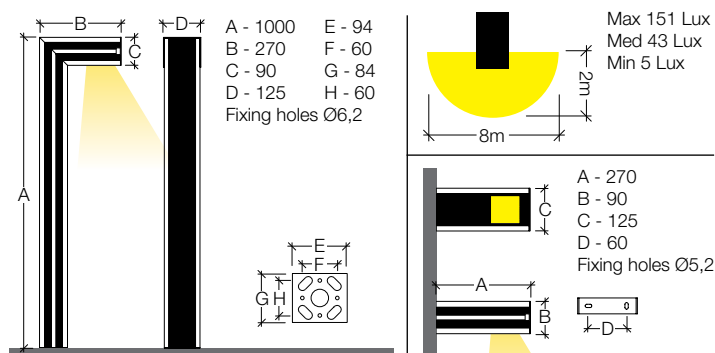
Edge Wall 90°

K/Power	Rust	Metallic grey RAL 9006	Anthracite RAL 7016 textured	
● 4000K - 10,9W	0171.182J	0171.182M	0171.182S	1
● 3000K - 10,9W	0171.184J	0171.184M	0171.184S	1

Edge Bollard 90°

● 4000K - 10,9W	1077.182J	1077.182M	1077.182S	1
● 3000K - 10,9W	1077.184J	1077.184M	1077.184S	1

Optional accessory (bollard)	Code	
Anchor bolts kit plinth fixing M12x200mm	4000.005W	1



● Warm	● Cold	H2O Stop	IK	Insulation class	Cut off	3 Guarantee
3000K/4000K		IP65	IK08		Yes	3 years



OUTDOOR RESIDENTIAL
LUMINAIRE



Data can be changed according to technological developments. For the latest updates we recommend you to visit our website marecoluce.it



Edge Bollard 60° + Edge Wall 60°

Technical details

- Led's luminaire 1000mm high rectangular shaped 125x90mm complete with flange for plinth/floor installation (Edge bollard 60°)
- Led's luminaires rectangular shaped 125x90mm complete with fixing bracket for wall mounting (Edge wall 60°)
- Polyester powder coating after specific weathering resistance treatment
- Interlocking decorative side profile in PC (polycarbonate)
- Reinforced thermoplastic and painted front closure cap
- A2 stainless steel screws
- Conforms to regional laws against light pollution
- Anodized aluminium heat sink
- Driver IP67 included
- N°12 LED's powered at 500mA and PCB in IMS

Optics and Lens

- Pedestrian optics
- Non yellowing, transparent PMMA (acrylic) lens

Housing

- Anodised and painted extruded aluminium housing

Flange (Edge Bollard 60°)

- Cold galvanised steel 75µm UNI EN 1461 flange 94x84x68mm for plinth/floor fixing

Wall fixing bracket (Edge wall 60°)

- Wall fixing bracket 94x25x30mm in hot-dip galvanized steel 75µm UNI EN 1461

Optional accessories (to be ordered separately - Edge Bollard 60°)

- Anchor bolts M12x200mm in hot galvanized steel 75µm UNI EN 1461 for plinth fixing

CE Compliance with EU regulatory requirements

Colors:

- Anthracite RAL 7016
- Grey RAL 9006
- Rust

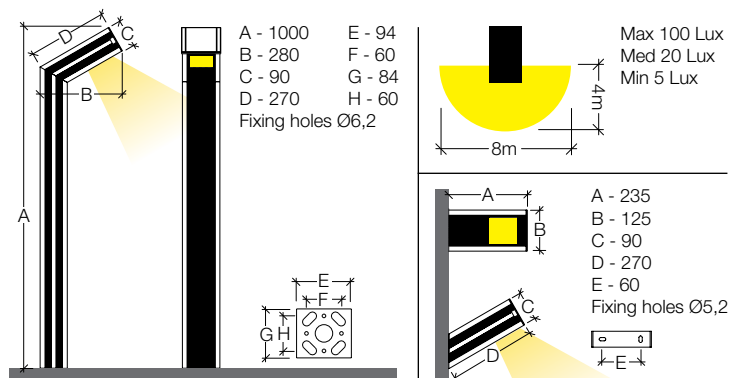
Edge Wall 60°

K/Power	Rust	Metallic grey RAL 9006	Anthracite RAL 7016 textured	
4000K - 10,9W	0173.182J	0173.182M	0173.182S	1
3000K - 10,9W	0173.184J	0173.184M	0173.184S	1

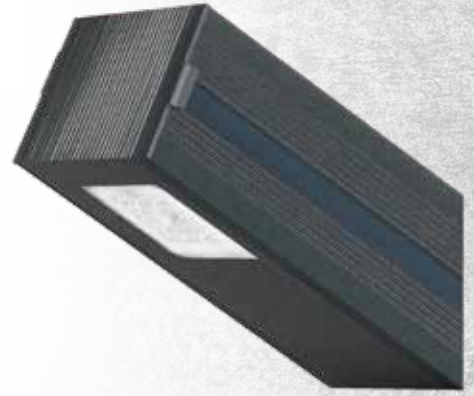
Edge Bollard 60°

4000K - 10,9W	1078.182J	1078.182M	1078.182S	1
3000K - 10,9W	1078.184J	1078.184M	1078.184S	1

Optional accessory (bollard)	Code	
Anchor bolts kit plinth fixing M12x200mm	4000.005W	1



● Warm	● Cold	H2O Stop	IK	Insulation class	Class 3
3000K/4000K		IP65	IK08		Guarantee 3 years



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Edge Bollard 180°

Technical details

- Led's luminaire 1000mm high rectangular shaped 125x90mm complete with flange for plinth/floor installation
- Polyester powder coating after specific weathering resistance treatment
- Interlocking decorative side profile in PC (polycarbonate)
- Reinforced thermoplastic and painted front closure cap
- A2 stainless steel screws
- Conforms to regional laws against light pollution
- Anodized aluminium heat sink
- Slot H300x80mm
- Driver IP67 included
- N°24 LED's powered at 500mA and PCB in IMS

Optics and Lens

- Round symmetrical optics
- Non yellowing, transparent PMMA (acrylic) lens

Housing

- Anodised and painted extruded aluminium housing

Flange




- Cold galvanised steel 75µm UNI EN 1461 flange 94x84x68mm for plinth/floor fixing



Optional accessories (to be ordered separately)

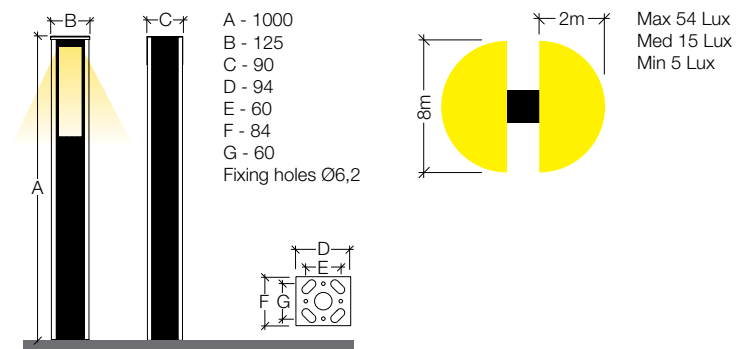
- Anchor bolts M12x200mm in hot galvanized steel 75µm UNI EN 1461 for plinth fixing

CE Compliance with EU regulatory requirements

Colors:

-  Anthracite RAL 7016
-  Grey RAL 9006
-  Rust

K/Power	Rust	Metallic grey RAL 9006	Anthracite RAL 7016 textured	
4000K - 14,4W	1079.182J	1079.182M	1079.182S	1
3000K - 14,4W	1079.184J	1079.184M	1079.184S	1
Optional accessory			Code	
Anchor bolts kit plinth fixing M12x200mm			4000.005W	1



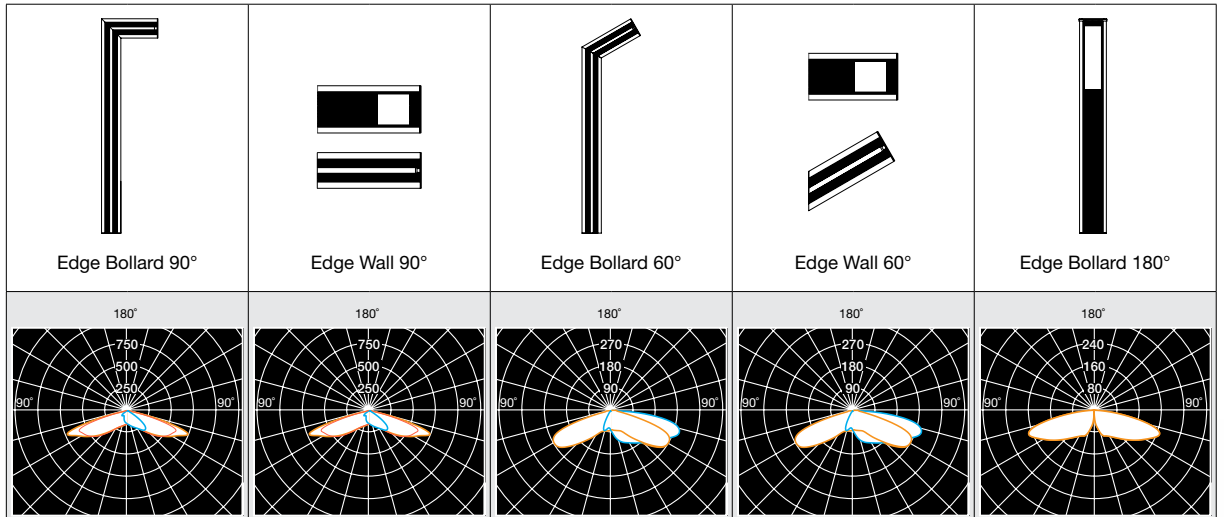
						
Warm	Cold	H2O Stop	IK	Insulation class	Cut off	Guarantee
3000K/4000K		IP65	IK08		Yes	3 years



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Wall installation		--		--		--		--	
Ground installation			--		--		--		
In conformity with EU Directives									
Insulation class									
Voltage		90-264V 50/60Hz		90-264V 50/60Hz		90-264V 50/60Hz		90-264V 50/60Hz	
Step MacAdam		3		3		3		3	
CUT-OFF				--	--	--	--		
Life time		L90=54Kh-Tc 105°C		L90=54Kh-Tc 105°C		L90=54Kh-Tc 105°C		L90=54Kh-Tc 105°C	
Colour temperature									
Luminaire output		10,9W 1137 lm	10,9W 1220 lm	10,9W 1137 lm	10,9W 1220 lm	10,9W 1137 lm	10,9W 1220 lm	14,4W 814 lm	14,4W 871 lm
Beams/Optics		Pedestrian optics		Pedestrian optics		Pedestrian optics		Pedestrian optics	
IP (Protection degree)		IP65		IP65		IP65		IP65	
IK (Impact resistance)		IK08		IK08		IK08		IK08	
Year warranty									
Photobiological risk									
Pre-wired with:		20cm cable H05RN-F 2x0,75mm²		80cm cable H05RN-F 2x0,75mm²		20cm cable H05RN-F 2x0,75mm²		80cm cable H05RN-F 2x0,75mm²	
CRI		>80		>80		>80		>80	
Connector IP68 CS093000 (linear) and CS093001 ("T"-3 ways) not included									
		The "T"-3 ways and linear IP68 connector can be placed inside the luminaire		The "T"-3 ways and linear IP68 connector can be placed inside the luminaire		The "T"-3 ways and linear IP68 connector can be placed inside the luminaire		The "T"-3 ways and linear IP68 connector can be placed inside the luminaire	

Technical details

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DELUX

M. Frau - D. Bartolini

Delux Round **98**

Delux 360° **100**

Delux Wall 360° **100**

Delux 360° Service **102**

Delux 180° **104**

Delux 180° Maxi **106**

Delux 90° **108**

Delux Indi **110**

Delux Service **112**

bollards and appliques

madareo



CO



outdoor residential luminaires



Delux Round

Technical details

- Led's luminaire in three heights 275mm, 470mm, 845mm, complete with base for plinth/floor installation
- Polyester powder coating after specific weathering resistance treatment
- Silicone gaskets
- Anodized aluminium heat sink
- PG9 metallic cable gland complete with osmotic valve for leakage of air and humidity
- N°24 LED's circuit mains powered
- A2 stainless steel screws

Top cover

- Anodised and painted die-cast aluminium top cover

Diffuser

- Non yellowing transparent PMMA (acrylic) diffuser

Housing

- Anodised and painted extruded aluminium housing

Base

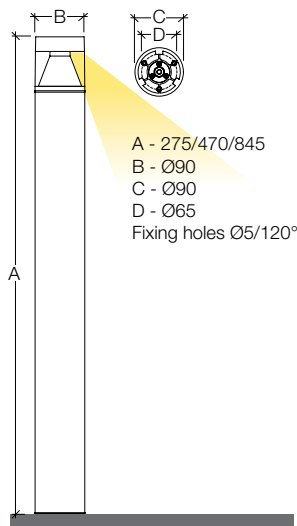
- Reinforced thermoplastic base for plinth/floor installation

Dimensions	K/Power	Rust	Metallic grey RAL 9006	Anthracite RAL 7016 textured	
Ø90x275mm	4000K - 10W	1028.282J	1028.282M	1028.282S	1
	3000K - 10W	1028.284J	1028.284M	1028.284S	1
Ø90x470mm	4000K - 10W	1028.082J	1028.082M	1028.082S	1
	3000K - 10W	1028.084J	1028.084M	1028.084S	1
Ø90x845mm	4000K - 10W	1028.182J	1028.182M	1028.182S	1
	3000K - 10W	1028.184J	1028.184M	1028.184S	1
Optional accessory for light beam 180°		Rust	Metallic grey RAL 9006	Anthracite RAL 7016 textured	
Accessory 180°		1028.000J	1028.000M	1028.000S	1

Compliance with EU regulatory requirements

Colors:

- Anthracite RAL 7016
- Grey RAL 9006
- Rust



Warm Cold
3000K/4000K



H2O Stop
IP65



IK
IK04



Insulation class
Class



Guarantee
5 years



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LUMINAIRE

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Delux 360° + Delux Wall 360°

Technical details

- Led's luminaire in three heights 275mm, 470mm, 845mm, complete with base for plinth/floor installation (Delux 360°)
- Led's luminaires complete with fixing bracket for wall mounting (Delux wall 360°)
- Preset for installation on a Ø60mm pole (Delux 360°)
- Polyester powder coating after specific weathering resistance treatment
- Silicone gaskets
- Anodized aluminium heat sink
- PG9 metallic cable gland complete with osmotic valve for leakage of air and humidity
- N°24 LED's circuit mains powered
- A2 stainless steel screws

Top cover

- Anodised and painted die-cast aluminium top cover

Diffuser

- Non yellowing transparent PMMA (acrylic) diffuser

Housing

- Anodised and painted extruded aluminium housing

Base (Delux 360°)

- Reinforced thermoplastic base for plinth/floor installation, or for installation on a Ø60mm pole

Wall fixing bracket (Delux wall 360°)

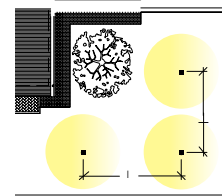
- Wall fixing bracket 81x14x20mm in hot-dip galvanized steel 75µm UNI EN 1461

I = Pole spacing (m)

Emed = Average illuminance (Lux)

Emin = Minimum illuminance (Lux)

	I m	Emed Lux	Emin Lux
10W	4	20	5

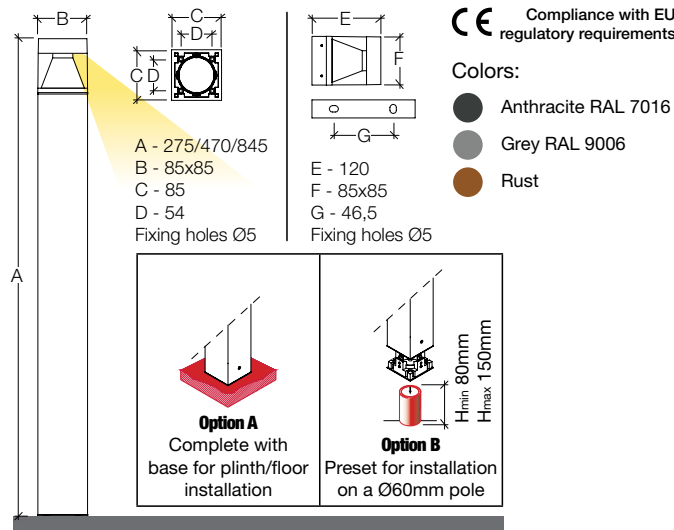


Delux Wall 360°

Dimensions	K/Power	Rust	Metallic grey RAL 9006	Anthracite RAL 7016 textured	
85x85x120mm	● 4000K - 10W	0121.182J	0121.182M	0121.182S	1
	● 3000K - 10W	0121.184J	0121.184M	0121.184S	1

Delux 360°

85x85x275mm	● 4000K - 10W	1021.282J	1021.282M	1021.282S	1
	● 3000K - 10W	1021.284J	1021.284M	1021.284S	1
85x85x470mm	● 4000K - 10W	1021.082J	1021.082M	1021.082S	1
	● 3000K - 10W	1021.084J	1021.084M	1021.084S	1
85x85x845mm	● 4000K - 10W	1021.182J	1021.182M	1021.182S	1
	● 3000K - 10W	1021.184J	1021.184M	1021.184S	1



Warm	Cold	H2O Stop	IK	Insulation class	Guarantee
3000K/4000K	IP65	IK04	⊕	5	5 years



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LUMINAIRE

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Delux 360° Service

Technical details

- Led's luminaire 845mm high, complete with base for plinth/floor installation
- Energy and service distribution bollard, for the mains connection of portable appliances, gardens tools, phones, etc.... Possible options: emergency light, USB port, motion sensor
- Preset for installation on a Ø60mm pole
- Polyester powder coating after specific weathering resistance treatment
- Silicone gaskets
- Anodized aluminium heat sink
- PG9 metallic cable gland complete with osmotic valve for leakage of air and humidity
- N°24 LED's circuit mains powered
- A2 stainless steel screws

Top cover

- Anodised and painted die-cast aluminium top cover

Diffuser

- Non yellowing transparent PMMA (acrylic) diffuser

Housing

- Anodised and painted extruded aluminium housing

Base

- Reinforced thermoplastic base for plinth/floor installation, or for installation on a Ø60mm pole

Modules

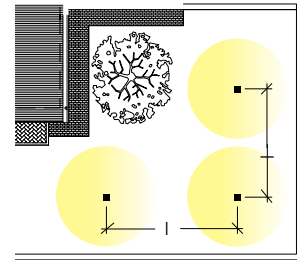
- Preset for 2 modules
- IP55 waterproof panel (with front cover closed)
- SCHUKO power socket - 2 modules (1 panel)
- Removable torch - 2 modules (1 panel)
- USB port - 1 module (half a panel)
- Motion sensor - 1 module (half a panel)
- Blanking module - 1 module (half a panel)
- 1P 10A way switch - 1 module (half a panel)
- Modules to be installed by the installer

I = Pole spacing (m)

E_{med} = Average illuminance (Lux)

E_{min} = Minimum illuminance (Lux)

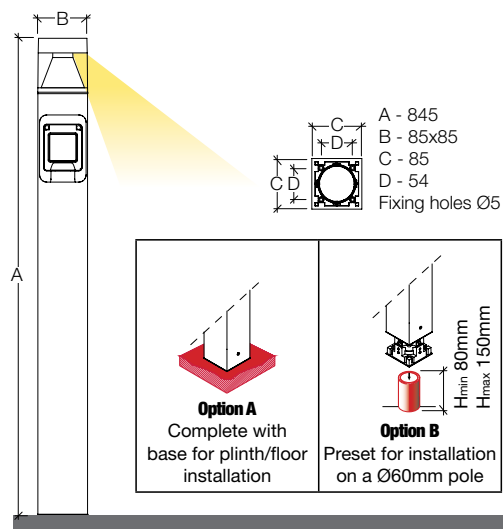
	I m	E _{med} Lux	E _{min} Lux
10W	4	20	5



CE Compliance with EU regulatory requirements

Color:

- Anthracite RAL 7016



Warm
3000K/4000K



Cold



H2O Stop
IP65



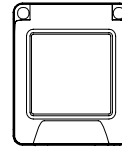
IK
IK04



Insulation class



Guarantee
5 years



- IP55 waterproof panel, 2 modules, Eikon, Arké and Plana Vimar®/Perry® series



Universal SCHUKO socket - 2 modules (1 panel)

- Socket 2P+T 16A 250V~universal, for europlugs 2P 2,5A
 - Socket 2P and 2P+T 10A and 16A Italian standard
 - Socket 2P+T 16A German standard
 - It does not make the earth connection with the socket 2P+T 16A 250V~ French standard



Blanking module - 1 module (half a panel)

- Blanking module



Removable torch - 2 modules (1 panel)

- LED 0,5W 20Lm, it switches on when the power supply fails
 - IP20, Class 2
 - Removable and complete with on-off switch
 - Equipped with anti-theft screw



USB port - 1 module (half a panel)

- Power supply unit 5V 1.5A for electronic devices
 - 1 USB output, type A
 - Power supply 120-230V~ 50/60Hz



Motion sensor - 1 module (half a panel)

- Switch with infrared motion sensor for turning on the lights, twilight sensor threshold regulation, and cycle timing control
 - Relè output NO 6A 230V~
 - Power supply 230V~ 50-60Hz



Switch - 1 module (half a panel)

- 1P 10 AX 250V~1-way switch, lightable, replaceable button
 - Max 100W for self-ballasted lamps

K/Power	Code	
● 4000K - 10W	1021.S82S	1
● 3000K - 10W	1021.S84S	1
Modules	Code	
SCHUKO power socket	1025.0001	1
Blanking module	1025.0002	1
Removable torch	1025.0003	1
USB port	1025.0004	1
Motion sensor	1025.0005	1
1P 10A way switch	1025.0006	1

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Delux 180°

Technical details

- Led's luminaire 752mm high, complete with base for plinth/floor installation
- Preset for installation on a Ø60mm pole
- Polyester powder coating after specific weathering resistance treatment
- N°76 LED's circuit mains powered
- A2 stainless steel screws

Top cover

- Anodised and painted die-cast aluminium top cover

Wiring compartment

- Wiring compartment in reinforced thermoplastic
- PG9 plastic cable gland complete with osmotic valve for leakage of air and humidity

Diffuser

- Non yellowing traslucent PMMA (acrylic) diffuser

Housing

- Anodised and painted extruded aluminium housing

Base

- Reinforced thermoplastic base for plinth/floor installation, or for installation on a Ø60mm pole

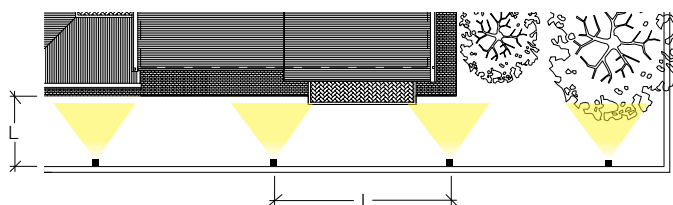
L = Width (m)

I = Pole spacing (m)

Emed = Average illuminance (Lux)

Emin = Minimum illuminance (Lux)

	L m	I m	Emed Lux	Emin Lux
10W	2,5	5	24	5



CE Compliance with EU regulatory requirements

Colors:

- Anthracite RAL 7016
- Grey RAL 9006
- Rust

K/Power

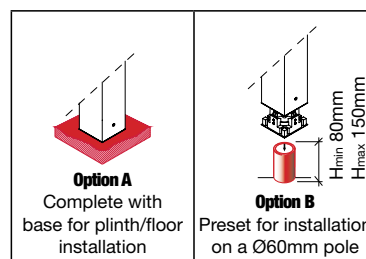
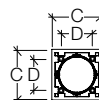
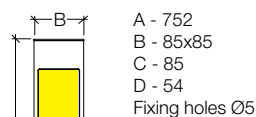
Rust

Metallic grey
RAL 9006

Anthracite
RAL 7016
textured



● 4000K - 10W	1022.182J	1022.182M	1022.182S	1
● 3000K - 10W	1022.184J	1022.184M	1022.184S	1



Warm

3000K/4000K



Cold



H2O Stop

IP65



IK

IK06



Insulation class

□



Guarantee

5 years



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LUMINAIRE

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Delux 180° Maxi

Technical details

- Led's luminaire 752mm high, complete with base for plinth/floor installation
- Preset for installation on a Ø60mm pole
- Polyester powder coating after specific weathering resistance treatment
- N°76 LED's circuit mains powered
- A2 stainless steel screws

Top cover

- Anodised and painted die-cast aluminium top cover

Wiring compartment

- Wiring compartment in reinforced thermoplastic
- PG9 plastic cable gland complete with osmotic valve for leakage of air and humidity

Diffuser

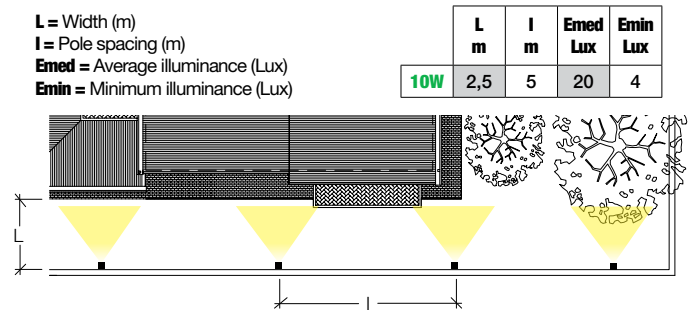
- Non yellowing traslucent PMMA (acrylic) diffuser

Housing

- Anodised and painted extruded aluminium housing

Base

- Reinforced thermoplastic base for plinth/floor installation, or for installation on a Ø60mm pole



CE Compliance with EU regulatory requirements

Colors:

- Anthracite RAL 7016
- Grey RAL 9006
- Rust

K/Power

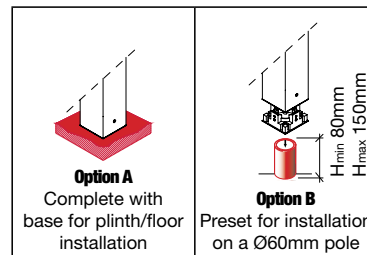
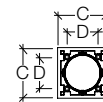
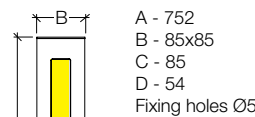
Rust

Metallic grey RAL 9006

Anthracite RAL 7016 textured



● 4000K - 10W	1023.182J	1023.182M	1023.182S	1
● 3000K - 10W	1023.184J	1023.184M	1023.184S	1



Warm

3000K/4000K



Cold



H2O Stop

IP65



IK

IK06



Insulation class

□



Class

5

Guarantee

5 years



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Delux 90°

Technical details

- Led's luminaire 752mm high, complete with base for plinth/floor installation
- Preset for installation on a Ø60mm pole
- Polyester powder coating after specific weathering resistance treatment
- ±180° rotating bracket
- Anodized aluminium heat sink
- PG9 metallic cable gland complete with osmotic valve for leakage of air and humidity
- N°76 LED's circuit mains powered
- A2 stainless steel screws

Top cover

- Anodised and painted die-cast aluminium top cover

Diffuser

- Non yellowing traslucent PMMA (acrylic) diffuser

Housing

- Anodised and painted extruded aluminium housing

Base

- Reinforced thermoplastic base for plinth/floor installation, or for installation on a Ø60mm pole

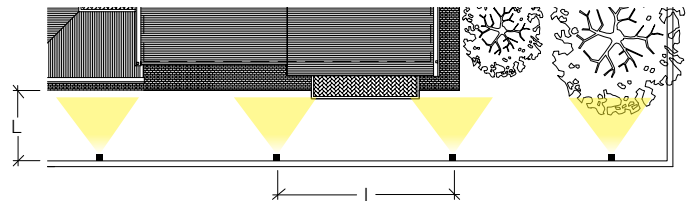
L = Width (m)

I = Pole spacing (m)

E_{med} = Average illuminance (Lux)

E_{min} = Minimum illuminance (Lux)

	L m	I m	E _{med} Lux	E _{min} Lux
15W	5	5	45	5



CE Compliance with EU regulatory requirements

K/Power

Rust

Metallic grey
RAL 9006

Anthracite
RAL 7016
textured



Colors:

● Anthracite RAL 7016

● Grey RAL 9006

● Rust

● 4000K - 15W

● 3000K - 15W

1020.182J

1020.184J

1020.182M

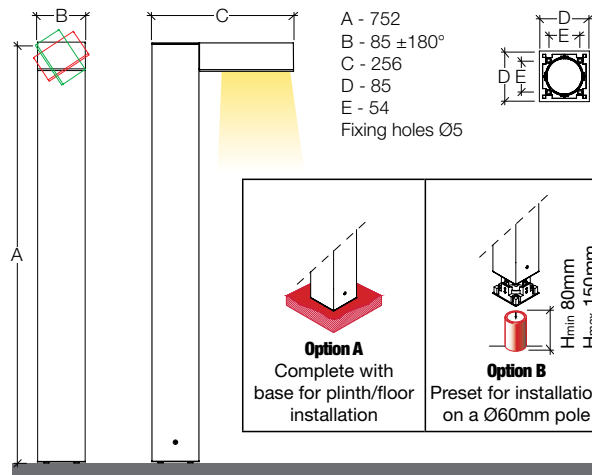
1020.184M

1020.182S

1020.184S

1

1



Warm 3000K/4000K



Cold



H2O Stop IP65



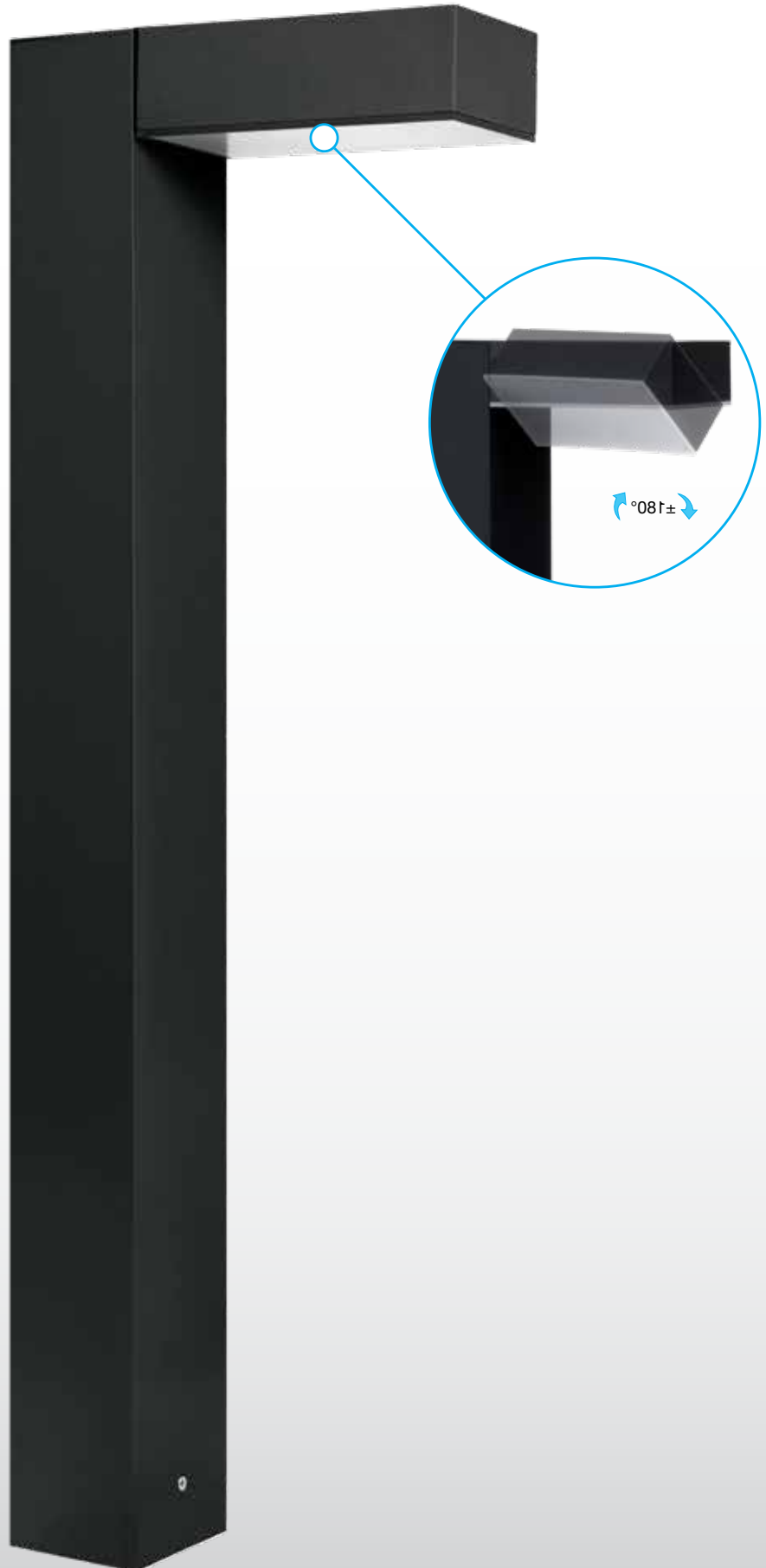
IK IK03



Insulation class



Guarantee 5 years



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LUMINAIRE

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Delux Indi

Technical details

- Led's luminaire in two heights, 475mm, 752mm complete with base for plinth/floor installation
- Preset for installation on a Ø60mm pole
- Polyester powder coating after specific weathering resistance treatment
- A2 stainless steel screws
- Silicone gaskets
- Anodized aluminium heat sink
- M12 metallic cable gland
- Driver IP54 included
- LED's circuit powered at 700mA

Top cover

- Anodised and painted die-cast aluminium top cover

Lens

- 60° beam optics
- Non yellowing, transparent PMMA (acrylic) lens

Reflector

- Painted reflector in reinforced thermoplastic

Housing

- Anodised and painted extruded aluminium housing

Base

- Reinforced thermoplastic base for plinth/floor installation, or for installation on a Ø60mm pole

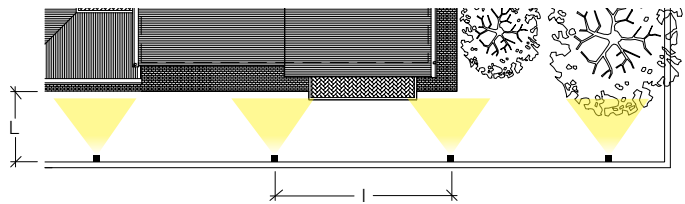
L = Width (m)

I = Pole spacing (m)

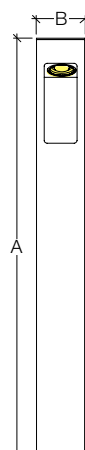
Emed = Average illuminance (Lux)

Emin = Minimum illuminance (Lux)

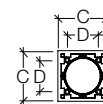
L m	I m	Emed Lux	Emin Lux	
8,4W	2,5	3	61	5



Dimensions	K/Power	Rust	Metallic grey RAL 9006	Anthracite RAL 7016 textured	
85x85x475mm	● 4000K - 8,4W	1024.082J	1024.082M	1024.082S	1
	● 3000K - 8,4W	1024.084J	1024.084M	1024.084S	1
85x85x752mm	● 4000K - 8,4W	1024.182J	1024.182M	1024.182S	1
	● 3000K - 8,4W	1024.184J	1024.184M	1024.184S	1



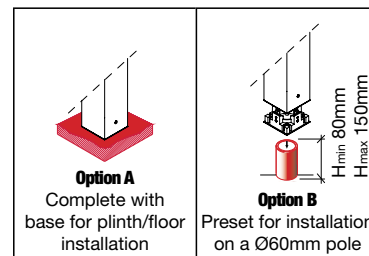
A - 475/752
B - 85x85
C - 85
D - 54
Fixing holes Ø5



CE Compliance with EU regulatory requirements

Colors:

- Anthracite RAL 7016
- Grey RAL 9006
- Rust



Warm

Cold

H2O Stop

IK

Insulation class

Guarantee

3000K/4000K

IP65

IK06

□

5 years



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LUMINAIRE

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Delux Service 1/2/3

Technical details

- Energy and service distribution bollard in two heights 550mm, 752mm for the mains connection of portable appliances, gardens tools, phones, etc.... Possible options: emergency light, USB port, motion sensor
- Preset for installation on a Ø60mm pole
- Preset for 2,4,6 modules
- Polyester powder coating after specific weathering resistance treatment
- A2 stainless steel screws
- IP55 (with front cover closed)

Top cover

- Anodised and painted die-cast aluminium top cover

Housing


- Anodised and painted extruded aluminium housing



Base

- Reinforced thermoplastic base for plinth/floor installation, or for installation on a Ø60mm pole




Modules

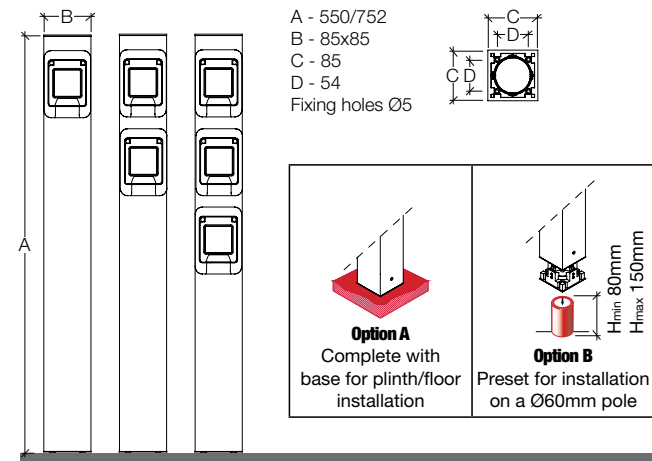
- SCHUKO power socket - 2 modules (1 panel)
- Removable torch - 2 modules (1 panel)
- USB port - 1 module (half a panel)
- Motion sensor - 1 module (half a panel)
- Blanking module - 1 module (half a panel)
- 1P 10A way switch - 1 module (half a panel)
- Modules to be installed by the installer

Dimensions	Rust	Metallic grey RAL 9006	Anthracite RAL 7016 textured	
Delux service 1 H=550mm	1025.400J	1025.400M	1025.400S	1
Delux service 1 H=752mm	1025.100J	1025.100M	1025.100S	1
Delux service 2 H=550mm	1025.500J	1025.500M	1025.500S	1
Delux service 2 H=752mm	1025.200J	1025.200M	1025.200S	1
Delux service 3 H=550mm	1025.600J	1025.600M	1025.600S	1
Delux service 3 H=752mm	1025.300J	1025.300M	1025.300S	1

	Modules	Code	
 Compliance with EU regulatory requirements	Universal SCHUKO socket	1025.0001	1
	Blanking module	1025.0002	1
	Removable torch	1025.0003	1
	USB port	1025.0004	1
	Motion sensor	1025.0005	1
	1P 10A way switch	1025.0006	1

Colors:

-  Anthracite RAL 7016
-  Grey RAL 9006
-  Rust



H2O Stop



IK



Insulation class



Guarantee

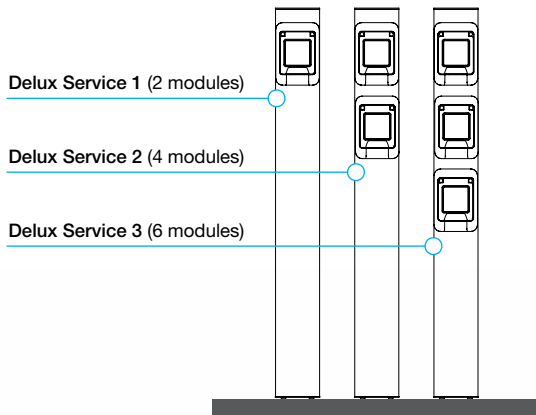
IP55

IK06



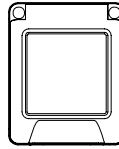
5 years

First step: Choose the quantity of panels (1, 2 or 3) according to your needs



Second step: Select the modules among the ones that are available

- IP55 waterproof panel, 2 modules, Eikon, Arké and Plana Vimar®/Perry® series



Universal SCHUKO socket - 2 modules (1 panel)

- Socket 2P+T 16A 250V~universal, for europlugs 2P 2,5A
- Socket 2P and 2P+T 10A and 16A Italian standard
- Socket 2P+T 16A German standard
- It does not make the earth connection with the socket 2P+T 16A 250V~ French standard



Blanking module - 1 module (half a panel)

- Blanking module



Removable torch - 2 modules (1 panel)

- LED 0,5W 20Lm, it switches on when the power supply fails
- IP20
- Class 2
- Removable and complete with on-off switch
- Equipped with anti-theft screw



USB port - 1 module (half a panel)

- Power supply unit 5V 1.5A for electronic devices
- 1 USB output, type A
- Power supply 120-230V~ 50/60Hz



Motion sensor - 1 module (half a panel)

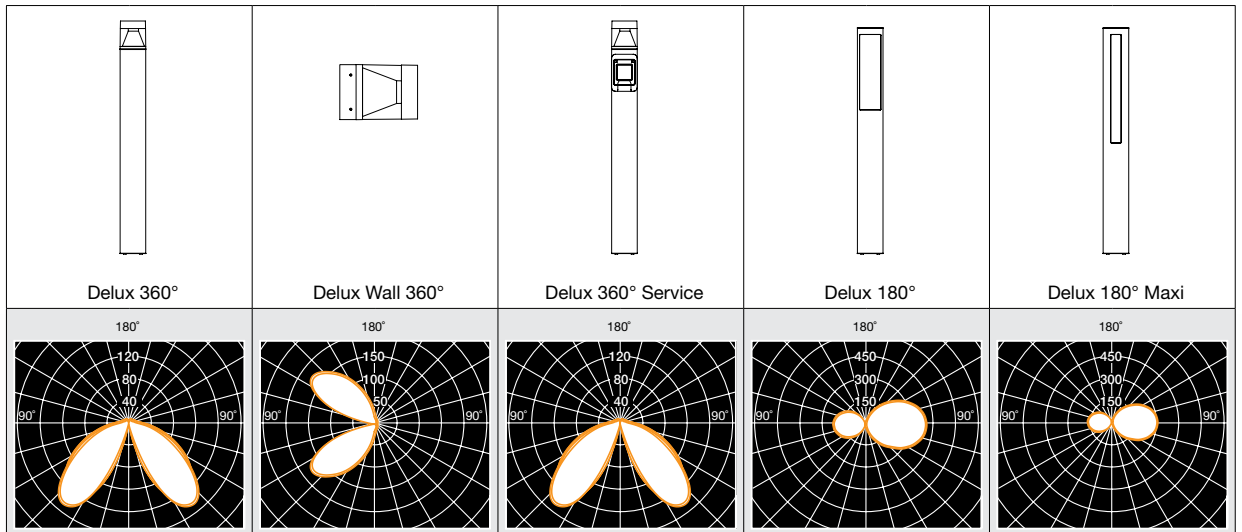
- Switch with infrared motion sensor for turning on the lights, twilight sensor threshold regulation, and cycle timing control
- Relè output NO 6A 230V~
- Power supply 230V~ 50-60Hz



Switch - 1 module (half a panel)

- 1P 10 AX 250V~1-way switch, lightable, replaceable button
- Max 100W for self-ballasted lamps





Wall installation		--		--	--	--	--	--	--	--	
Ground installation			--								
In conformity with EU Directives											
Insulation class											
Voltage		220-240V 50/60Hz		220-240V 50/60Hz		220-240V 50/60Hz		220-240V 50/60Hz		220-240V 50/60Hz	
Step MacAdam		3		3		3		3		3	
Life time		L70>54Kh-Tc 105°C		L70>54Kh-Tc 105°C		L70>60Kh-Tc 105°C		L70>60Kh-Tc 105°C		L70>60Kh-Tc 105°C	
Colour temperature											
Luminaire output		10W 663 lm	10W 663 lm	10W 663 lm	10W 663 lm	10W 663 lm	10W 663 lm	10W 869 lm	10W 869 lm	10W 710 lm	10W 710 lm
IP (Protection degree)		IP65		IP65		IP55		IP65		IP65	
IK (Impact resistance)		IK04		IK04		IK04		IK06		IK06	
Year warranty											
Photobiological risk											
Pre-wired with:		15cm cable H05RN-F 3x0,75mm²		90cm cable H05RN-F 3x0,75mm²		15cm cable H05RN-F 3x0,75mm²		25cm cable H05RN-F 2x0,75mm²		25cm cable H05RN-F 2x0,75mm²	
CRI		>80		>80		>80		>80		>80	
Connector IP68 CS093000 (linear) and CS093001 ("T"-3 ways) not included											
		The "T"-3 ways and linear IP68 connector can be placed inside the luminaire		The "T"-3 ways and linear IP68 connector cannot be placed inside the luminaire		The "T"-3 ways and linear IP68 connector can be placed inside the luminaire		The "T"-3 ways and linear IP68 connector can be placed inside the luminaire		The "T"-3 ways and linear IP68 connector can be placed inside the luminaire	

							
Delux 90°		Delux Indi		Delux Service		Delux Round	
							
--		--		--		--	
✓		✓		✓		✓	
✓		✓		✓		✓	
⊕		⊕		--		⊕	
220-240V 50/60Hz		90-264V 50/60Hz		--		220-240V 50/60Hz	
3		3		--		3	
L70>60Kh - Tc 105°C		L90>50Kh - Tc 105°C		--		L70/B50>54Kh - Tc 105°C	
● 3000K	● 4000K	● 3000K	● 4000K	--		● 3000K	● 4000K
15W 969 lm	15W 969 lm	8,4W 572 lm	8,4W 589 lm	--		10W 663 lm	10W 663 lm
IP65		IP65		IP55		IP65	
IK03		IK06		IK06		IK04	
✓		✓		✓		✓	
✓		✓		--		✓	
25cm cable H05RN-F 3x0,75mm ²		25cm cable H05RN-F 2x0,75mm ²		--		15cm cable H05RN-F 3x0,75mm ²	
>80		>80		--		>80	
							
The "T"-3 ways and linear IP68 connector can be placed inside the luminaire		The "T"-3 ways and linear IP68 connector can be placed inside the luminaire		The "T"-3 ways and linear IP68 connector can be placed inside the luminaire		The "T"-3 ways and linear IP68 connector can be placed inside the luminaire	

Technical details

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LUX EST

M. Frau

Lux Est 85 All-light **118**

Lux Est 85 Semi-covered **118**

Lux Est 85 Wall/Ceiling **120**

Lux Est 85 Wall **120**

Lux Est 170 All-light **122**

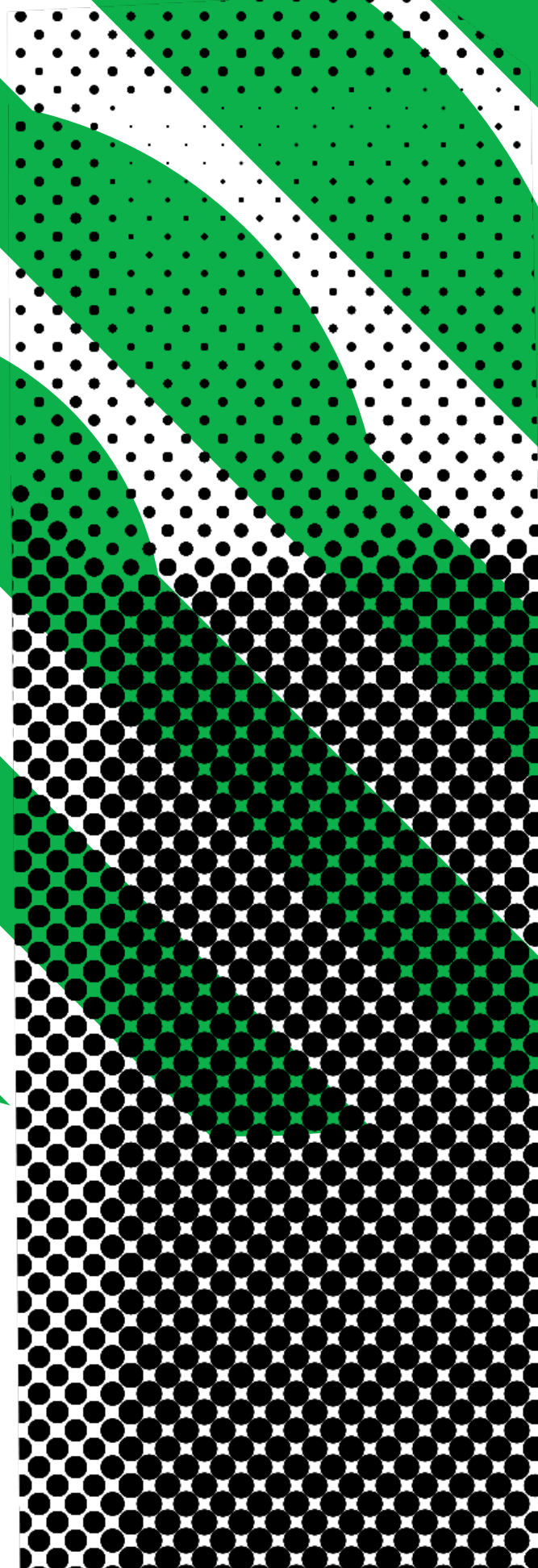
Lux Est 170 Semi-covered **122**

bollards and appliques

maarec



CO



outdoor residential luminaires



Lux Est 85 - All-light + Lux Est 85 - Semi-covered

Technical details

- Luminaire available in E27 versions in three heights, 425mm, 680mm and 1000mm, complete with base for plynth/floor installation
- Silicone gaskets
- Polyester powder coating after a treatment specific for weathering resistance
- Terminal block 2x2,5mm² IP68 for cables Ø5mm-Ø14mm positioned in the base for an easy installation
- Conforms to regional laws against light pollution
- A2 stainless steel screws

Diffuser

- Non yellowing translucent PMMA (acrylic) - all-light diffuser version
- Non yellowing translucent and painted PMMA (acrylic) - semi-covered diffuser version

Housing

- Extruded anodised aluminium housing in natural or painted finish (White/Anthracite/Rust)

Base

- Reinforced thermoplastic base


All-light

Dimensions	Power	White RAL 9003	Aluminium	Rust	Anthracite RAL 7016 textured	
85x85x425mm	max 21W - E27	1058.001B	1058.001G	1058.001J	1058.001S	1
85x85x680mm	max 21W - E27	1058.101B	1058.101G	1058.101J	1058.101S	1
85x85x1000mm	max 21W - E27	1058.201B	1058.201G	1058.201J	1058.201S	1



Semi-covered

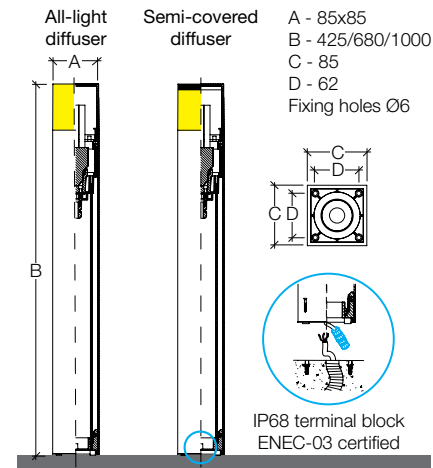
85x85x425mm	max 16W - E27	--	1058.501G	1058.501J	1058.501S	1
85x85x680mm	max 16W - E27	--	1058.601G	1058.601J	1058.601S	1
85x85x1000mm	max 16W - E27	--	1058.701G	1058.701J	1058.701S	1

CE Compliance with EU regulatory requirements

 Max lamp dimension allowed
16W - (Ø61 L136mm) - semi-covered
21W - (Ø61 L155mm) - all-light
Lamp not included

Colors:

-  Anthracite RAL 7016
-  Aluminum
-  Rust
-  White RAL 9003



H2O Stop



IK



Insulation class



Guarantee

IP65

IK06



5 years



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Lux Est 85 - Wall/Ceiling

Technical details

- Luminaire available in E27 versions complete with base for wall/ceiling installation
- Silicone gaskets
- Polyester powder coating after a treatment specific for weathering resistance
- A2 stainless steel screws

Diffuser





- Non yellowing translucent PMMA (acrylic) diffuser

Housing


- Extruded anodised aluminium housing in natural or painted finish (White/Anthracite/Rust)


Base for wall/ceiling installation

- Reinforced thermoplastic base for wall/ceiling installation

 IP43	 IP40	 Power	White RAL 9003	Aluminium	Rust	Anthracite RAL 7016 textured	
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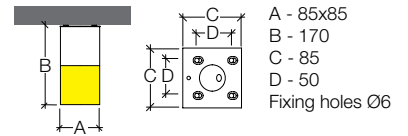
max 12W - E27 0157.101B 0157.101G 0157.101J 0157.101S 1

 Compliance with EU regulatory requirements

 Max lamp dimension allowed (Ø65 L110mm)
Lamp not included

Colors:

-  Anthracite RAL 7016
-  Aluminum
-  Rust
-  White RAL 9003



			
H2O Stop	IK	Insulation class	Guarantee
IP40/43	IK06		5 years

Lux Est 85 - Wall

Technical details

- Luminaire available in E27 versions complete with base for wall installation
- Silicone gaskets
- Polyester powder coating after a treatment specific for weathering resistance
- A2 stainless steel screws

Diffuser

- Non yellowing translucent PMMA (acrylic) diffuser

Housing


- Extruded anodised aluminium housing in natural or painted finish (White/Anthracite/Rust)


Base for wall installation

- Reinforced thermoplastic base for wall installation





Power	White RAL 9003	Aluminium	Rust	Anthracite RAL 7016 textured	
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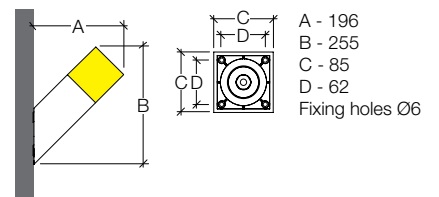
max 12W - E27 0158.101B 0158.101G 0158.101J 0158.101S 1






 Compliance with EU regulatory requirements

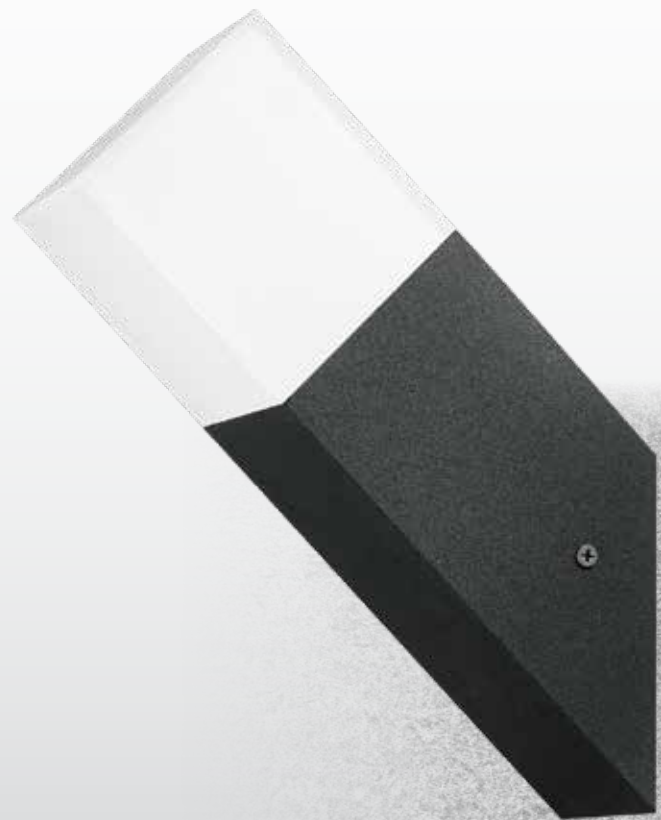
 Max lamp dimension allowed (Ø65 L155mm)
Lamp not included

Colors:

-  Anthracite RAL 7016
-  Aluminum
-  Rust
-  White RAL 9003



			
H2O Stop	IK	Insulation class	Guarantee
IP44	IK06		5 years



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LUMINAIRE

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Lux Est 170 - All-light + Lux Est 170 - Semi-covered

Technical details

- Luminaire available in E27 versions in three heights, 510mm, 765mm and 1085mm, complete with base for plynth/floor installation
- Silicone gaskets
- Polyester powder coating after a treatment specific for weathering resistance
- Terminal block 2x2,5mm² IP68 for cables Ø5mm - Ø14mm positioned in the base for an easy installation
- Conforms to regional laws against light pollution
- A2 stainless steel screws

Diffuser

- Non yellowing translucent PMMA (acrylic) - all-light diffuser version
- Non yellowing translucent and painted PMMA (acrylic) - semi-covered diffuser version

Housing

- Extruded anodised aluminium housing in natural or painted finish (White/Anthracite/Rust)

Base

- Reinforced thermoplastic base



All-light

Dimensions	Power	White RAL 9003	Aluminium	Rust	Anthracite RAL 7016 textured	
85x85x510mm	max 27W - E27	1059.001B	1059.001G	1059.001J	1059.001S	1
85x85x765mm	max 27W - E27	1059.101B	1059.101G	1059.101J	1059.101S	1
85x85x1085mm	max 27W - E27	1059.201B	1059.201G	1059.201J	1059.201S	1



Semi-covered

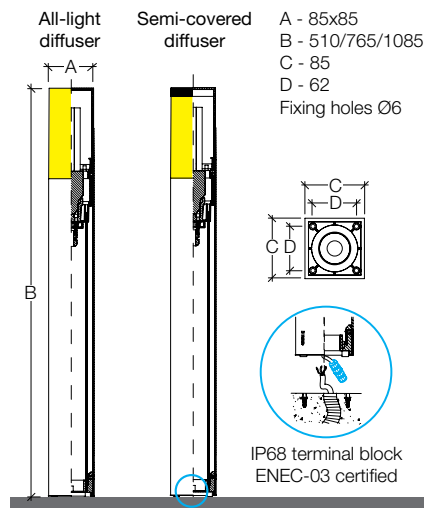
85x85x510mm	max 25W - E27	--	1059.501G	1059.501J	1059.501S	1
85x85x765mm	max 25W - E27	--	1059.601G	1059.601J	1059.601S	1
85x85x1085mm	max 25W - E27	--	1059.701G	1059.701J	1059.701S	1

CE Compliance with EU regulatory requirements

  Max lamp dimension allowed
27W - (Ø61 L210mm) - semi-covered
25W - (Ø61 L164mm) - all-light
Lamp not included

Colors:

-  Anthracite RAL 7016
-  Aluminum
-  Rust
-  White RAL 9003



H2O Stop



IK



Insulation class



Guarantee

IP65

IK06



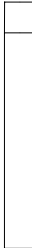
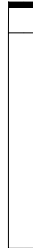

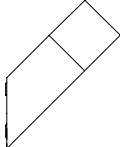

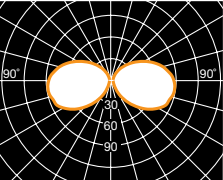
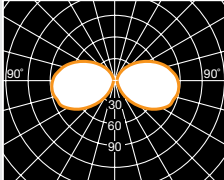
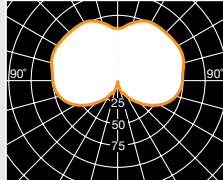
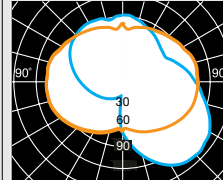
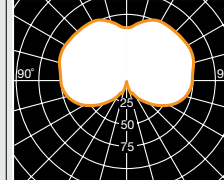


































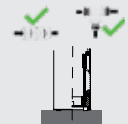

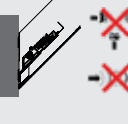
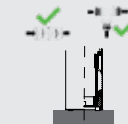
5 years


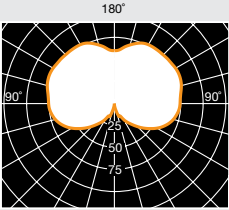
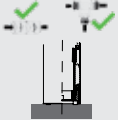


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		 Lux Est 85 All-light	 Lux Est 85 Semi-covered	 Lux Est 85 Wall/Ceiling	 Lux Est 85 Wall	 Lux Est 170 All-light
						
Ground installation				--	--	
Ceiling installation		--	--		--	--
Wall installation		--	--			--
In conformity with EU Directives						
Insulation class						
Voltage		250V max	250V max	250V max	250V max	250V max
Lamp holder		E27 - max 21W (Lamp not included)	E27 - max 16W (Lamp not included)	E27 - max 12W (Lamp not included)	E27 - max 12W (Lamp not included)	E27 - max 27W (Lamp not included)
IP (Protection degree)		IP65	IP65	IP40/43	IP44	IP65
IK (Impact resistance)		IK06	IK06	IK06	IK06	IK06
Year warranty						
Outward cable with tinned connector included IP68		20cm cable H05RN-F 2x0,75mm ²	20cm cable H05RN-F 2x0,75mm ²	--	--	20cm cable H05RN-F 2x0,75mm ²
Connector IP68 CS093000 (linear) and CS093001 ("T"-3 ways)		 The "T"-3 ways and linear IP68 connector can be placed inside the luminaire	 The "T"-3 ways and linear IP68 connector can be placed inside the luminaire	 The "T"-3 ways and linear IP68 connector cannot be placed inside the luminaire	 The "T"-3 ways and linear IP68 connector cannot be placed inside the luminaire	 The "T"-3 ways and linear IP68 connector can be placed inside the luminaire

	
<p>Lux Est 170 Semi-covered</p>	
	
✓	--
--	--
✓	--
□	--
250V max	
E27 - max 25W (Lamp not included)	
IP65	
IK06	
✓	--
20cm cable H05RN-F 2x0,75mm ²	
	
<p>The "T"-3 ways and linear IP68 connector can be placed inside the luminaire</p>	

Technical details

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COLED

D. Bartolini

Coled round **128**

Coled square **130**

NEW STELO

M. Dipalo

New Stelo **132**

New Stelo Opaled **134**

New Stelo Traled **134**

EASY LUX

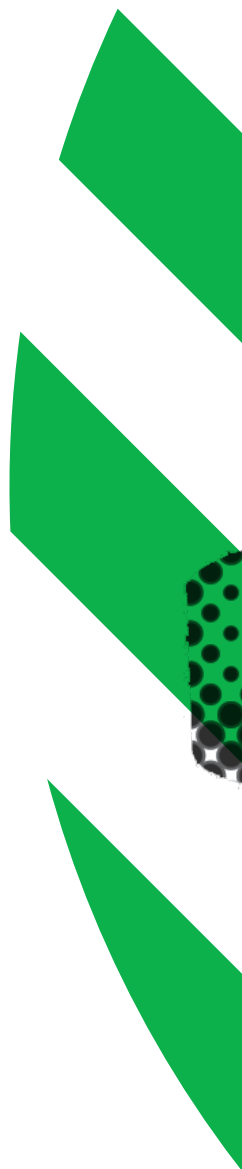
D. Bartolini

Easy Lux round **136**

Easy Lux square **138**

bollards

madareo



CO



outdoor residential luminaires



Coled Round

Technical details

- Led's luminaire in two heights, 700mm, 1000mm, complete with base for plinth/floor installation
- Silicone gaskets
- Polyester powder coating after a treatment specific for weathering resistance
- N°76 LED's and PCB in FR4
- LED's circuit mains powered
- A2 stainless steel screws
- Plastic PG9 cable gland with anti-condensation osmotic valve

Top cover

- Anodised and painted die-cast aluminium top cover

Diffuser






- Non yellowing traslucent PMMA (acrylic) diffuser

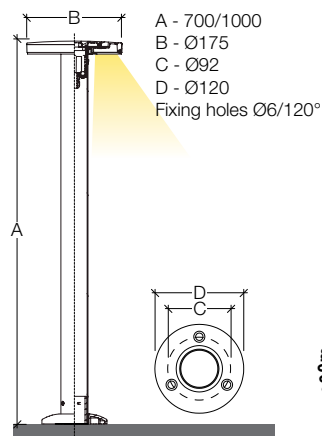
Housing


- Anodised and painted extruded aluminium housing

Base



- Painted reinforced thermoplastic base for plinth or floor installation

Dimensions	K/Power	Metallic grey RAL 9006	Anthracite RAL 7016 textured	
Ø175x700mm	 4000K - 15W	1061.282G	1061.282S	1
	 3000K - 15W	1061.284G	1061.284S	1
Ø175x1000mm	 4000K - 15W	1061.382G	1061.382S	1
	 3000K - 15W	1061.384G	1061.384S	1



 Compliance with EU regulatory requirements

Colors:

-  Anthracite RAL 7016
-  Grey RAL 9006

 Warm	 Cold	 H2O Stop	 IK	 Class	 Cut off	 Guarantee
3000K/4000K		IP65	IK05		Yes	5 years



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LUMINAIRE

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Coled Square

Technical details

- Led's luminaire in two heights, 700mm, 1000mm, complete with base for plinth/floor installation
- Silicone gaskets
- Polyester powder coating after a treatment specific for weathering resistance
- N°76 LED's and PCB in FR4
- LED's circuit mains powered
- A2 stainless steel screws
- Plastic PG9 cable gland with anti-condensation osmotic valve

Top cover

- Anodised and painted die-cast aluminium top cover

Diffuser

- Non yellowing traslucent PMMA (acrylic) diffuser

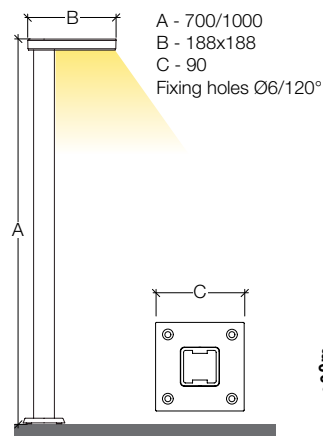
Housing

- Anodised and painted extruded aluminium housing

Base

- Painted reinforced thermoplastic base for plinth or floor installation

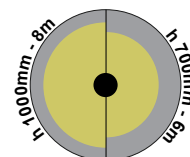
Dimensions	K/Power	Metallic grey RAL 9006	Anthracite RAL 7016 textured	
188x188x700mm	4000K - 15W	1063.282G	1063.282S	1
	3000K - 15W	1063.284G	1063.284S	1
188x188x1000mm	4000K - 15W	1063.382G	1063.382S	1
	3000K - 15W	1063.384G	1063.384S	1



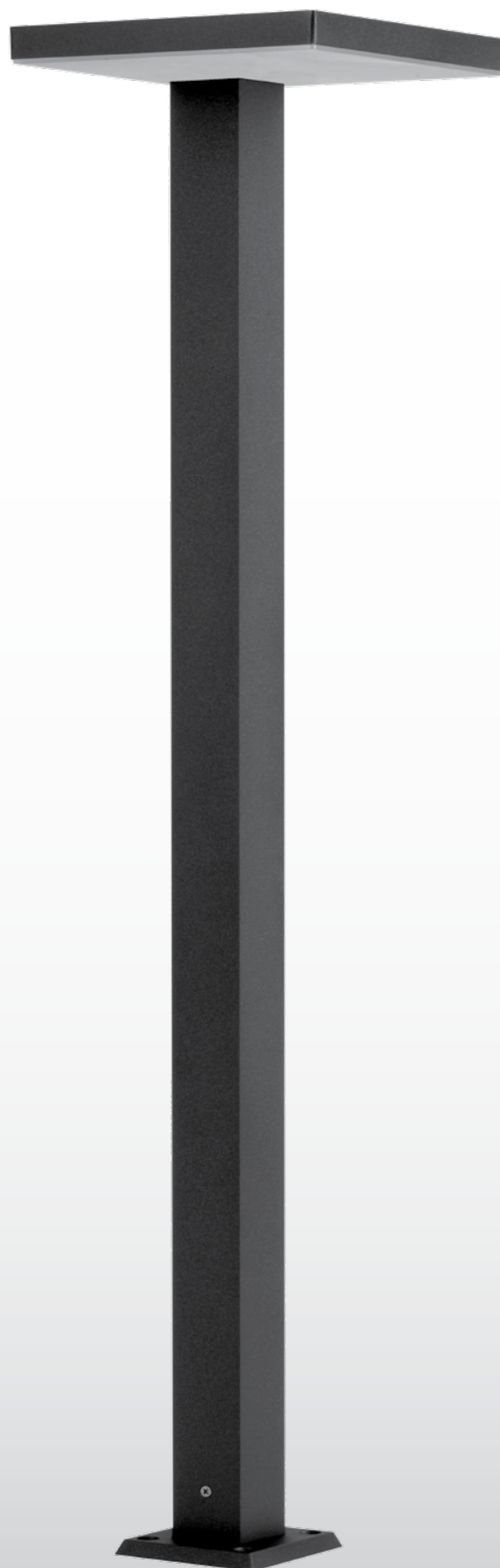
Compliance with EU regulatory requirements

Colors:

- Anthracite RAL 7016
- Grey RAL 9006



Warm	Cold	H2O Stop	IK	Class	Cut off	Guarantee
3000K/4000K		IP65	IK03		Yes	5 years



OUTDOOR RESIDENTIAL
LUMINAIRE

MADE IN ITALY

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New Stelo

Technical details

- Luminaire available in E27 versions in two heights, 590mm, 900mm complete with base for plinth/floor installation
- Silicone gaskets
- Polyester powder coating after a treatment specific for weathering resistance
- A2 stainless steel screws
- Plastic PG9 cable gland with anti-condensation osmotic valve

Diffuser

- Non yellowing traslucent PMMA (acrylic) diffuser

Housing

- Stainless steel AISI 304 housing (coated version in metallic grey RAL 9006 and black textured)
- Stainless steel AISI 316L housing (stainless steel version)

Base

- Stainless steel AISI 304 base (coated version in metallic grey RAL 9006 and black textured)
- Stainless steel AISI 316L base (stainless steel version)

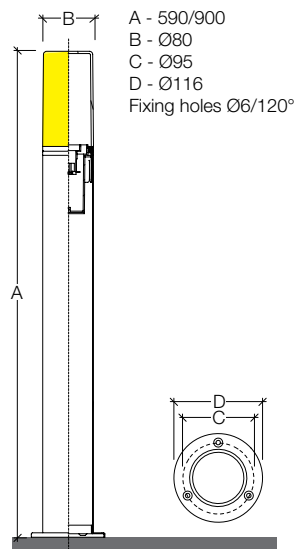
Dimensions	Power	Metallic grey RAL 9006	Black textured	AISI 316 L stainless steel	
Ø80x590mm	max 11W - E27	1051.101M	1051.101N	1051.101A	1
Ø80x900mm	max 11W - E27	1051.201M	1051.201N	1051.201A	1



E27 tubular LED lamp
recommended



Max lamp dimension allowed
(Ø60 L115mm)
Lamp not included



CE Compliance with EU
regulatory requirements

Colors:

- Anthracite RAL 7016
- Grey RAL 9006
- AISI 316L stainless steel



H2O Stop

IP65



IK

IK02



Insulation class

Class



Guarantee

5 years



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LUMINAIRE

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New Stelo Opaled + New Stelo Traled

Technical details

- Led's luminaire in two heights, 590mm, 900mm complete with base for plinth/floor installation
- Silicone gaskets
- Anodized aluminium heat sink
- N°12 LED's powered at 350mA and PCB in IMS
- Polyester powder coating after a treatment specific for weathering resistance
- A2 stainless steel screws
- Plastic PG9 cable gland with anti-condensation osmotic valve
- Built-in driver

Diffuser

- Non yellowing traslucent PMMA (acrylic) diffuser (New stelo opaled)
- Non yellowing transparent PMMA (acrylic) diffuser (New stelo traled)

Cone

- PC (polycarbonate) diffuser cone

Housing

- Stainless steel AISI 304 housing (coated version in metallic grey RAL 9006 and black textured)
- Stainless steel AISI 316L housing (stainless steel version)

Base

- Stainless steel AISI 304 base (coated version in metallic grey RAL 9006 and black textured)
- Stainless steel AISI 316L base (stainless steel version)

New Stelo Traled

Dimensions	K/Power	Metallic grey RAL 9006	Black textured	AISI 316 L stainless steel	
Ø80x590mm	● 4000K - 5,1W	1054.182M	1054.182N	1054.182A	1
	● 3000K - 5,1W	1054.184M	1054.184N	1054.184A	1
Ø80x900mm	● 4000K - 5,1W	1054.282M	1054.282N	1054.282A	1
	● 3000K - 5,1W	1054.284M	1054.284N	1054.284A	1

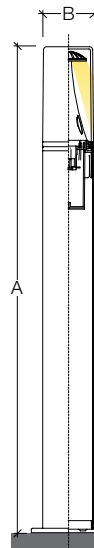
● Warm	● Cold	☒ H2O Stop	☒ IK	☒ Class	☒ Cut off	☒ 5 Guarantee
3000K/4000K		IP65	IK06	☐	Yes	5 years

New Stelo Opaled

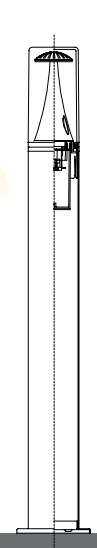
Dimensions	K/Power	Metallic grey RAL 9006	Black textured	AISI 316 L stainless steel	
Ø80x590mm	● 4000K - 5,1W	1051.182M	1051.182N	1051.182A	1
	● 3000K - 5,1W	1051.184M	1051.184N	1051.184A	1
Ø80x900mm	● 4000K - 5,1W	1051.282M	1051.282N	1051.282A	1
	● 3000K - 5,1W	1051.284M	1051.284N	1051.284A	1

● Warm	● Cold	☒ H2O Stop	☒ IK	☒ Class	☒ 5 Guarantee
3000K/4000K		IP65	IK02	☐	5 years

New stelo opaled



New stelo traled

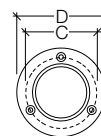
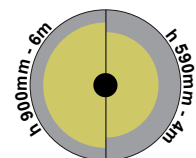


- A - 590/900
- B - Ø80
- C - Ø95
- D - Ø116
- Fixing holes Ø6/120°

CE Compliance with EU regulatory requirements

Colors:

- Black textured
- Grey RAL 9006
- AISI 316L stainless steel



new



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LUMINAIRE

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Easy Lux round

Technical details

- Luminaire available in E27 versions in two heights, 590mm, 900mm complete with base for plinth/floor installation
- Bollard in coloured PC (polycarbonate), self-extinguishing, UV-stabilised and highly resistance to weathering
- Particularly suitable for salty environments
- Coating with a treatment specific for weathering resistance
- Silicone gaskets
- A2 stainless steel screws
- Plastic PG9 cable gland with anti-condensation osmotic valve

Top cover

- PC (polycarbonate) top cover painted in metallic gray RAL 9006, rust, black

Diffuser

- Non yellowing traslucent PMMA (acrylic) diffuser
- 180° painted stainless steel light deflector (optional)

Housing

- PC (polycarbonate) housing, in metallic gray RAL 9006, rust, black

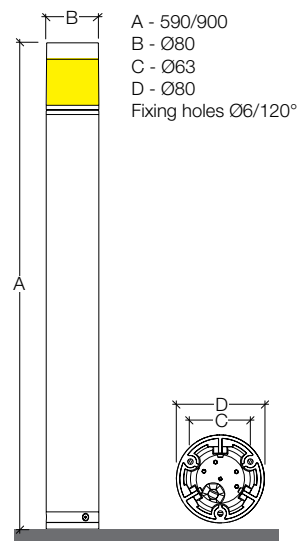
Base

- PC (polycarbonate) base in black for plinth/floor installation

Dimensions	Power	Black	Rust	Metallic grey RAL 9006	
Ø80x590mm	max 10W - E27	1027.201N	1027.201J	1027.201M	1
Ø80x900mm	max 10W - E27	1027.301N	1027.301J	1027.301M	1

- Max lamp dimension allowed (Ø60 L110mm)
- Lamp not included

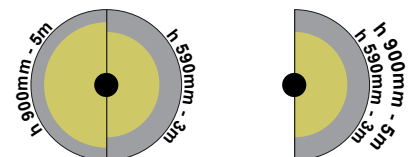
Optional accessory for light beam 180°	Code	
Accessory 180°	1026.000B	1



Compliance with EU regulatory requirements

Colors:

- Black
- Grey RAL 9006
- Rust



H2O Stop	IK	Insulation class	Guarantee	Yes
IP65	IK02		5 years	Yes



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Easy Lux square

Technical details

- Luminaire available in E27 versions in two heights, 590mm, 900mm complete with base for plinth/floor installation
- Bollard in coloured PC (polycarbonate), self-extinguishing, UV-stabilised and highly resistance to weathering
- Particularly suitable for salty environments
- Coating with a treatment specific for weathering resistance
- Silicone gaskets
- A2 stainless steel screws
- Plastic PG9 cable gland with anti-condensation osmotic valve

Top cover

- PC (polycarbonate) top cover painted in metallic grey RAL 9006, rust, black

Diffuser

- Non yellowing traslucent PMMA (acrylic) diffuser

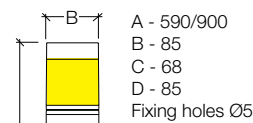
Housing

- PC (polycarbonate) housing, in metallic grey RAL 9006, rust, black

Base

- PC (polycarbonate) base in black for plinth/floor installation

Dimensions	Power	Black	Rust	Metallic grey RAL 9006	
85x85x590mm	max 10W - E27	1031.101N	1031.101J	1031.101M	1
85x85x900mm	max 10W - E27	1031.201N	1031.201J	1031.201M	1



Max lamp dimension allowed (Ø60 L110mm)
 Lamp not included



Compliance with EU regulatory requirements

Colors:



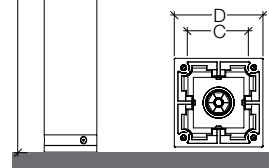
Black



Grey RAL 9006



Rust



H2O Stop

IP65



IK

IK02



Insulation class

□



Guarantee

5 years



Yes

Yes



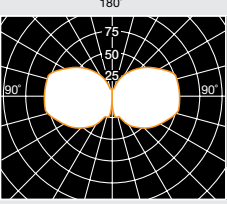
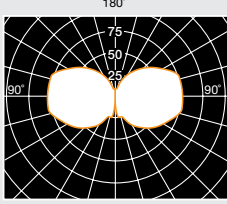








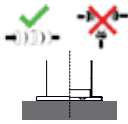
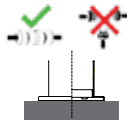


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LUMINAIRE

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		Coled Round		Coled Square		New Stelo		New Stelo Opaled		New Stelo Traled	
Ground installation		✓		✓		✓		✓		✓	
n conformity with EU Directives		✓		✓		✓		✓		✓	
Insulation class		⊕		⊕		□		□		□	
Voltage		220-240V 50/60Hz		220-240V 50/60Hz		250V max		100-240V 50/60Hz		100-240V 50/60Hz	
Step MacAdam		3		3		--		3		3	
Life time		L70>60Kh-Tc 105°C		L70>60Kh-Tc 105°C		--		L70=60Kh-Tc 105°C		L70=60Kh-Tc 105°C	
Colour temperature		3000K	4000K	3000K	4000K	--		3000K	4000K	3000K	4000K
Luminaire output		15W 1518 lm	15W 1518 lm	15W 1607 lm	15W 1607 lm	--		5,1W 459 lm	5,1W 487 lm	5,1W 525 lm	5,1W 557 lm
Lamp holder		--		--		E27 - max 11W (Lamp not included)		--		--	
IP (Protection degree)		IP65		IP65		IP65		IP65		IP65	
IK (Impact resistance)		IK05		IK03		IK02		IK02		IK06	
Year warranty		3		3		3		3		3	
Year warranty		✓		✓		✓		✓		✓	
Photobiological risk		✓		✓		--		✓		✓	
Pre-wired with:		10cm cable H05RN-F 3x0,75mm ²		10cm cable H05RN-F 3x0,75mm ²		35cm cable H05RN-F 2x0,75mm ²		35cm cable H05RN-F 2x0,75mm ²		35cm cable H05RN-F 2x0,75mm ²	
CRI		>80		>80		--		>80		>80	
Connector IP68 CS093000 (linear) and CS093001 ("T"-3 ways) not included											
		The "T"-3 ways IP68 connector cannot be placed inside the luminaire		The "T"-3 ways IP68 connector cannot be placed inside the luminaire		The "T"-3 ways IP68 connector cannot be placed inside the luminaire		The "T"-3 ways IP68 connector cannot be placed inside the luminaire		The "T"-3 ways IP68 connector cannot be placed inside the luminaire	

	
Easy Lux Round	Easy Lux Square
	
	
	
	
250V max	250V max
--	--
--	--
--	--
--	--
E27 - max 10W (Lamp not included)	E27 - max 10W (Lamp not included)
IP65	IP65
IK02	IK02
--	--
	
--	--
35cm cable H05RN-F 2x0,75mm ²	10cm cable H05RN-F 2x0,75mm ²
--	--
	
The "T"-3 ways IP68 connector cannot be placed inside the luminaire	The "T"-3 ways IP68 connector cannot be placed inside the luminaire

Technical details

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LUMINAIRE

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M. Dipalo

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P.L. Freschi

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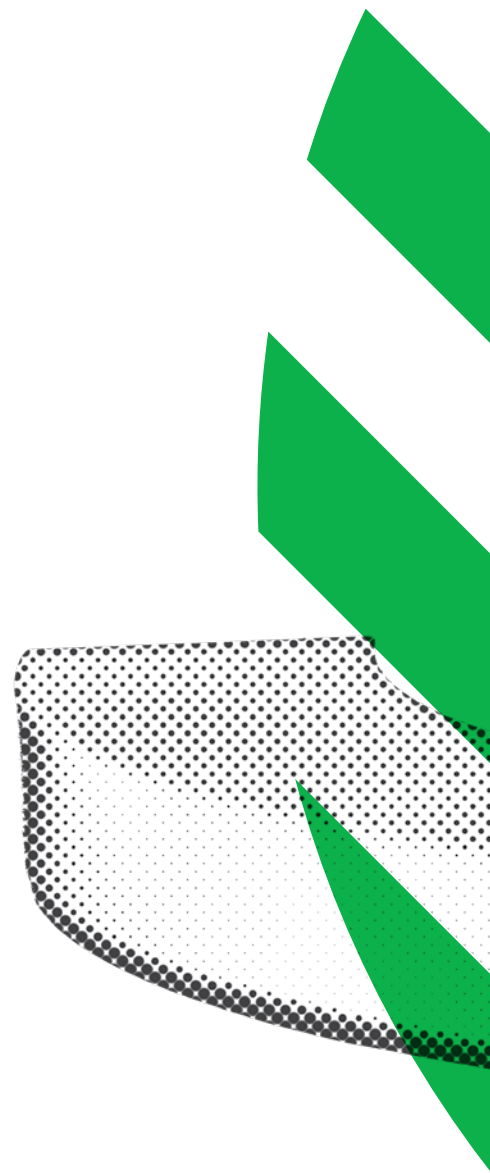
P.L. Freschi

VERSUS 176

M. Frau

head-poles Ø60mm

m m c



mareco

outdoor residential luminaires





Coled TP

Technical details

- Led's luminaire for pole top use on Ø60mm poles with max thickness 3mm
- Silicone gaskets
- Polyester powder coating after a treatment specific for weathering resistance
- A2 stainless steel screws
- N°76 LED's and PCB in FR4
- LED's circuit mains powered
- Plastic PG9 cable gland with anti-condensation osmotic valve
- Stainless steel AISI 301 fixing clips for pole fixing

Top cover


- Anodised and painted die-cast aluminium top cover

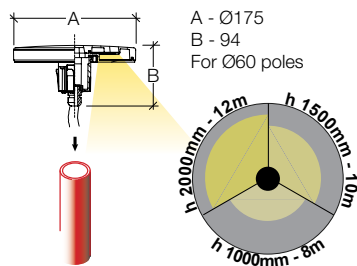
Diffuser


- Non yellowing traslucent PMMA (acrylic) diffuser

Pole connection





- Pole connection in reinforced thermoplastic in black granule


K/Power	Rust	Metallic grey RAL 9006	Anthracite RAL 7016 textured	Black textured	
● 4000K - 15W	1062.182J	1062.182G	1062.182S	1062.182N	1
● 3000K - 15W	1062.184J	1062.184G	1062.184S	1062.184N	1











 Compliance with EU regulatory requirements

Colors:

-  Anthracite RAL 7016
-  Grey RAL 9006
-  Rust
-  Black textured

 Max pole thickness 3mm

 Warm	 Cold	 H2O Stop	 IK	 Insulation class	 Cut off	 5
3000K/4000K		IP65	IK05		Yes	5 years



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New Stelo TP

Technical details

- Luminaire available in E27 version for pole top use on Ø60mm poles with max thickness 3mm
- Silicone gaskets
- A2 stainless steel screws
- Plastic PG9 cable gland with anti-condensation osmotic valve
- Stainless steel AISI 301 fixing clips for pole fixing

Diffuser

- Non yellowing opal PMMA (acrylic) diffuser

Pole connection

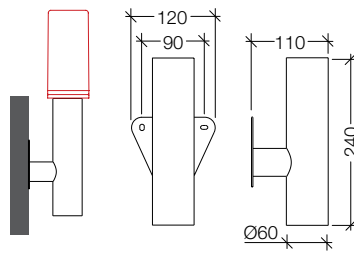
- PC (polycarbonate) pole connection in black granule

Optional accessory (to be ordered separately)

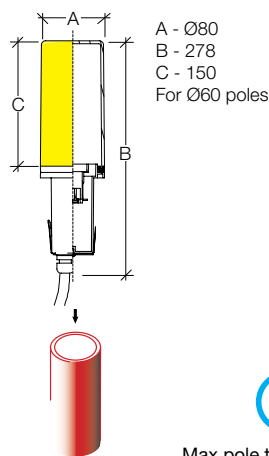
- Accessory for wall mounting
- Hot dipped galvanised steel bracket 75µm UNI EN 1461

Power	Code	Image	Notes
max 11W - E27	1053.101N 1		Max lamp dimension allowed (Ø60 L115mm) Lamp not included
			E27 tubular LED lamp recommended

Dimensions	Color	Image
120x240x110mm	Black textured	



Fixing holes Ø6.5mm



CE Compliance with EU regulatory requirements

Color:
 Translucent

H2O Stop	IK	Insulation class	Guarantee	Yes
IP65	IK02		5 years	Yes



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New Stelo TP Opaled + New Stelo TP Traled

Technical details

- Led's luminaire for pole top use on Ø60mm poles with max thickness 3mm
- Silicone gaskets
- Anodized aluminium heat sink
- N°12 LED's and PCB in IMS
- A2 stainless steel screws
- Plastic PG9 cable gland with anti-condensation osmotic valve
- Stainless steel AISI 301 fixing clips for pole fixing
- Driver included

Diffuser

- Non yellowing traslucent PMMA (acrylic) diffuser (New stelo TP opaied)
- Non yellowing transparent PMMA (acrylic) diffuser (New stelo TP traied)

Cone

- PC (polycarbonate) diffuser cone in black granule

Pole connection

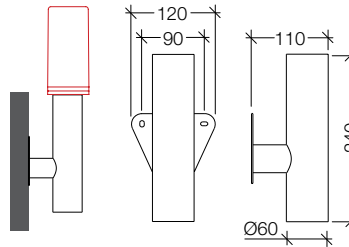
- PC (polycarbonate) pole connection in black granule

Optional accessory (to be ordered separately)

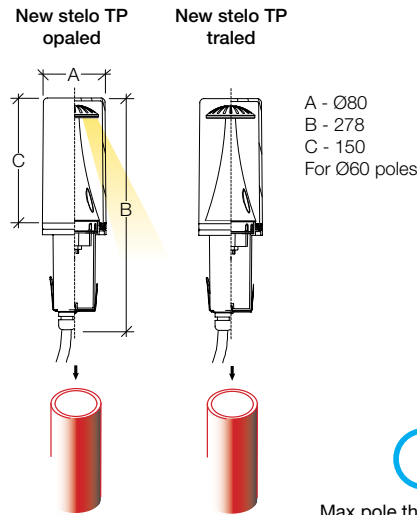
- Accessory for wall mounting
- Hot dipped galvanised steel bracket 75µm UNI EN 1461

K/Power	New Stelo TP Traled	New Stelo TP Opaied	
● 4000K - 5,1W	1052.182N	1053.182N	1
● 3000K - 5,1W	1052.184N	1053.184N	1

Dimensions	Black textured	
120x240x110mm	1053.000N	1



Fixing holes Ø6.5mm



CE Compliance with EU regulatory requirements

● Warm	● Cold	⚡ H2O Stop	🔌 IK	Class	🏠 Cut off	5 Guarantee	🚫
3000K/4000K	IP65	IK06 (Traled) IK02 (Opaied)	□	Yes (Traled)	5 years	Yes	



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Easy Lux TP

Technical details

- Luminaire available in E27 version for pole top use on Ø60mm poles with max thickness 3mm
- Silicone gaskets
- A2 stainless steel screws
- Plastic PG9 cable gland with anti-condensation osmotic valve
- Stainless steel AISI 301 fixing clips for pole fixing

Top cover

- PC (polycarbonate) top cover, in black granule

Diffuser

- Non yellowing translucent PMMA (acrylic) diffuser

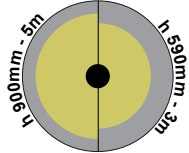
Pole connector

- PC (polycarbonate) pole adapter in black granule
- 180° painted stainless steel light deflector (optional)

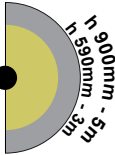
Optional accessory (to be ordered separately)

- Accessory for wall mounting
- Hot dipped galvanised steel bracket 75µm UNI EN 1461


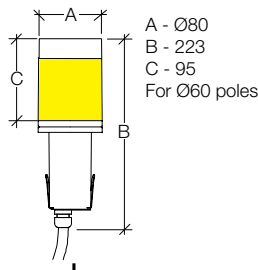
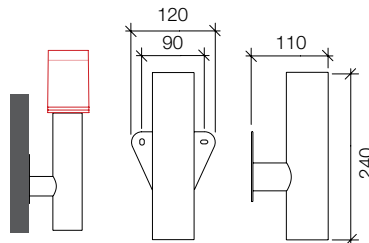
Power	Black	
max 10W - E27	1026.001N	1



Optional accessory for light beam 180°	Code	
Accessory 180°	1026.000B	1



Dimensions	Black textured	
120x240x110mm	1053.000N	1

Max lamp dimension allowed (Ø60 L110mm)
Lamp not included

Compliance with EU regulatory requirements

Colors:

Black



Max pole thickness 3mm



IP65



IK02



Insulation class



Guarantee

5 years



Yes



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Antera

Technical details

- Led's luminaire for pole top use on Ø60mm poles
- Polyester powder coating after a treatment specific for weathering resistance
- N°76 LED's circuit mains powered
- A2 stainless steel screws
- Metallic PG9 cable gland
- Expansion blocking system inside in black granule

Housing


- Anodised and painted die-cast aluminium housing

Diffuser

- Non yellowing opal PMMA (acrylic) diffuser

Pole connection

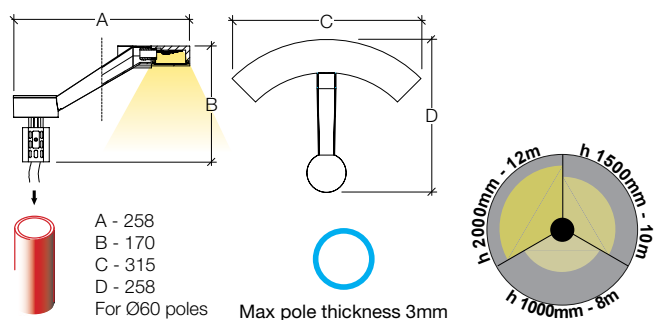
- Pole connection in anodised and painted die-cast aluminium









K/Power	Rust	Metallic grey RAL 9006	Anthracite RAL 7016 textured	Black textured 
● 4000K - 15W	1064.182J	1064.182G	1064.182S	1064.182N 1
● 3000K - 15W	1064.184J	1064.184G	1064.184S	1064.184N 1

 Compliance with EU regulatory requirements

Colors:

- Anthracite RAL 7016
- Grey RAL 9006
- Rust
- Black textured



 Warm	 Cold	 H2O Stop	 IK	 Insulation class	 Cut off	 5
3000K/4000K		IP65	IK03		Yes	5 years



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Tao

Technical details

- Luminaire available in Led's and E27 versions for pole top use on Ø60mm poles
- Silicone gaskets
- Polyester coating after a treatment specific for weathering resistance
- N°80 LED's powered at 500mA
- A2 stainless steel screws

Top cover

- Reinforced thermoplastic top cover in black granule, or metallic grey RAL 9006 and green painted

Diffuser

- Non yellowing opal PMMA (acrylic) diffuser

Housing

- Reinforced thermoplastic housing in black granule, or metallic grey RAL 9006 and green painted



I = Pole spacing (m)
 H = Height (m)
 L = Width (m)
Emed = Average illuminance (Lux)
Emin = Minimum illuminance (Lux)

	I m	H m	L m	Emed Lux	Emin Lux
14,2W	7	2	3	10	5

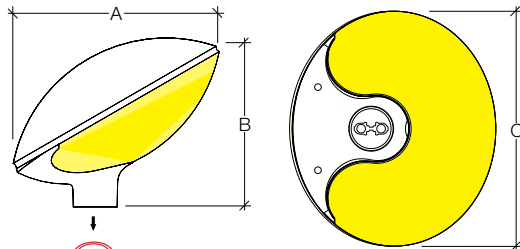
K/Power	Metallic grey RAL 9006	Black	Green	
● 4000K - 14,2W	1015.182M	1015.182N	1015.182V	1
● 3000K - 14,2W	1015.184M	1015.184N	1015.184V	1
max 30W - E27	1015.101M	1015.101N	1015.101V	1

Max lamp dimension allowed (Ø60 L190mm)
 Lamp not included

Compliance with EU regulatory requirements

Colors:

- Black
- Grey RAL 9006
- Green



A - 311
 B - 255
 C - 353
 For Ø60 poles

Warm	Cold	H2O Stop	IK	Insulation class	Guarantee	No fire
3000K/4000K		IP55	IK06		5 years	Yes



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Teo

Technical details

- Luminaire available in E27 version for pole top use on Ø60mm poles
- Silicone gaskets
- Polyester coating after a treatment specific for weathering resistance
- A2 stainless steel screws

Top cover



- Painted reinforced thermoplastic top cover

Diffuser

- Non yellowing opal PMMA (acrylic) diffuser


Housing

- Painted reinforced thermoplastic housing



Power	Metallic grey RAL 9006	Anthracite RAL 7016		 Compliance with EU regulatory requirements
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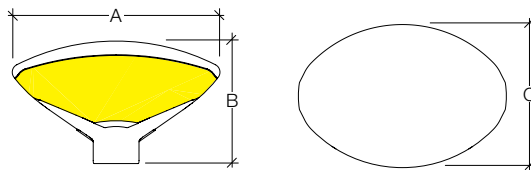
max 20W - E27 **1016.101M** **1016.101S** **1**

Colors:

 Anthracite RAL 7016

 Grey RAL 9006



  Max lamp dimension allowed
(Ø80 L160mm)
Lamp not included



A - 331
B - 195
C - 228
For Ø60 poles

 H2O Stop
IP54

 IK
IK06

 Class
Insulation class


 **5**
Guarantee
5 years

 Yes



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Zap

Technical details


- Luminaire available in E27 version for pole top use on Ø60mm poles
- Silicone gaskets
- A2 stainless steel screws


Diffuser

- Non yellowing opal PMMA (acrylic) diffuser

Housing



- Reinforced thermoplastic housing in black granule, or metallic grey RAL 9006 painted

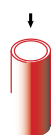
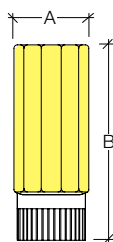
Power	Metallic grey RAL 9006	Black	
max 23W - E27	1310.101M	1310.101B	1

 Compliance with EU regulatory requirements

Colors:

-  Black
-  Grey RAL 9006



  Max lamp dimension allowed (Ø70 L150mm)
Lamp not included



A - Ø105
B - 300
For Ø60 poles

 H2O Stop
IP55

 IK
IK04

 Class
Insulation class


 3
Guarantee
3 years

 Yes



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Chone

Technical details

- Luminaire available in Led's and E27 versions for pole top use on Ø60mm poles
- Silicone gaskets
- Polyester coating after a treatment specific for weathering resistance
- A2 stainless steel screws
- Lampholder placed below the cap for a total harnessing of light (fluorescent version)
- Led's placed below the cap for a total harnessing of light (LED version)
- LED's circuit mains powered
- Integrated suppressor for power disturbances (LED)

Top cover

- Reinforced thermoplastic top cover in black granule, or metallic grey RAL 9006 painted

Diffuser

- Non yellowing transparent PMMA (acrylic) diffuser, internally prismatic




Cone


- PC (polycarbonate) diffuser cone in white granule

Housing

- Reinforced thermoplastic housing in black granule, or metallic grey RAL 9006 painted



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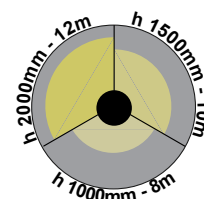
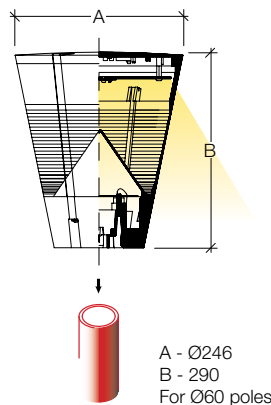
K/Power	Metallic grey RAL 9006	Black	
 4000K - 8W	1019.182M	1019.182N	1
 3000K - 8W	1019.184M	1019.184N	1
max 20W - E27	1019.101M	1019.101N	1

 Compliance with EU regulatory requirements

Colors:

-  Black
-  Grey RAL 9006

-  Max lamp dimension allowed (Ø58 L160mm)
-  Lamp not included



 Warm	 Cold	 H2O Stop	 IK	 Insulation class	 3	 Yes
3000K/4000K		IP54	IK08		3 years	



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Luna

Technical details

- Luminaire available in Led's and E27 versions for pole top use on Ø60mm poles with max thickness 3mm
- Silicone gaskets
- Coating with a treatment specific for weathering resistance
- A2 stainless steel screws
- Plastic PG9 cable gland with anti-condensation osmotic valve
- Stainless steel AISI 301 fixing clips for pole fixing
- N°35 LED's powered at 350mA and PCB in IMS
- Driver included (led version)

Top cover

- PC (polycarbonate) top cover painted in black, anthracite RAL 7016 textured, rust, metallic grey RAL 9006

Diffuser

- Non yellowing translucent PMMA (acrylic) diffuser

Housing

- PC (polycarbonate) housing painted in black, anthracite RAL 7016 textured, rust, metallic grey RAL 9006

Pole connection

- PC (polycarbonate) pole connection painted in black, anthracite RAL 7016 textured, rust, metallic grey RAL 9006

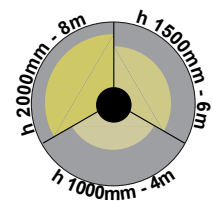
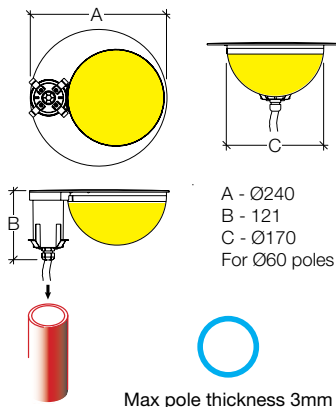
K/Power	Black	Anthracite RAL 7016 textured	Rust	Metallic grey RAL 9006	
● 4000K - 8,7W	1032.182N	1032.182S	1032.182J	1032.182M	1
● 3000K - 8,7W	1032.184N	1032.184S	1032.184J	1032.184M	1
max 10W - E27	1032.101N	1032.101S	1032.101J	1032.101M	1

Max lamp dimension allowed (Ø60 L110mm)
Lamp not included

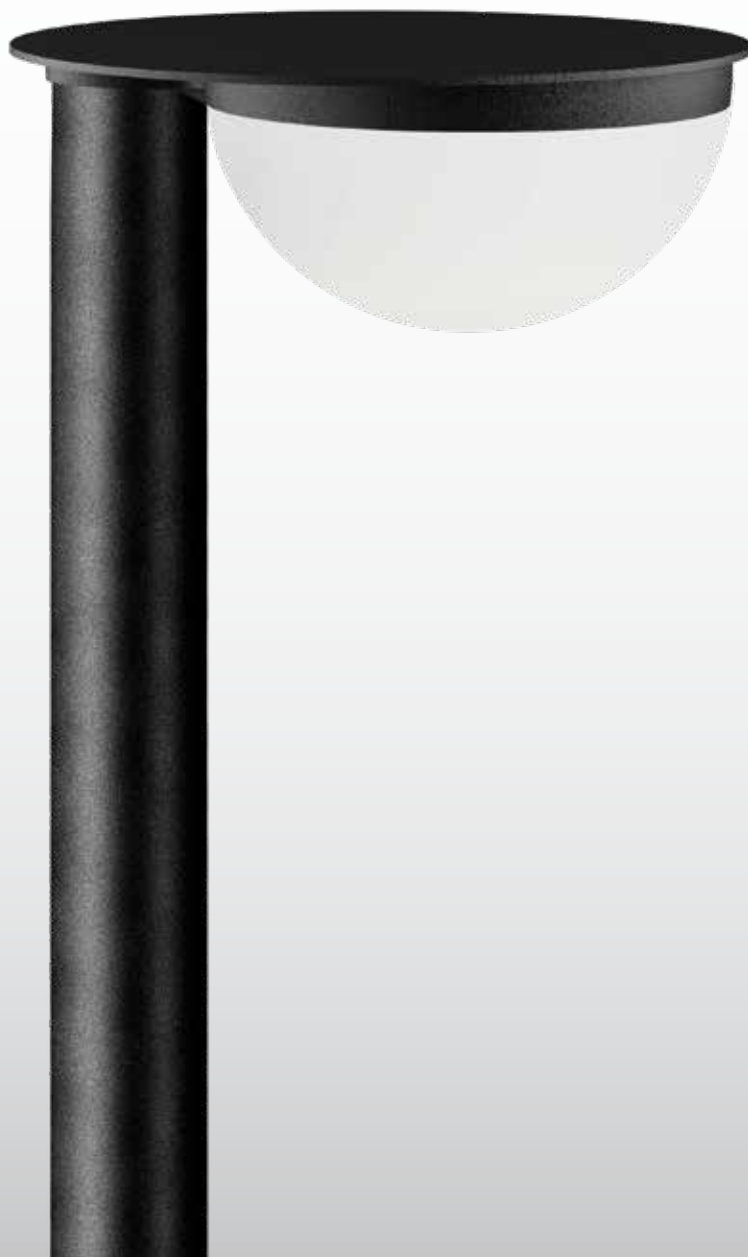
Compliance with EU regulatory requirements

Colors:

- Anthracite RAL 7016
- Grey RAL 9006
- Rust
- Black



Warm	Cold	H2O Stop	IK	Insulation class	Guarantee	
3000K/4000K		IP65	IK03		5 years	Yes



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Saturno

Technical details

- Luminaire available in E27 version for pole top use on Ø60mm poles with max thickness 3mm
- Silicone gaskets
- Coating with a treatment specific for weathering resistance
- A2 stainless steel screws
- Plastic PG9 cable gland with anti-condensation osmotic valve
- Stainless steel AISI 301 fixing clips for pole fixing

Top cover


- PC (polycarbonate) top cover painted in black, anthracite RAL 7016 textured, rust, metallic grey RAL 9006

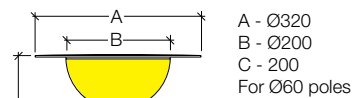
Diffuser



- Non yellowing translucent PMMA (acrylic) diffuser


Pole connection

- PC (polycarbonate) pole connection in black granule



Power	Black	Anthracite RAL 7016 textured	Rust	Metallic grey RAL 9006	
max 10W - E27	1033.101N	1033.101S	1033.101J	1033.101M	1



  Max lamp dimension allowed
(Ø60 L110mm)
Lamp not included

 Compliance with EU
regulatory requirements

Colors:

-  Anthracite RAL 7016
-  Grey RAL 9006
-  Rust
-  Black

Max pole thickness 3mm



H2O Stop

IP65



IK

IK02



Insulation class





Guarantee

5 years



Yes

Yes



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Febe

Technical details

- Luminaire available in E27 version for pole top use on Ø60mm poles with max thickness 3mm
- Silicone gaskets
- Coating with a treatment specific for weathering resistance
- A2 stainless steel screws
- Plastic PG9 cable gland with anti-condensation osmotic valve
- Stainless steel AISI 301 fixing clips for pole fixing

Top cover

- PC (polycarbonate) top cover painted in black, anthracite RAL 7016 textured, rust, metallic grey RAL 9006

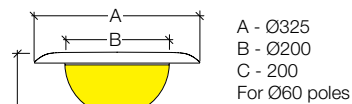
Diffuser



- Non yellowing translucent PMMA (acrylic) diffuser


Pole connection

- PC (polycarbonate) pole connection in black granule


Power	Black	Anthracite RAL 7016 textured	Rust	Metallic grey RAL 9006	
max 10W - E27	1081.101N	1081.101S	1081.101J	1081.101M	1



  Max lamp dimension allowed (Ø60 L110mm)
Lamp not included

 Compliance with EU regulatory requirements

Colors:

-  Anthracite RAL 7016
-  Grey RAL 9006
-  Rust
-  Black

Max pole thickness 3mm



IP65



IK02



5 years



Yes



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Urano

Technical details

- Luminaire available in E27 version for pole top use on Ø60mm poles with max thickness 3mm
- Silicone gaskets
- Coating with a treatment specific for weathering resistance
- A2 stainless steel screws
- Plastic PG9 cable gland with anti-condensation osmotic valve
- Stainless steel AISI 301 fixing clips for pole fixing

Top cover

- PC (polycarbonate) top cover painted in black, anthracite RAL 7016 textured, rust, metallic grey RAL 9006

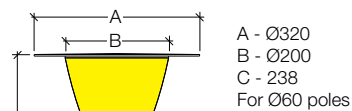
Diffuser



- Non yellowing translucent PMMA (acrylic) diffuser


Pole connection

- PC (polycarbonate) pole connection in black granule




Power	Black	Anthracite RAL 7016 textured	Rust	Metallic grey RAL 9006	
max 10W - E27	1082.101N	1082.101S	1082.101J	1082.101M	1



  Max lamp dimension allowed (Ø60 L125mm)
Lamp not included

 Compliance with EU regulatory requirements

Colors:

-  Anthracite RAL 7016
-  Grey RAL 9006
-  Rust
-  Black

Max pole thickness 3mm



H2O Stop

IP65



IK

IK03



Insulation class

□



Guarantee

5 years



Yes

Yes



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Bianca

Technical details

- Luminaire available in E27 version for pole top use on Ø60mm poles with max thickness 3mm
- Silicone gaskets
- Coating with a treatment specific for weathering resistance
- A2 stainless steel screws
- Plastic PG9 cable gland with anti-condensation osmotic valve
- Stainless steel AISI 301 fixing clips for pole fixing

Top cover

- PC (polycarbonate) top cover painted in black, anthracite RAL 7016 textured, rust, metallic grey RAL 9006

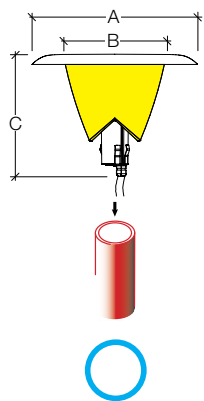
Diffuser

- Non yellowing translucent PMMA (acrylic) diffuser

Pole connection

- PC (polycarbonate) pole connection in black granule

Power	Black	Anthracite RAL 7016 textured	Rust	Metallic grey RAL 9006	
max 10W - E27	1083.101N	1083.101S	1083.101J	1083.101M	1



A - Ø325
B - Ø200
C - 238
For Ø60 poles



Max lamp dimension allowed (Ø60 L125mm)
Lamp not included



Compliance with EU regulatory requirements

Colors:

- Anthracite RAL 7016
- Grey RAL 9006
- Rust
- Black

Max pole thickness 3mm



H2O Stop

IP65



IK

IK03



Insulation class

□



Guarantee

5 years



Yes

Yes



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Atria

Technical details

- Luminaire available in E27 version for pole top use on Ø60mm poles with max thickness 3mm
- Silicone gaskets
- Coating with a treatment specific for weathering resistance
- A2 stainless steel screws
- Plastic PG9 cable gland with anti-condensation osmotic valve
- Stainless steel AISI 301 fixing clips for pole fixing

Top cover

- PC (polycarbonate) top cover painted in black, anthracite RAL 7016 textured, rust, metallic grey RAL 9006

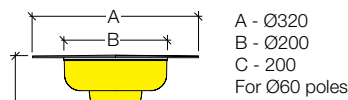
Diffuser

- Non yellowing translucent PMMA (acrylic) diffuser

Pole connection

- PC (polycarbonate) pole connection in black granule

Power	Black	Anthracite RAL 7016 textured	Rust	Metallic grey RAL 9006	
max 10W - E27	1084.101N	1084.101S	1084.101J	1084.101M	1



Max lamp dimension allowed (Ø60 L110mm)
Lamp not included

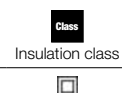
Compliance with EU regulatory requirements

Colors:

- Anthracite RAL 7016
- Grey RAL 9006
- Rust
- Black



Max pole thickness 3mm





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Mira

Technical details

- Luminaire available in E27 version for pole top use on Ø60mm poles with max thickness 3mm
- Silicone gaskets
- Coating with a treatment specific for weathering resistance
- A2 stainless steel screws
- Plastic PG9 cable gland with anti-condensation osmotic valve
- Stainless steel AISI 301 fixing clips for pole fixing

Top cover


- PC (polycarbonate) top cover painted in black, anthracite RAL 7016 textured, rust, metallic grey RAL 9006

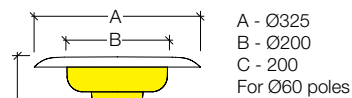
Diffuser



- Non yellowing translucent PMMA (acrylic) diffuser


Pole connection

- PC (polycarbonate) pole connection in black granule




Power	Black	Anthracite RAL 7016 textured	Rust	Metallic grey RAL 9006	
max 10W - E27	1085.101N	1085.101S	1085.101J	1085.101M	1



  Max lamp dimension allowed (Ø60 L110mm)
Lamp not included

 Compliance with EU regulatory requirements

Colors:

-  Anthracite RAL 7016
-  Grey RAL 9006
-  Rust
-  Black

Max pole thickness 3mm





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Versus

Technical details

- Luminaire available in Led's and E27 versions, for wall mounting and/or pole top use on Ø60mm poles through the suitable accessories
- Coating with a treatment specific for weathering resistance (anthracite RAL 7016, Gray RAL 9006, white)
- Silicone gaskets
- N°56 LED's powered at 500mA
- A2 stainless steel screws
- Driver included (Led version)

Diffuser

- Non yellowing traslucent PMMA (acrylic) diffuser

Wiring

- ON/OFF frontal light throw (E27 version)
- ON/OFF frontal light throw, with motion sensor, with auxiliary light, and with both motion sensor and auxiliary light (LED's versions)

Housing

- PC (polycarbonate) housing in black granule, or painted in anthracite RAL 7016 textured, rust, metallic grey RAL 9006, white (E27 and Up & Down versions)

Compulsory accessory (to be ordered separately)

- Single or double pole top in PC (polycarbonate) in black granule, or anthracite RAL 7016 textured, rust, metallic grey RAL 9006 painted

ON/OFF frontal light throw

Frontal light throw with motion sensor

Power	Black	Anthracite RAL 7016 textured	Rust	Metallic grey RAL 9006	
● 4000K - 12,3W	1011.17AN	1011.17AS	1011.17AJ	1011.17AM	1
● 3000K - 12,3W	1011.17BN	1011.17BS	1011.17BJ	1011.17BM	1

Frontal light throw with auxiliary light

● 4000K - 12,3W/1,8W	1011.16CN	1011.16CS	1011.16CJ	1011.16CM	1
● 3000K - 12,3W/1,8W	1011.16DN	1011.16DS	1011.16DJ	1011.16DM	1

Frontal light throw with both motion sensor and auxiliary light

● 4000K - 12,3W	1011.17CN	1011.17CS	1011.17CJ	1011.17CM	1
● 3000K - 12,3W	1011.17DN	1011.17DS	1011.17DJ	1011.17DM	1

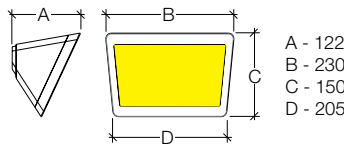
K/Power	Black	Anthracite RAL 7016 textured	Rust	Metallic grey RAL 9006	White	
● 4000K - 12,3W	1011.182N	1011.182S	1011.182J	1011.182M	--	1
● 3000K - 12,3W	1011.184N	1011.184S	1011.184J	1011.184M	--	1
max 10W - E27	1011.101N	1011.101S	1011.101J	1011.101M	1011.101B	1

Max lamp dimension allowed (Ø60 L110mm-E27) (L118mm-R7s)
Lamp not included

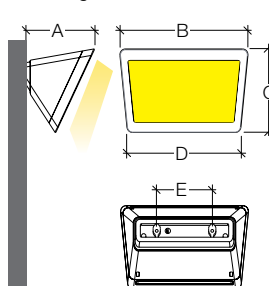
Compliance with EU regulatory requirements

Colors:

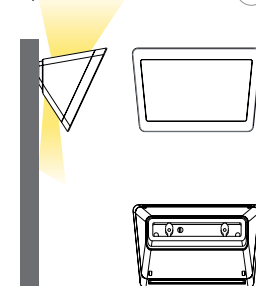
- Anthracite RAL 7016
- Grey RAL 9006
- Rust
- Black
- White



Frontal light throw



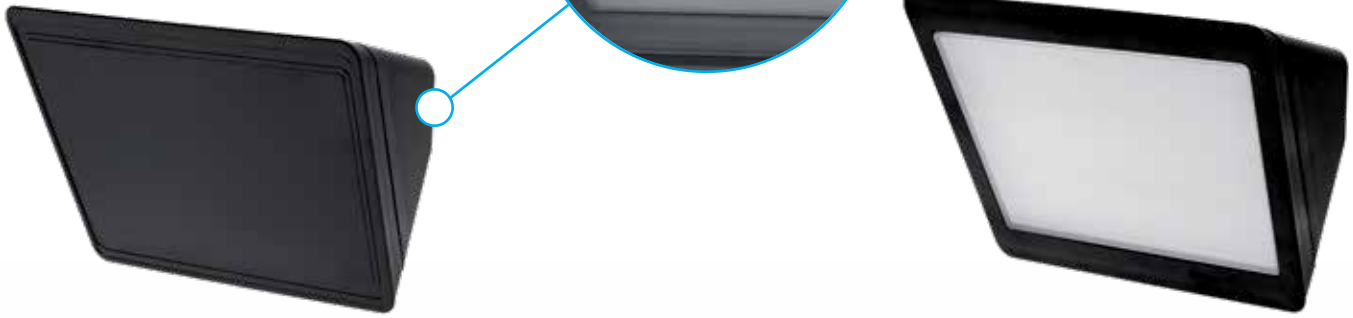
Up-Down



A - 122
B - 230
C - 150
D - 205
E - 100
Fixing holes Ø5

Warm	Cold	H2O Stop	IK	Insulation class	Guarantee	No fire
3000K/4000K		IP65	IK06	Class II	5 years	Yes

Up-Down

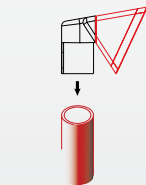
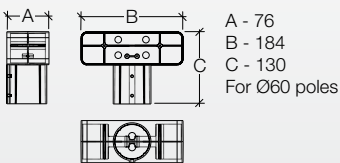


Up & Down

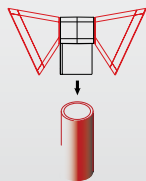
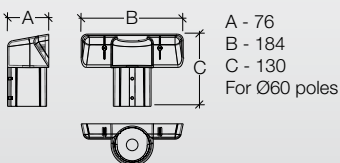
K/Power	Black	Anthracite RAL 7016 textured	Rust	Metallic grey RAL 9006	White	
max 14W - R7s	1012.178N	1012.178S	1012.178J	1012.178M	1012.178B	1



Golf - Pole-top adapter 1 light

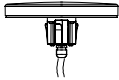

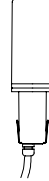

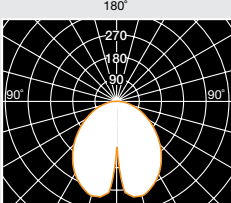
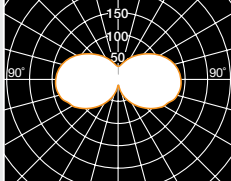
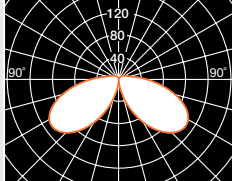
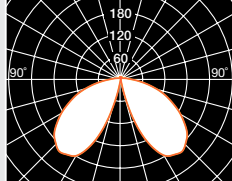

























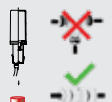
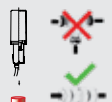
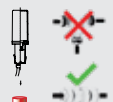


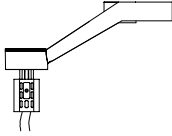
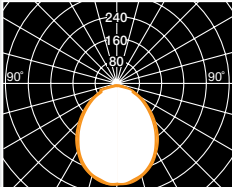
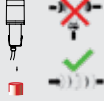

Golf - Pole-top adapter 2 lights



Compulsory accessory	Black	Anthracite RAL 7016 textured	Rust	Metallic grey RAL 9006	
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Golf - Pole-top adapter 1 light	1009.100N	1009.100S	1009.100J	1009.100M	4
Golf - Pole-top adapter 2 lights	1009.200N	1009.200S	1009.200J	1009.200M	4

		Coled TP		New Stelo TP		New Stelo TP Opaled		New Stelo TP Traled	
									
									
Ground installation		✓		✓		✓		✓	
Wall installation		--		✓		✓		✓	
In conformity with EU Directives		✓		✓		✓		✓	
Insulation class		⊕		□		□		□	
Voltage		220-240V 50/60Hz		250V max		100-240V 50/60Hz		100-240V 50/60Hz	
Step MacAdam		3		--		3		3	
Life time		L70>60Kh-Tc 105°C		--		L70=60Kh-Tc 105°C		L70=60Kh-Tc 105°C	
Colour temperature				--					
Luminaire output		15W 1518 lm	15W 1518 lm	--		5,1W 459 lm	5,1W 487 lm	5,1W 525 lm	5,1W 557 lm
Lamp holder		--		E27 - max 11W (lamp not included)		--		--	
IP (Protection degree)		IP65		IP65		IP65		IP65	
IK (Impact resistance)		IK05		IK02		IK02		IK06	
Year warranty		--		--		--		--	
Year warranty		✓		✓		✓		✓	
Photobiological risk		✓		--		✓		✓	
Pre-wired with:		100cm cable H05RN-F 3x0,75mm ²		35cm cable H05RN-F 2x0,75mm ²		35cm cable H05RN-F 2x0,75mm ²		35cm cable H05RN-F 2x0,75mm ²	
CRI		>80		--		>80		>80	
Connector IP68 CS093000 (linear) and CS093001 ("T"-3 ways) not included									
		The "T"-3 ways IP68 connector cannot be placed inside the pole Ø60mm		The "T"-3 ways IP68 connector cannot be placed inside the pole Ø60mm		The "T"-3 ways IP68 connector cannot be placed inside the pole Ø60mm		The "T"-3 ways IP68 connector cannot be placed inside the pole Ø60mm	

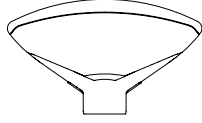
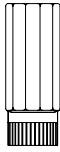
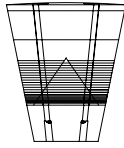
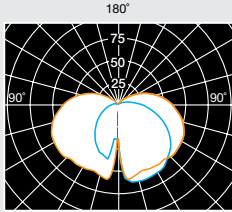
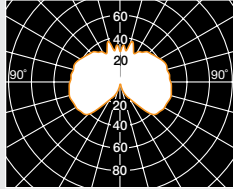
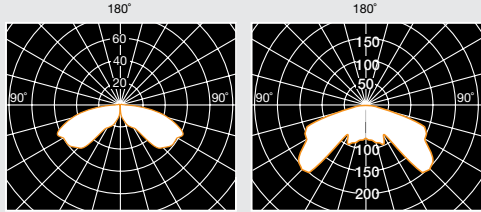

































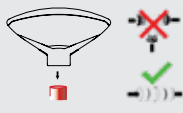
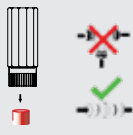
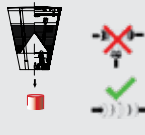
 Easy Lux TP	 Antera	 Tao	
		 30W - E27 14,2W - Led	
✓	✓	✓	
✓	--	--	
✓	✓	✓	
□	⊕	□	
250V max	220-240V 50/60Hz	250V max	220-240V 50/60Hz
--	3	--	3
--	L70>60Kh-Tc 105°C	--	L70>54Kh-Tc 85°C
--	● 3000K ● 4000K	--	● 3000K ● 4000K
--	15W 1007 lm 15W 1007 lm	--	14,2W 1644 lm 14,2W 1733 lm
E27 - max 10W (lamp not included)	--	E27 - max 30W (lamp not included)	--
IP65	IP65	IP55	
IK02	IK03	IK06	
--	--	--	
✓	✓	✓	
--	✓	--	✓
35cm cable H05RN-F 2x0,75mm ²	70cm cable H05RN-F 3x0,75mm ²	--	
--	>80	--	>80
 The "T"-3 ways IP68 connector cannot be placed inside the pole Ø60mm	 The "T"-3 ways IP68 connector cannot be placed inside the pole Ø60mm	 The "T"-3 ways IP68 connector cannot be placed inside the pole Ø60mm	

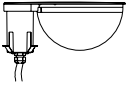
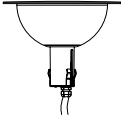
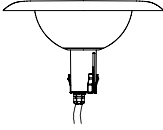
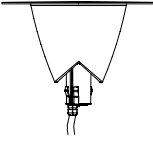
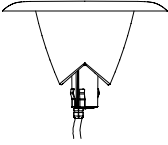
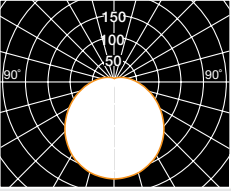
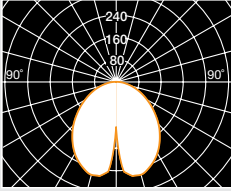
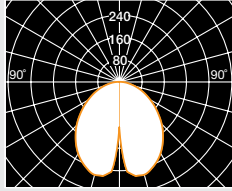
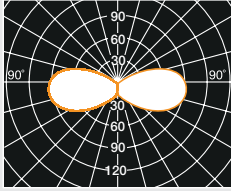
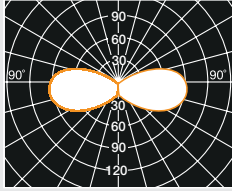




























Technical details

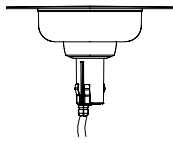

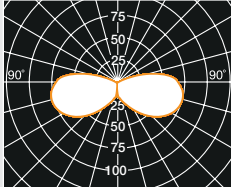













OUTDOOR RESIDENTIAL
LUMINAIRE

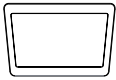
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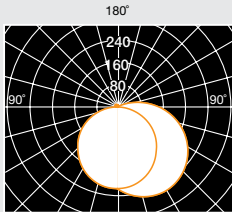
		 Teo	 Zap	 Chone
				
				20W - E27 8W - Led
Ground installation				
Wall installation		--	--	--
In conformity with EU Directives				
Insulation class				
Voltage		250V max	250V max	250V max 220-240V 50/60Hz
Step MacAdam		--	--	-- 3
Life time		--	--	L70/B50=54Kh-Tc 85°C
Colour temperature		--	--	--  3000K  4000K
Luminaire output		--	--	-- 8W 793 lm 8W 793 lm
Lamp holder		E27 - max 20W (lamp not included)	E27 - max 23W (lamp not included)	E27 - max 20W (lamp not included) --
IP (Protection degree)		IP54	IP55	IP54
IK (Impact resistance)		IK06	IK04	IK08
Year warranty		--		
Year warranty			--	--
Photobiological risk		--	--	-- 
Pre-wired with:		--	--	--
CRI		--	--	-- >80
Connector IP68 CS093000 (linear) and CS093001 ("T"-3 ways) not included 	 The "T"-3 ways IP68 connector cannot be placed inside the pole Ø60mm	 The "T"-3 ways IP68 connector cannot be placed inside the pole Ø60mm	 The "T"-3 ways IP68 connector cannot be placed inside the pole Ø60mm	

									
Luna		Saturno		Febe		Urano		Bianca	
									
10W - E27 + 8,7 Led									
									
--		--		--		--		--	
									
									
250V max	220-240V 50/60Hz	220-240V 50/60Hz		250V max		250V max		250V max	
--	3	--		--		--		--	
--	L70>54Kh-Tc 105°C	--		--		--		--	
--	 4000K  3000K	--		--		--		--	
--	8,7W 744 lm	8,7W 696 lm	--	--		--		--	
E27 - max 10W (lamp not included)	--	E27 - max 10W (lamp not included)		E27 - max 10W (lamp not included)		E27 - max 10W (lamp not included)		E27 - max 10W (lamp not included)	
IP65		IP65		IP65		IP65		IP65	
IK03		IK02		IK02		IK03		IK03	
--									
		--		--		--		--	
--		--		--		--		--	
35cm cable H05RN-F 2x0,75mm ²		35cm cable H05RN-F 2x0,75mm ²		35cm cable H05RN-F 2x0,75mm ²		35cm cable H05RN-F 2x0,75mm ²		35cm cable H05RN-F 2x0,75mm ²	
--	>80	--		--		--		--	
									
The "T"-3 ways IP68 connector cannot be placed inside the pole Ø60mm		The "T"-3 ways IP68 connector cannot be placed inside the pole Ø60mm		The "T"-3 ways IP68 connector cannot be placed inside the pole Ø60mm		The "T"-3 ways IP68 connector cannot be placed inside the pole Ø60mm		The "T"-3 ways IP68 connector cannot be placed inside the pole Ø60mm	

					
		Atria	Mira	Versus E27 - Up&Down R7s	
					
				E27	
Ground installation					
Wall installation		--	--		
In conformity with EU Directives					
Insulation class					
Voltage		250V max	250V max	250V max	
Step MacAdam		--	--	--	
Life time		--	--	--	
Colour temperature		--	--	--	
Luminaire output		--	--	--	
Lamp holder		E27 - max 10W (lamp not included)	E27 - max 10W (lamp not included)	E27 - max 10W (lamp not included)	R7s max 14W (lamp not included)
IP (Protection degree)		IP65	IP65	IP65	
IK (Impact resistance)		IK02	IK02	IK06	
Year warranty		--	--	--	
Year warranty					
Photobiological risk		--	--	--	
Pre-wired with:		35cm cable H05RN-F 2x0,75mm ²	35cm cable H05RN-F 2x0,75mm ²	--	
CRI		--	--	--	
Connector IP68 CS093000 (linear) and CS093001 ("T"-3 ways) not included		 The "T"-3 ways IP68 connector cannot be placed inside the pole Ø60mm	 The "T"-3 ways IP68 connector cannot be placed inside the pole Ø60mm	 The "T"-3 ways IP68 connector cannot be placed inside the pole Ø60mm	



Versus LED



220-240V 50/60Hz

3

L70>60Kh-Tc 105°C

Frontal light throw

Auxiliary light



3000K

4000K

3000K

4000K

12,3W
1063 lm

12,3W
1093 lm

2,3W
180 lm

2,3W
180 lm

E27 - max 10W
(lamp not included)

--

IP65

IK06

--



--

>80



The "T"-3 ways IP68 connector cannot be placed inside the pole Ø60mm

Technical details

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LUMINAIRE

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LIRA

D. Bartolini

Lira 40 Round/Square **186**

Lira 40 Directional **186**

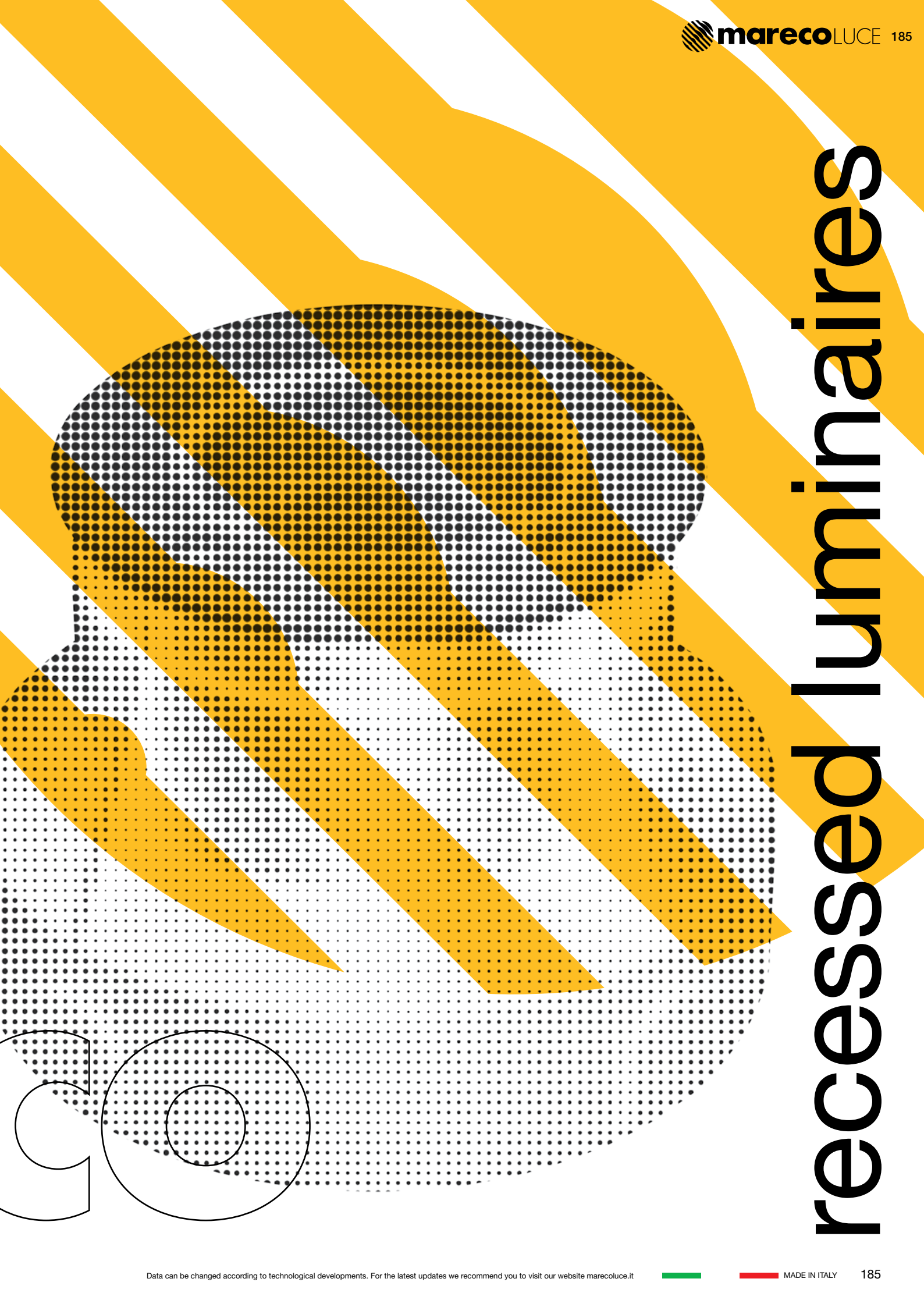
Lira 42 **190**

Lira 140 Round/Square **194**

recessed luminaires

maarec





CO

recessed luminaire



Lira 40 Round/Square/ Directional

Technical details

- IPSC Protected against: polarity reversal, overvoltage, short circuit
- Silicone gaskets
- A2 stainless steel screws
- Electronic driver (remote, to be ordered separately)

Ring

- AISI 316L stainless steel casting round ring (Lira 40 round)
- AISI 316L stainless steel casting square ring (Lira 40 square)
- AISI 316L stainless steel casting casting upper ring, 1-2-4 ways (Lira 40 directional)

Diffuser

- Flat, transparent, tempered glass diffuser, 5mm thick

Beams round and square

- 7° beam
- 22° beam
- 33° beam
- 9°x20° beam

Housing

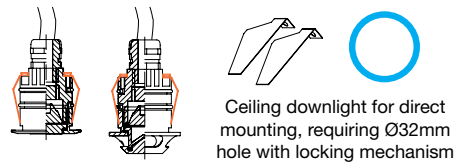
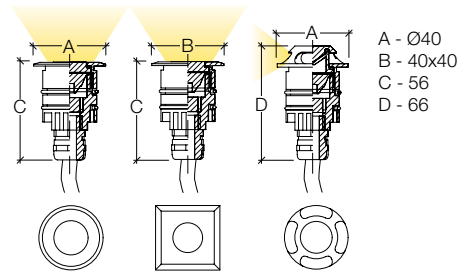
- AISI 316L stainless steel casting housing
- Metal PG9 cable gland

Compulsory accessories (to be ordered separately)

- Black circular reinforced thermoplastic recessed box Ø100x80mm closed above and below in order to facilitate concreting
- White opal tubular PVC recessed box Ø35x70mm
- False ceiling locking mechanism kit

Optional accessories (to be ordered separately)

- Electronic driver 350/500/700mA - 15W IP20 (remote):
 - 350mA: min 1 - max 12 luminaires
 - 500mA: min 1 - max 8 luminaires
 - 700mA: min 1 - max 6 luminaires
- IP68 connector
- "T"-3 ways IP68 connector



CE Compliance with EU regulatory requirements

Colors:

● AISI 316L stainless steel



Warm Cold
3000K/4000K



H2O Stop
IP67



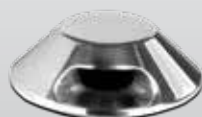
IK
IK08



Insulation class
Class



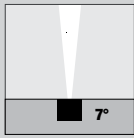
Guarantee
5 years



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RECESSED LUMINAIRE

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Beam 7° - Transparent diffuser

K/Power	Round	Square	
● 4000K - 1/2/3W	4040.182W	4042.182W	1
● 3000K - 1/2/3W	4040.184W	4042.184W	1

Compulsory accessories

	Code	
Circular recessed box Ø100x80mm	7000.0003	1
Tubular recessed box Ø35x70mm	7000.0007	1
False ceiling locking mechanism kit	4000.001W	1

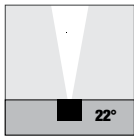
Optional accessories

	Code	
Driver 350/500/700mA - 15W	CS160024	1
IP68 connector	CS093000	1
"T"-3 ways IP68 connector	CS093001	1

H - Height
D - Diameter



H (m)	D (m)	Med Lux		
		350 mA	500 mA	700 mA
1	0,12	955	1286	1670
2	0,23	239	321	417
3	0,35	106	143	186
4	0,47	60	80	104
5	0,58	38	51	67



Beam 22° - Transparent diffuser

K/Power	Round	Square	
● 4000K - 1/2/3W	4040.282W	4042.282W	1
● 3000K - 1/2/3W	4040.284W	4042.284W	1

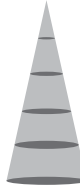
Compulsory accessories

	Code	
Circular recessed box Ø100x80mm	7000.0003	1
Tubular recessed box Ø35x70mm	7000.0007	1
False ceiling locking mechanism kit	4000.001W	1

Optional accessories

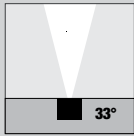
	Code	
Driver 350/500/700mA - 15W	CS160024	1
IP68 connector	CS093000	1
"T"-3 ways IP68 connector	CS093001	1

H - Height
D - Diameter



H (m)	D (m)	Med Lux		
		350 mA	500 mA	700 mA
1	0,25	322	433	562
2	0,51	80	108	141
3	0,76	36	48	62
4	1,02	20	27	35
5	1,27	13	17	22

RECESSED LUMINAIRE



Beam 33° - Transparent diffuser

K/Power	Round	Square	
● 4000K - 1/2/3W	4040.382W	4042.382W	1
● 3000K - 1/2/3W	4040.384W	4042.384W	1

Compulsory accessories

	Code	
Circular recessed box Ø100x80mm	7000.0003	1
Tubular recessed box Ø35x70mm	7000.0007	1
False ceiling locking mechanism kit	4000.001W	1

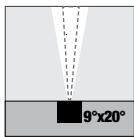
Optional accessories

	Code	
Driver 350/500/700mA - 15W	CS160024	1
IP68 connector	CS093000	1
"T"-3 ways IP68 connector	CS093001	1

H - Height
D - Diameter



H (m)	D (m)	Med Lux		
		350 mA	500 mA	700 mA
1	0,54	134	180	234
2	1,08	33	45	58
3	1,62	15	20	26
4	2,16	8	11	15
5	2,70	5	7	9



Beam 9°x20° - Transparent diffuser

K/Power	Round	Square	
● 4000K - 1/2/3W	4040.482W	4042.482W	1
● 3000K - 1/2/3W	4040.484W	4042.484W	1

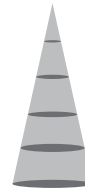
Compulsory accessories

	Code	
Circular recessed box Ø100x80mm	7000.0003	1
Tubular recessed box Ø35x70mm	7000.0007	1
False ceiling locking mechanism kit	4000.001W	1

Optional accessories

	Code	
Driver 350/500/700mA - 15W	CS160024	1
IP68 connector	CS093000	1
"T"-3 ways IP68 connector	CS093001	1

H - Height
D - Diameter



H (m)	D1 (m)	D2 (m)	Med Lux		
			350 mA	500 mA	700 mA
1	0,27	0,60	157	212	280
2	0,54	1,20	39	53	70
3	0,81	1,80	17	24	31
4	1,08	2,40	10	13	17
5	1,35	2,99	6	8	11

Directional - 1/2/4 ways - Transparent diffuser

K/Power	1 way	2 ways	4 ways	
● 4000K - 1/2/3W	4044.182W	4044.282W	4044.482W	1
● 3000K - 1/2/3W	4044.184W	4044.284W	4044.484W	1

K/Power	1 way	2 ways	4 ways	
● 4000K - 1/2/3W	4044.182W	4044.282W	4044.482W	1
● 3000K - 1/2/3W	4044.184W	4044.284W	4044.484W	1

Compulsory accessories

	Code	
Circular recessed box Ø100x80mm	7000.0003	1
Tubular recessed box Ø35x70mm	7000.0007	1
False ceiling locking mechanism kit	4000.001W	1

Optional accessories

	Code	
Driver 350/500/700mA - 15W	CS160024	1
IP68 connector	CS093000	1
"T"-3 ways IP68 connector	CS093001	1



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RECESSED LUMINAIRE

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Lira 42

Technical details

- Silicone gaskets
- A2 stainless steel screws
- 230V built in electronics

Ring

- AISI 304L stainless steel casting round ring

Diffuser

- Flat, transparent, tempered glass diffuser, 5mm thick

Beams round and square

- 8° beam
- 30° beam
- 50° beam

Housing

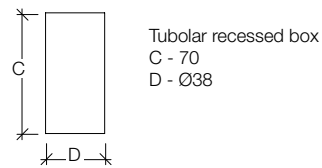
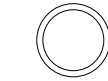
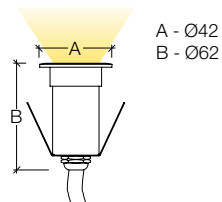
- AISI 304L stainless steel casting housing
- Metal M12 cable gland

Compulsory accessories (to be ordered separately)

- Tubular PVC recessed box Ø38x70mm


Optional accessories (to be ordered separately)

- IP68 connector
- "T"-3 ways IP68 connector



CE Compliance with EU regulatory requirements

Colors:

 AISI 316L stainless steel



Warm
3000K/4000K



Cold



H2O Stop



IK



Insulation class



Guarantee



IP67

IK08

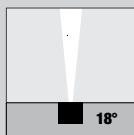
5 years



MADE IN ITALY

RECESSED LUMINAIRE

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Beam 18° - Transparent diffuser

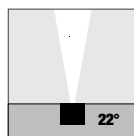
K/Power	Code	
● 4000K - 3W	4046.182W	1
● 3000K - 3W	4046.184W	1

Optional accessories	Code	
IP68 connector	CS093000	1
"T"-3 ways IP68 connector	CS093001	1

H - Height
D - Diameter



		Med Lux
H (m)	D (m)	230V
1	0,48	745
2	0,95	186
3	1,43	83
4	1,90	47
5	2,38	30

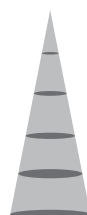


Beam 30° - Transparent diffuser

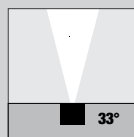
K/Power	Code	
● 4000K - 3W	4046.282W	1
● 3000K - 3W	4046.284W	1

Optional accessories	Code	
IP68 connector	CS093000	1
"T"-3 ways IP68 connector	CS093001	1

H - Height
D - Diameter



		Lux Med
H (m)	D (m)	230V
1	0,64	304
2	1,29	76
3	1,93	34
4	2,57	19
5	3,22	12



Beam 50° - Transparent diffuser

K/Power	Code	
● 4000K - 3W	4046.382W	1
● 3000K - 3W	4046.384W	1

Optional accessories	Code	
IP68 connector	CS093000	1
"T"-3 ways IP68 connector	CS093001	1

H - Height
D - Diameter



		Lux Med
H (m)	D (m)	230V
1	1,00	116
2	2,00	29
3	3,00	13
4	4,00	7
5	5,00	5



MADE IN ITALY

RECESSED LUMINAIRE

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Lira 140 Round/Square

Technical details

- Silicone gaskets
- A2 stainless steel screws
- Adjustable $\pm 15^\circ$
- Factory sealed termination chamber utilising resin to guarantee sealing

Ring

- AISI 316L stainless steel round or square ring

Diffuser and beams

- Flat, transparent, tempered glass diffuser, 8mm thick
- Flood

Housing

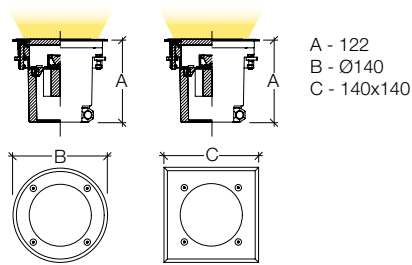
- Anodised die-cast aluminium housing
- Metal PG9 cable gland

Compulsory accessories (to be ordered separately)

- Black reinforced thermoplastic recessed box $\varnothing 194 \times 152$ mm closed above and below in order to facilitate concreting
- False ceiling locking mechanism kit

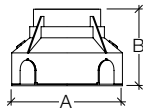
Optional accessories (to be ordered separately)

- IP68 connector
- "T"-3 ways IP68 connector



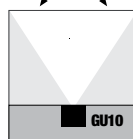
Circular recessed box

- A - $\varnothing 194$
- B - 152



Ceiling downlight for direct mounting, requiring $\varnothing 127$ mm hole with locking mechanism

Beam Flood - Transparent diffuser



Power	Round	Square	
max 35W - GU10	4140.181W	4142.181W	1

Max lamp dimension allowed ($\varnothing 50$ L56mm)
Lamp not included

Compulsory accessories	Code	
Circular recessed box $\varnothing 194 \times 152$ mm	7000.0005	1
False ceiling locking mechanism kit	4000.000W	1
Optional accessories	Code	
IP68 connector	CS093000	1
"T"-3 ways IP68 connector	CS093001	1

CE Compliance with EU regulatory requirements

Colors:

- AISI 316L stainless steel

H2O Stop	IK	Insulation class	Guarantee
IP67	IK08		5 years


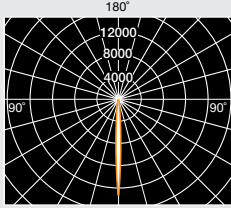
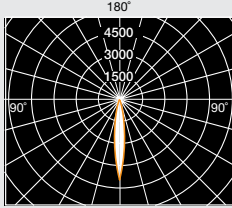
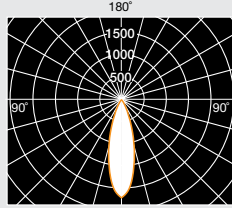
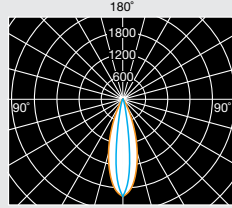

































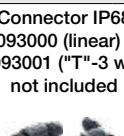






Inox

MADE IN ITALY

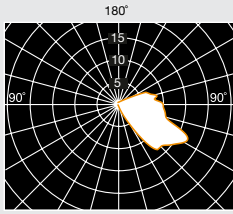
RECESSED LUMINAIRE

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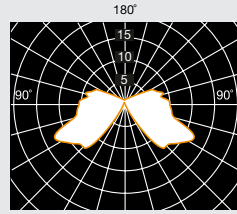
		 Lira 40 Round/Square							
		   							
		Beam 7° Beam 22° Beam 33° Beam 9°x20°							
In conformity with EU Directives									
Insulation class									
Voltage		1W-350mA, 2W-500mA, 3W-700mA							
Step MacAdam		4							
Life time		L80/B50>40Kh-Tc 70°C							
Colour temperature		 3000K				 4000K			
Luminaire output		1W-67 lm 2W-90 lm 3W-117 lm	1W-66 lm 2W-89 lm 3W-115 lm	1W-72 lm 2W-98 lm 3W-127 lm	1W-72 lm 2W-98 lm 3W-127 lm	1W-76 lm 2W-102 lm 3W-133 lm	1W-75 lm 2W-101 lm 3W-131 lm	1W-82 lm 2W-111 lm 3W-144 lm	1W-82 lm 2W-111 lm 3W-144 lm
Beams/Optics		7°	22°	33°	9°x20°	7°	22°	33°	9°x20°
Polarity reversal, overvoltage short circuit									
The installation requires a drainage system of 30cm (gravel)									
IP (Protection degree)		IP67							
IK (Impact resistance)		IK08							
Year warranty									
Photobiological risk		 350/500mA							
Photobiological risk		 700mA		7° - 4000K >190 cm ÷ 7° - 3000K > 140 cm 22° - 4000K/3000K > 80 cm 33° - 4000K > 70 cm ÷ 33° - 3000K > 60 cm 9°x20° - 4000K/3000K > 50 cm					
Pre-wired with:		30cm cable H05RN-F 2x0,75mm ²							
Do not install in areas at risk of flooding									
Max Load		500Kg 20Km/h							
CRI		80							
Driver CS160024 not included		   Driver CS160024 cannot be placed inside the recessed box							
Connector IP68 CS093000 (linear) and CS093001 ("T"-3 ways) not included		    The "T"-3 ways and linear IP68 connector cannot be placed inside the recessed box							



Lira 40
Directional



1 way



2/4 ways



1W-350mA, 2W-500mA, 3W-700mA

4

L80/B50>40Kh-Tc 70°C

●
3000K

●
4000K

1W-7 lm 2W-10 lm 3W-13 lm	1W-3 lm 2W-4 lm 3W-5 lm	1W-5 lm 2W-7 lm 3W-9 lm	1W-8 lm 2W-11 lm 3W-15 lm	1W-3 lm 2W-4 lm 3W-6 lm	1W-6 lm 2W-8 lm 3W-10 lm
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1 way	2 ways	4 ways	1 way	2 ways	4 ways
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IP67

IK08



✓ 350/500mA

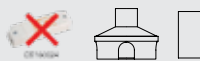
✓ 700mA

30cm cable
H05RN-F 2x0,75mm²

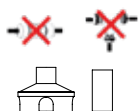


500Kg
20Km/h

80



Driver CS160024 cannot be placed inside the recessed box

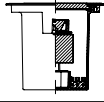
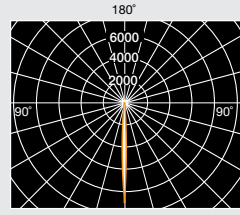



































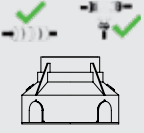


The "T"-3 ways and linear IP68 connector cannot be placed inside the recessed box

Technical details

MADE IN ITALY

RECESSED LUMINAIRE

		Lira 42					 Lira 140 Round/Square	
								
In conformity with EU Directives								
Insulation class								
Voltage		220 - 240V 50/60Hz					250V max	
Step MacAdam		3					--	
Lamp holder		--					GU10 - max 35W (lamp not included)	
Life time		L80>40Kh-Tc70°C					--	
Colour temperature		 3000K			 4000K		--	
Luminaire output		3W - 239lm	3W - 175lm	3W - 124lm	3W - 277lm	3W - 203lm	3W - 144lm	--
Beams/Optics		18°	30°	50°	18°	30°	50°	±15° Flood
The installation requires a drainage system of 30cm (gravel)								
IP (Protection degree)		IP67					IP67	
IK (Impact resistance)		IK10					IK08	
Year warranty		--					--	
Year warranty								
Photobiological risk							--	
Pre-wired with:		100cm cable H05RN-F 2x1mm ²					30cm cable H05RN-F 3x1mm ²	
Do not install in areas at risk of flooding								
Max Load		2000Kg 20Km/h					2000Kg 20Km/h	
CRI		>80					--	
Connector IP68 CS093000 (linear) and CS093001 ("T"-3 ways) not included 		  The "T"-3 ways and linear IP68 connector cannot be placed inside the recessed box					 The "T"-3 ways and linear IP68 connector can be placed inside the recessed box	

Technical details

Data can be changed according to technological developments. For the latest updates we recommend you to visit our website marecoluce.it

RECESSED LUMINAIRE

 MADE IN ITALY

GLOBES

Sfera Led Ø250 - IP44 **202**

Sfera Led Ø300 - IP44 **202**

Sfera Led Ø400 - IP44 **204**

Sfera Led Ø400 - IP65 **206**

Sfera Led Ø500 - IP65 **208**

Bridge **210**

Nadir **210**

Spike Combo **212**

Tower **212**

Sfera 1080 - IP44 **214**

Palu' **216**

Vico **216**

Jolly **216**

Mistral and Coloured Mistral **216**

Comet **216**

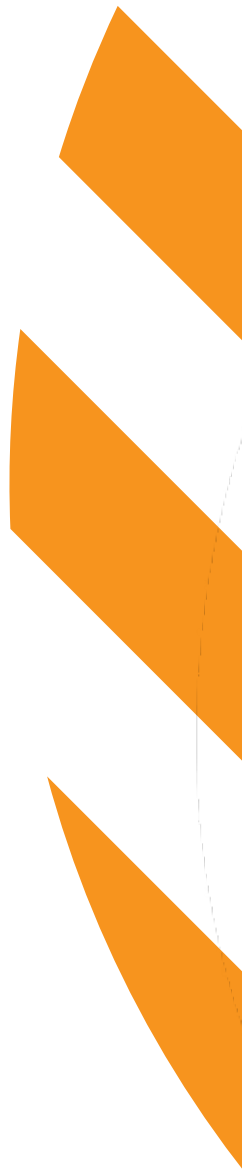
Spike **217**

Sfera Ø400 - IP65 **218**

Sfera Ø500 - IP65 **220**

globes

madareo



COO



globoes

Sfera Led Ø250/300 - IP44

Technical details

- Led's luminaire for use on poles and brackets Ø60mm
- n°18 LED's powered at 350mA
- Electronic built-in driver
- Uplight mounting only
- A2 stainless steel screws

PMMA diffuser

- Non yellowing PMMA (acrylic) diffuser
- Colors: white, transparent, smoked, half part black internally reflecting and half part transparent

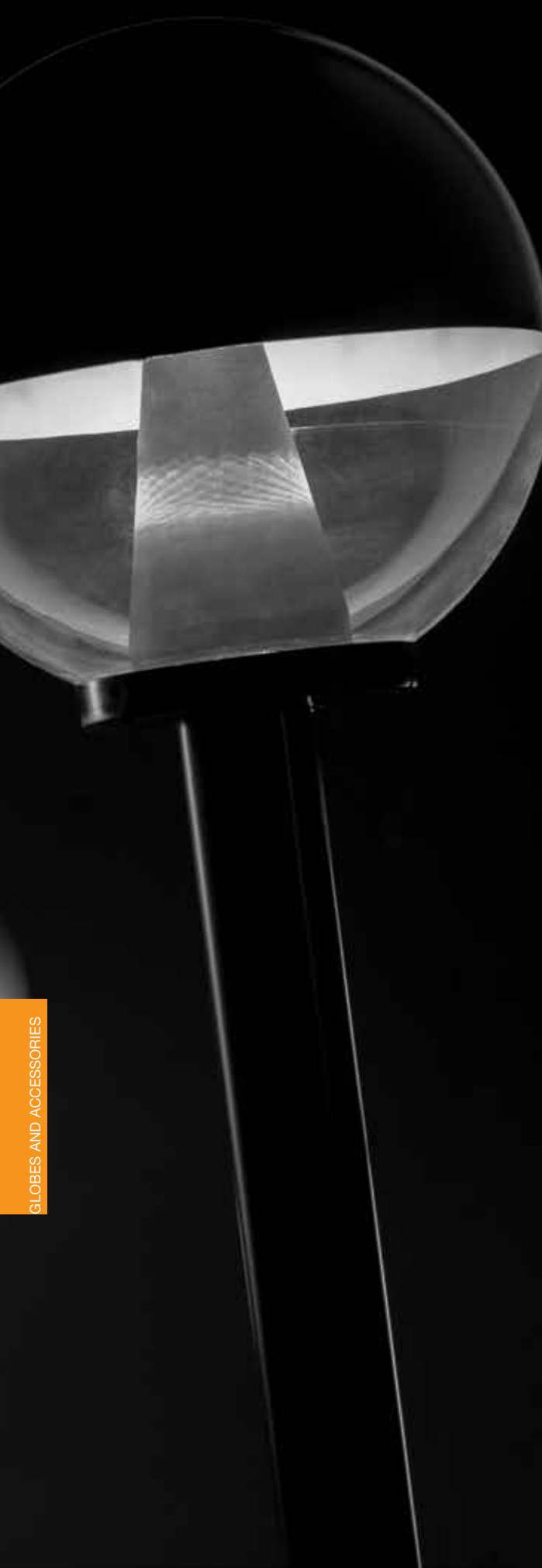
Wiring

- Reinforced thermoplastic housing in black color

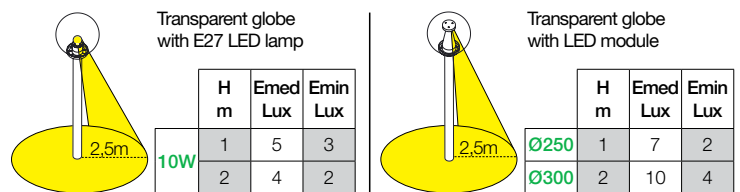
Base

- Base made of self extinguishing V2 polycarbonate IP44
- Self regulating cable block

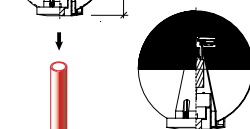
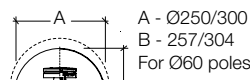
GLOBES AND ACCESSORIES



Dimensions	K/Power	White	Smoked	Transparent	Half part black	
Ø250mm	● 4000K - 8,7W	1080.282B	1080.282F	1080.282T	1010.282T	1
	● 3000K - 8,7W	1080.284B	1080.284F	1080.284T	1010.284T	1
Ø300mm	● 4000K - 8,7W	1080.382B	1080.382F	1080.382T	1010.382T	1
	● 3000K - 8,7W	1080.384B	1080.384F	1080.384T	1010.384T	1



H = Height (m)
Emed = Average illuminance (Lux)
Emin = Minimum illuminance (Lux)



Conforms to all regional light laws against pollution

CE Compliance with EU regulatory requirements

Colors:

- White
- Transparent
- Smoked
- Half part black

● Warm	● Cold	H2O Stop	IK	Insulation class	3 Guarantee	Yes
3000K/4000K		IP44	IK08		3 years	Yes





Sfera Led Ø400 - IP44

Technical details

- Led's luminaire for use on poles and brackets Ø60mm on top
- n°50 LED's powered at 500mA
- Electronic built-in driver
- Uplight mounting only
- A2 stainless steel screws

PMMA diffuser

- Non yellowing PMMA (acrylic) diffuser
- Colors: white, transparent, smoked, half part black internally reflecting and half part transparent

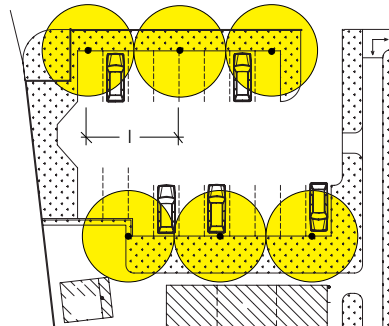
Wiring

- Reinforced thermoplastic housing in black color

Base

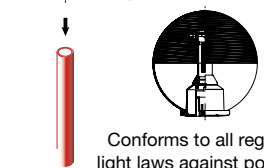
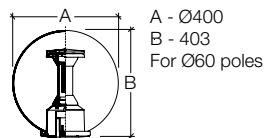
- Reinforced black thermoplastic base IP44
- Self regulating cable block

Ø400	K/Power	White	Transparent	Half part black	
Uplight	● 4000K - 16W	1080.582B	1080.582T	1010.582T	1
	● 3000K - 16W	1080.584B	1080.584T	1010.584T	1



I = Pole spacing (m)
 H = Height (m)
Emed = Average illuminance (Lux)
Emin = Minimum illuminance (Lux)

	I m	H m	Emed Lux	Emin Lux
16W LED	10	4	13	6



Conforms to all regional light laws against pollution

CE Compliance with EU regulatory requirements

Colors:

- White
- Transparent
- Half part black

Warm	Cold	H2O Stop	IK	Insulation class	Class 3	Guarantee	
3000K/4000K		IP44	IK08		3 years	3 years	Yes





Sfera Led Ø400 - IP65

Technical details

- Led's luminaire for use on poles and brackets Ø60mm on top
- n°50 LED's powered at 500mA
- Electronic built-in driver
- Uplight and downlight mounting
- Silicone gaskets
- A2 stainless steel screws

Diffuser

- Non yellowing PMMA (acrylic) diffuser
- Colors: white, transparent, smoked, half part black internally reflecting and half part transparent

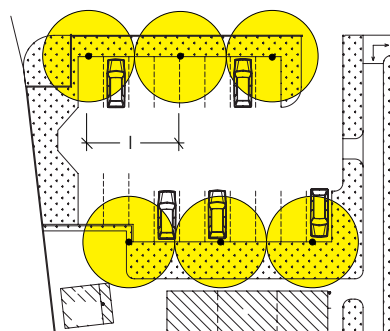
Wiring

- Reinforced thermoplastic housing in black color

Base

- Reinforced black thermoplastic base IP65
- Expansion blocking system for poles and brackets Ø60mm

Ø400	K/Power	White	Transparent	Half part black	
Uplight	● 4000K - 16W	1100.582B	1100.582T	1110.582T	1
	● 3000K - 16W	1100.584B	1100.584T	1110.584T	1
Downlight	● 4000K - 16W	--	--	1113.582T	1
	● 3000K - 16W	--	--	1113.584T	1



I = Pole spacing (m)
H = Height (m)
Emed = Average illuminance (Lux)
Emin = Minimum illuminance (Lux)

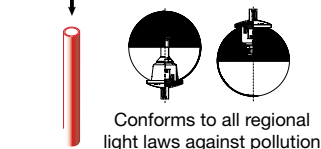
	I m	H m	Emed Lux	Emin Lux
16W LED	10	4	13	6



CE Compliance with EU regulatory requirements

Colors:

- White
- Transparent
- Half part black



Warm	Cold	H2O Stop	IK	Insulation class	Guarantee	No pollution
3000K/4000K		IP65	IK08		3 years	Yes

Uplight



Downlight



GLOBES AND ACCESSORIES

Sfera Led Ø500 - IP65

Technical details

- Led's luminaire for use on poles and brackets Ø60mm on top
- n°50 LED's powered at 700mA
- Electronic built-in driver
- Uplight and downlight mounting
- Silicone gaskets
- A2 stainless steel screws

Diffuser

- Non yellowing PMMA (acrylic) diffuser
- Colors: white, transparent, smoked, half part black internally reflecting and half part transparent

Wiring

- Reinforced thermoplastic housing in black color

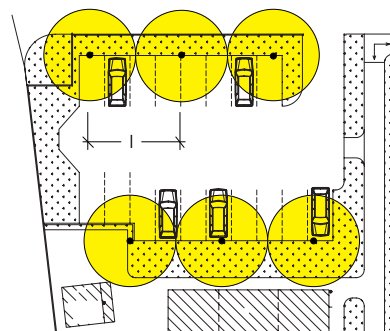
Base

- Reinforced black thermoplastic base IP65
- Expansion blocking system for poles and brackets Ø60mm

Optional accessory (to be ordered separately)

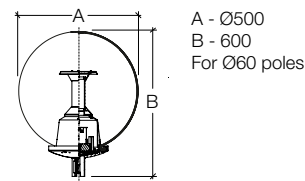
- Surge protection kit:
- Max impulse voltage UOC 10KV, Voltage protection level L-N <1500V
- When purchased the protection kit will be installed inside the luminaire

Ø500	K/Power	White	Transparent	Half part black	
Uplight	● 4000K - 22,8W	1100.782B	1100.782T	1110.782T	1
	● 3000K - 22,8W	1100.784B	1100.784T	1110.784T	1
Downlight	● 4000K - 22,8W	--	--	1113.782T	1
	● 3000K - 22,8W	--	--	1113.784T	1
Optional accessory (to be ordered separately)				Code	
Surge protection kit - SPD protection				CS160030	1



I = Pole spacing (m)
H = Height (m)
Emed = Average illuminance (Lux)
Emin = Minimum illuminance (Lux)

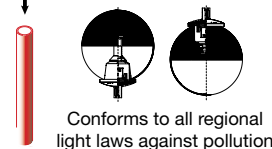
	I m	H m	Emed Lux	Emin Lux
22,8W LED	10	4	16	6
	10	5	11	5



CE Compliance with EU regulatory requirements

Colors:

- White
- Transparent
- Half part black



● Warm	● Cold	H2O Stop	IK	Insulation class	3 Guarantee	Yes
3000K/4000K		IP65	IK08		3 years	Yes

Uplight



Downlight

Bridge

Technical details

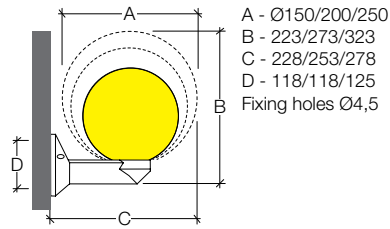
- Luminaire for wall fixing, complete with Ø150/200/250mm spherical diffuser
- A2 stainless steel screws

Diffuser

- Non yellowing white PMMA (acrylic) diffuser

Bracket

- Reinforced thermoplastic bracket



CE Compliance with EU regulatory requirements

Colors:

● White



Max lamp dimensions allowed
 8W - (Ø70 L110mm)
 15W - (Ø70 L160mm)
 21W - (Ø85 L180mm)
 Lamp not included

Dimensions	Power	Code	
Ø150mm	max 8W - E27	1303.001B	1
Ø200mm	max 15W - E27	1303.101B	1
Ø250mm	max 21W - E27	1303.201B	1



H2O Stop

IP44



IK

IK08



Insulation class

□



Guarantee

3 years



Yes

Yes



Nadir

Technical details

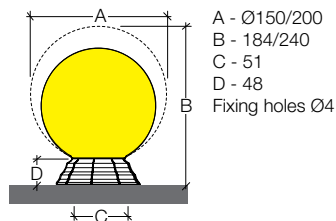
- Luminaire for wall or ceiling fixing, complete with spherical diffuser Ø150/200mm
- A2 stainless steel screws

Diffuser

- Non yellowing white PMMA (acrylic) diffuser

Base

- Reinforced thermoplastic base



CE Compliance with EU regulatory requirements

Colors:

● White



Max lamp dimensions allowed
 8W - (Ø70 L110mm)
 11W - (Ø70 L130mm)
 Lamp not included

Dimensions	Power	Code	
Ø150mm	max 8W - E27	1305.001B	1
Ø200mm	max 11W - E27	1305.101B	1



H2O Stop

IP44



IK

IK08



Insulation class

□



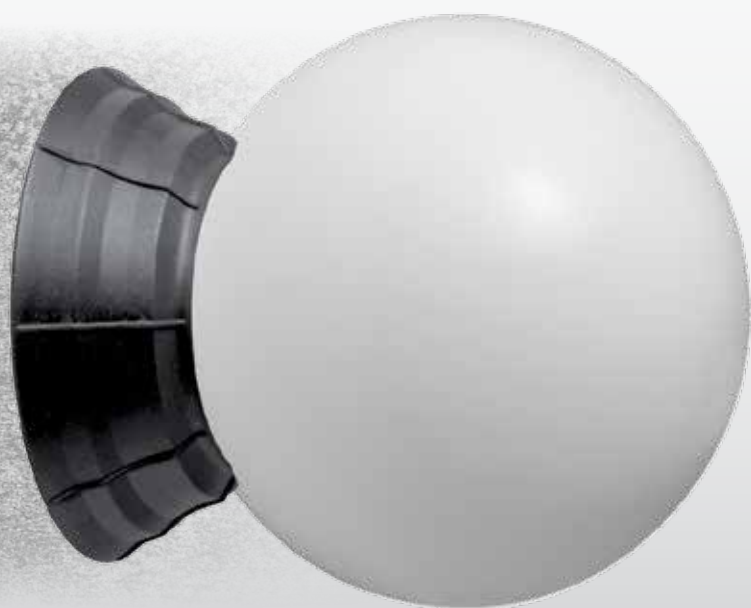
Guarantee

3 years



Yes

Yes



IP43



IP40



Data can be changed according to technological developments. For the latest updates we recommend you to visit our website www.mareco.it

GLOBES AND ACCESSORIES

MADE IN ITALY





Spike Combo

Technical details

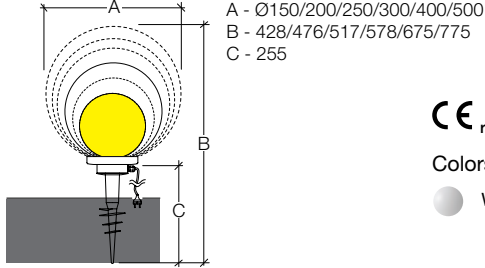
- Spike for direct ground fixing with cable and plug, complete with Ø150/200/250/300/400/500mm spherical diffuser
- A2 stainless steel screws
- 2x1mmq H05RN-F cable (2,5mt) with UNEL 2 pin plug

Diffuser

- Non yellowing white PMMA (acrylic) diffuser

Housing

- Reinforced thermoplastic housing
- Plastic PG9 cable gland



CE Compliance with EU regulatory requirements

Colors:
 ● White

	Dimensions	Power	Code	
Max lamp dimensions allowed 8W - (max Ø70 L110mm) 11W - (max Ø70 L130mm) 20W - (max Ø85 L170mm) 21W - (max Ø100 L190mm) 27W - (max Ø100 L190mm) 33W - (max Ø100 L210mm) Lamp not included	Ø150mm	max 8W - E27	1459.001B	1
	Ø200mm	max 11W - E27	1459.101B	1
	Ø250mm	max 20W - E27	1459.201B	1
	Ø300mm	max 21W - E27	1459.301B	1
	Ø400mm	max 27W - E27	1459.501B	1
	Ø500mm	max 33W - E27	1459.701B	1

H2O Stop	IK	Insulation class	3 Guarantee	Yes
IP44	IK08		3 years	Yes



Tower

Technical details

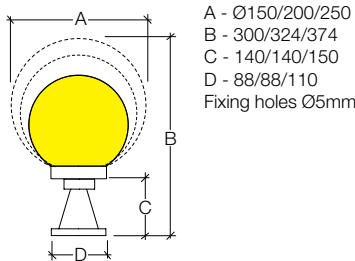
- Luminaire for direct installation on boundary walls/floor complete with spherical diffuser Ø150/200/250mm
- A2 stainless steel screws

Diffuser

- Non yellowing white PMMA (acrylic) diffuser

Housing

- Reinforced thermoplastic housing



CE Compliance with EU regulatory requirements

Colors:
 ● White

	Dimensions	Power	Code	
Max lamp dimensions allowed 8W - (max Ø70 L110mm) 15W - (max Ø70 L160mm) 21W - (max Ø85 L180mm) Lamp not included	Ø150mm	max 8W - E27	1302.001B	1
	Ø200mm	max 15W - E27	1302.101B	1
	Ø250mm	max 21W - E27	1302.201B	1

H2O Stop	IK	Insulation class	3 Guarantee	Yes
IP44	IK08		3 years	Yes



Sfera 1080 - IP44

Technical details

- Luminaire for use on poles and brackets Ø60mm on top
- A2 stainless steel screws
- Uplight mounting only

PMMA diffuser

- Non yellowing PMMA (acrylic) diffuser
- Colors: white, transparent, smoked, half part black internally reflecting and half part transparent (Ø250/Ø300/Ø400mm), prismatic transparent (Ø150/Ø200mm screw neck), prismatic smoked (Ø150/Ø200mm screw neck)

Base

- Base made of self extinguishing V2 polycarbonate IP44
- Self regulating cable block

Optional accessory (to be ordered also separately)

- Pulsar antiglare louver:
 - Coated aluminium optics with blades
 - Aluminium top cover Ø300mm
 - Polycarbonate base cone Ø300/Ø400/500mm



BASE WITH BAYONET NECK					BASE WITH SCREW NECK		
A	B	C	D		A	B	C
Ø200	Ø100	Ø72	14		Ø150	Ø78.6	18
Ø250	Ø119	Ø89	15		Ø200	Ø78.6	18
Ø300	Ø139	Ø109	15				
Ø400	Ø178	Ø149	15				
Ø500	Ø218	Ø188	15				

Sfera 1080 complete with base

Dimensions	Power	White	Smoked	Transparent	Prismatic smoked	Prismatic transparent	
Ø150mm	max 8W - E27	1080.001B*	1080.001F*	1080.001T*	1080.00PF*	1080.00PT*	10
Ø200mm	max 11W - E27	1080.101B	1080.101F	1080.101T	1080.10PF*	1080.10PT*	1
Ø250mm	max 20W - E27	1080.201B	1080.201F	1080.201T	--	--	1
Ø300mm	max 21W - E27	1080.301B	1080.301F	1080.301T	--	--	1
Ø400mm	max 27W - E27	1080.501B	1080.501F	1080.501T	--	--	1
Ø500mm	max 33W - E27	1080.701B	1080.701F	1080.701T	--	--	1

Base with screw neck*

Optional accessory

Description	Ø300	Ø400	Ø500	
Pulsar	1470.000A	1470.100A	1470.200A	1



Max lamp dimensions allowed
 8W - (max Ø70 L110mm)
 11W - (max Ø70 L130mm)
 20W - (max Ø85 L170mm)
 21W - (max Ø100 L190mm)
 27W - (max Ø100 L210mm)
 33W - (max Ø100 L200mm)
 Lamp not included

Sfera 1086 complete with base and antiglare louver

Dimensions	Power	Smoked	Transparent	
Ø300mm	max 21W - E27	1086.301F	1086.301T	1
Ø400mm	*max 21W - E27	1086.501F	1086.501T	1



Max lamp dimensions allowed
 21W - (Ø70 L170mm)
 *21W - (Ø80 L190mm)
 Lamp not included

Sfera 1010 complete with base

Dimensions	Power	Semi covered	
Ø250mm	max 20W - E27	1010.201T	1
Ø300mm	max 23W - E27	1010.301T	1
Ø400mm	max 23W - E27	1010.501T	1



Max lamp dimensions allowed
 20W - (Ø65 L110mm)
 23W - (Ø80 L190mm)
 Lamp not included



H2O Stop

IP44



IK

IK08



Insulation class

Class



Guarantee

5 years









Yes

Yes

CE Compliance with EU regulatory requirements

Colors:

-  White
-  Transparent
-  Smoked
-  Prismatic Smoked
-  Prismatic Transparent
-  Semi-covered

Sfera 1080
Uplight



Sfera 1086
Uplight




Sfera 1010
Uplight

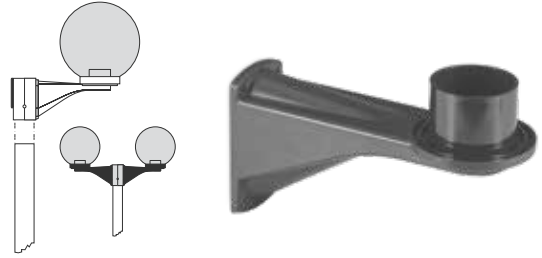
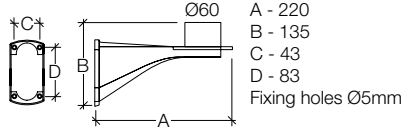


Palu'

Technical details

- Bracket for direct wall fixing in black PC (polycarbonate)
- Suitable for Sfera range 1080 Ø200/Ø250/Ø300mm


Dimensions	Code	
220x135mm	1000.500N	10

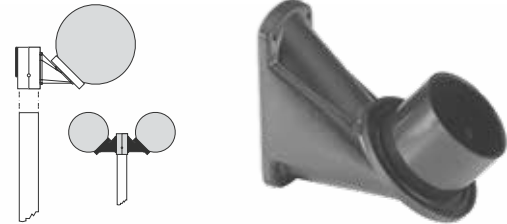
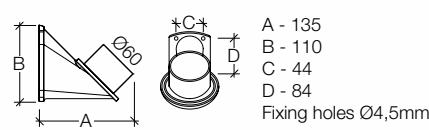


Vico

Technical details

- Bracket for direct wall fixing in black PC (polycarbonate)
- Suitable for Sfera range 1080 Ø200/Ø250/Ø300mm


Dimensions	Code	
135x110mm	1000.150N	20

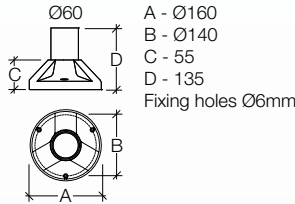


Jolly

Technical details

- Base for fixing directly on boundary walls in black thermoplastic
- A2 stainless steel screws

Dimensions	Code	
Ø160x135mm	1490.000N	10

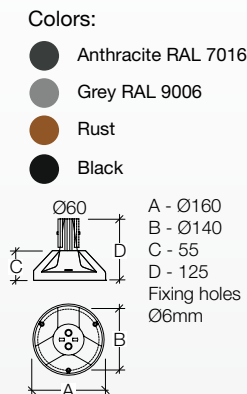






Mistral & Coloured Mistral

Technical details

- Base for poles fixing on floor, suitable for Ø60mm poles in reinforced thermoplastic
- Reinforced thermoplastic tightening expanders
- A2 stainless steel screws
- Colors: Black, metallic grey RAL 9006, rust and anthracite RAL 7016 painted

Dimensions	Rust	Metallic grey RAL 9006	Anthracite RAL 7016 textured	Black	
Ø160x125mm	1480.000J	1480.000G	1480.000S	1480.000N	10




- Colors:**
-  Anthracite RAL 7016
 -  Grey RAL 9006
 -  Rust
 -  Black

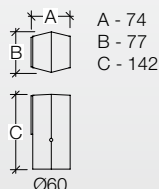


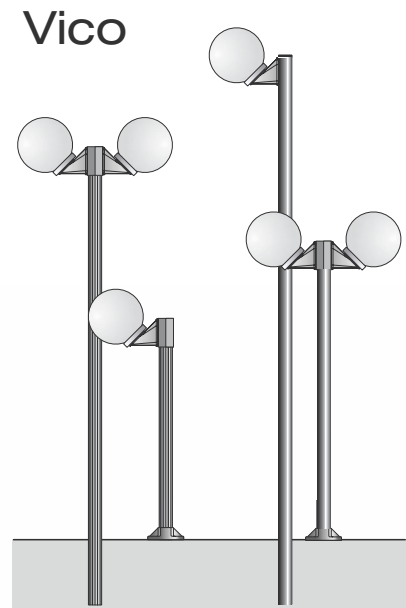
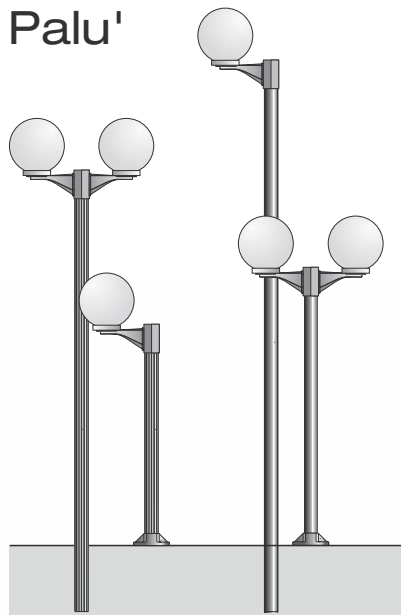
Comet

Technical details

- 1 light or 2 lights connector for pole Ø60mm in black reinforced thermo plastic
- Reinforced thermoplastic closing plate with preset holes
- A2 stainless steel screws

Dimensions	Code	
142x74mm	1461.000N	10




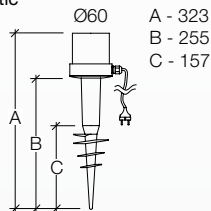


Spike

Technical details

- Spike for direct ground fixing and for the installation of Ø60mm luminaires on top, in black reinforced thermoplastic
- Cable 2x1mmq H05RN-F (2.5m) with UNEL 2 poles plug


Dimensions	Code	
Ø60x323mm	1460.000N	1



IP68 Connector

Technical details

- IP68 terminal block 3 poles, for cable section max.2.5 mm² with external Ø Min-Max 7-12mm, ENEC-03 certified
- Operating current: max 24A
- Operating voltage: max 450VAC
- Wire cross-section min. - max. (Stranded cable): 0.25mmq - 2.5mmq
- Wire cross-section min. - max. (Solid cable): 0.25mmq - 2.5mmq
- Cable diameter: min. - max. 7.0mm - 12mm


Dimensions	Poles	Code	
Ø23x68mm	3	CS093000	1

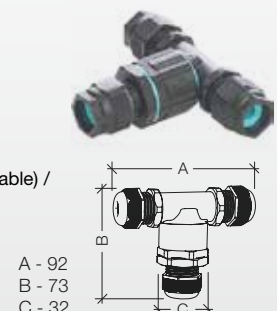


"T"-3 ways IP68 connector

Technical details

- "T" 3 ways IP68 terminal block 3 poles, for cable section max.2.5 mm² with external Ø Min-Max 7-12mm, ENEC-03 certified
- Operating current: max 32A
- Operating voltage: max 450VAC
- Wire cross-section min. - max. (Stranded cable): 0.5mmq - 1.5mmq
- Wire cross-section min. - max. (Solid cable): 0.5mmq - 1.5mmq
- Cable diameter: min. - max. 7.0mm - 13.5mm (main cable) / 7.0mm - 13.5mm (branch cable)

Dimensions	Poles	Code	
92x73x32mm	3	CS093001	1





Sfera Ø400 - IP65

Technical details

- Luminaire for use on poles and brackets Ø60mm on top
- Uplight and downlight mounting
- Silicone gaskets
- A2 stainless steel screws

Diffuser

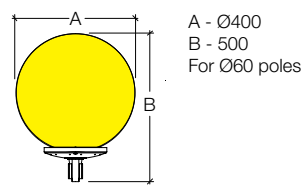
- Non yellowing PMMA (acrylic) diffuser
- Colors: white, transparent, smoked, half part black internally reflecting and half part transparent

Base

- Reinforced black thermoplastic base IP65
- Expansion blocking for poles and brackets Ø60mm
- Polycarbonate cover cone for insulation Class II

Optional accessories (to be ordered separately)

- Giubar: aluminium deflector, only for white diffuser
- Quasar: antiglare louvre for uplight mounting made of aluminium suitable for transparent or smoked diffuser
- Sun: antiglare louvre for downlight mounting made of aluminium suitable for transparent or smoked diffuser



CE Compliance with EU regulatory requirements

Colors:

- White
- Transparent
- Smoked
- Half part black



 H2O Stop
IP65


 IK
IK08

 Class
Insulation class



 5
Guarantee
5 years

 Yes


Step 1



Ø400mm	White	Smoked	Transparent	Half part black	
Uplight/ Downlight	2050.400B	2050.400F	2050.400T	--	1
Uplight	--	--	--	2065.400T	1
Downlight	--	--	--	2066.400T	1

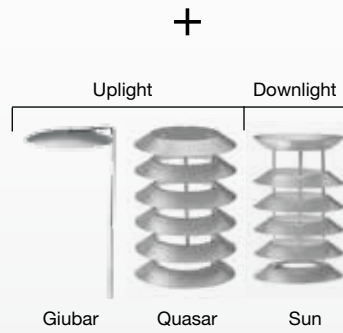
Step 2 - Optional

Optional accessories (to be ordered separately)	Code	
Quasar Ø400	1469.100A	1
Giubar Ø400	1472.200A	1
Sun Ø400	1473.100A	1

Step 3

Thermoplastic wired base	Code	
max 24W - E27	2000.501N	1

  Max lamp dimensions allowed
24W - (Ø100 L190mm)
Lamp not included



Optional accessories:
Giubar - Uplight: white diffuser
Quasar - Uplight: transparent or smoked diffuser
Sun - Downlight: transparent or smoked diffuser



Wired base





GLOBES AND ACCESSORIES

Sfera Ø500 - IP65

Technical details

- Luminaire for use on poles and brackets Ø60mm on top
- Uplight and downlight mounting
- Silicone gaskets
- A2 stainless steel screws

Diffuser

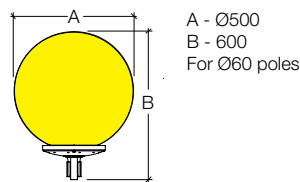
- Non yellowing PMMA (acrylic) diffuser
- Colors: white, transparent, smoked, half part black internally reflecting and half part transparent

Base

- Reinforced black thermoplastic base IP65
- Expansion blocking for poles and brackets Ø60mm
- Polycarbonate cover cone for insulation Class II

Optional accessories (to be ordered separately)

- Giubar: aluminium deflector, only for white diffuser
- Quasar: antiglare louvre for uplight mounting made of aluminium suitable for transparent or smoked diffuser

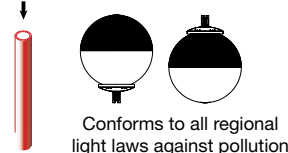


A - Ø500
B - 600
For Ø60 poles

CE Compliance with EU regulatory requirements

Colors:

- White
- Transparent
- Smoked
- Half part black



Conforms to all regional light laws against pollution



H2O Stop

IP65



IK

IK08



Insulation class

Class II



Guarantee


5 years




Yes

Yes


Step 1



Ø500mm	White	Smoked	Transparent	Half part black	
Uplight/ Downlight	2050.500B	2050.500F	2050.500T	--	1
Uplight	--	--	--	2065.500T	1
Downlight	--	--	--	2066.500T	1

Step 2 - Optional

Optional accessories (to be ordered separately)	Code	
Quasar Ø500	1469.200A	1
Giubar Ø500	1472.300A	1

Step 3

Thermoplastic wired base	Code	
max 33W - E27	2000.701N	1

  Max lamp dimensions allowed
33W - (Ø100 L200mm)
Lamp not included

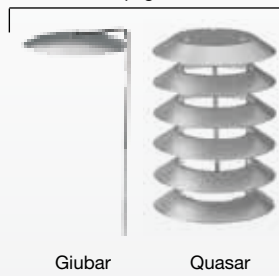


Uplight diffuser

Downlight diffuser

+

Uplight



Giubar

Quasar

Optional accessories:
Giubar - Uplight: white diffuser
Quasar - Uplight: transparent or smoked diffuser

+

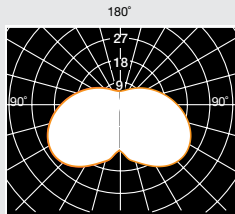


Wired base

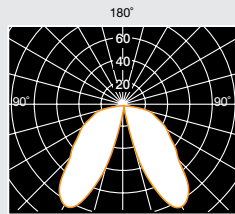




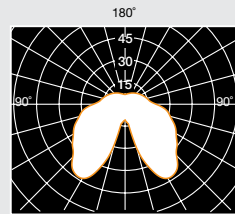
Sfera Led Ø250/300



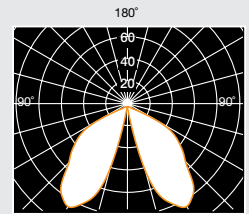
White



Transparent

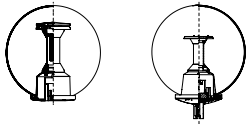
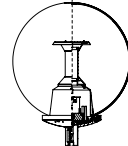
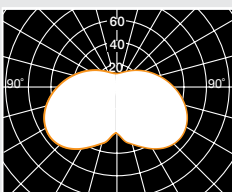
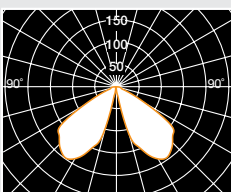
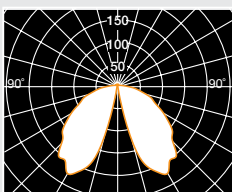
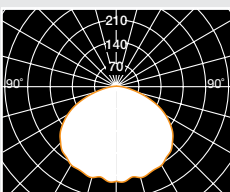
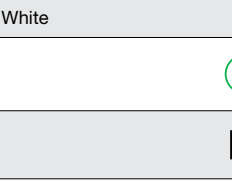
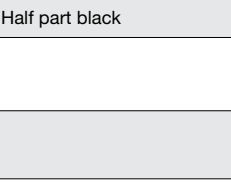
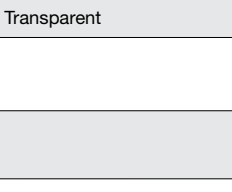
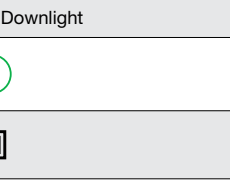


Smoked



Half part black

In conformity with EU Directives	CE		
Insulation class	Class		
Voltage	V	220/240V 50/60Hz	
Step MacAdam	Mac Adam	3	
Life time	Life time	<L70>54Kh-Tc 105°C	
Colour temperature	K	3000K	4000K
Luminaire output	Ta 25°C	8,7W-295 lm (White) 8,7W-334 lm (Smoked) 8,7W-373 lm (Transparent) 8,7W-331 lm (Half part black)	8,7W-315 lm (White) 8,7W-356 lm (Smoked) 8,7W-398 lm (Transparent) 8,7W-353 lm (Half part black)
IP (Protection degree)		IP44	
IK (Impact resistance)		IK08	
Year warranty	3		
Year warranty	5	--	
Photobiological risk	RGO		
Photobiological risk	Rg1	--	
CRI		>80	

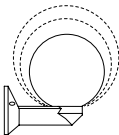
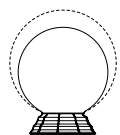
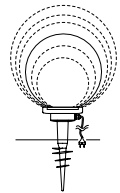
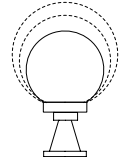
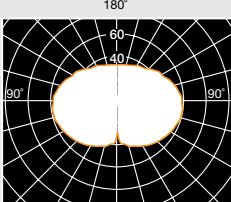
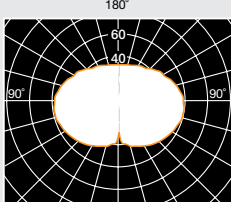
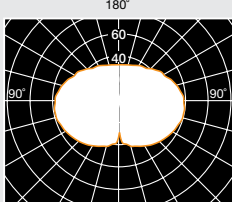
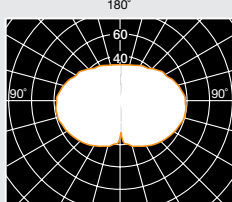
 <p>Sfera Led Ø400</p>		 <p>Sfera Led Ø500</p>	
 <p>White</p>		 <p>White</p>	
 <p>Transparent</p>		 <p>Transparent</p>	
 <p>Half part black</p>		 <p>Half part black</p>	
 <p>Downlight</p>		 <p>Downlight</p>	
✓		✓	
□		□	
220-240V 50/60Hz		220-240V 50/60Hz	
3		3	
<L70>54Kh-Tc 105°C		<L70>54Kh-Tc 105°C	
● 3000K	● 4000K	● 3000K	● 4000K
16W - 1400 lm (White) 16W - 1762 lm (Transparent) 16W - 1274 lm (Half part black) 16W - 1898 lm (Downlight)	16W - 1483 lm (White) 16W - 1825 lm (Transparent) 16W - 1350 lm (Half part black) 16W - 1989 lm (Downlight)	22,8W - 1960 lm (White) 22,8W - 2411 lm (Transparent) 22,8W - 1784 lm (Half part black) 22,8W - 3152 lm (Downlight)	22,8W - 2076 lm (White) 22,8W - 2554 lm (Transparent) 22,8W - 1890 lm (Half part black) 22,8W - 3340 lm (Downlight)
IP44	IP65	IP65	
IK08		IK08	
✓		✓	
--		--	
--		--	
✓		✓	
>80		>80	












Technical details

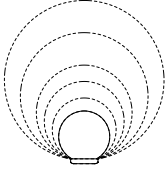
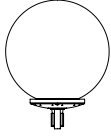
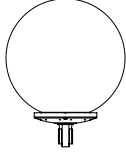
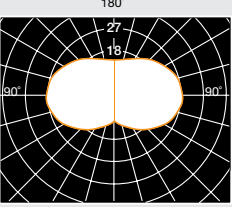
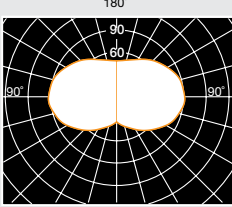
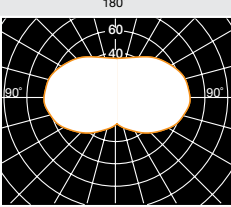
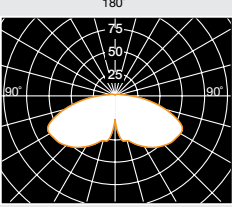
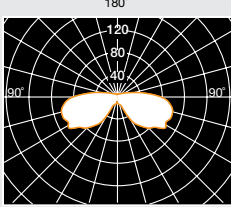
Data can be changed according to technological developments. For the latest updates we recommend you to visit our website marecoluce.it

GLOBES AND ACCESSORIES

MADE IN ITALY

			
Bridge	Nadir	Spike Combo	Tower
			

In conformity with EU Directives					
Insulation class					
Voltage		250V max	250V max	250V max	250V max
Lamp holder		E27 - max 8W-Ø150 E27 - max 15W-Ø200 E27 - max 21W-Ø250 (lamp not included)	E27 - max 8W-Ø150 E27 - max 11W-Ø200 (lamp not included)	E27 - max 8W-Ø150 E27 - max 11W-Ø200 E27 - max 20W-Ø250 E27 - max 21W-Ø300 E27 - max 27W-Ø400 E27 - max 33W-Ø500 (lamp not included)	E27 - max 8W-Ø150 E27 - max 15W-Ø200 E27 - max 21W-Ø250
IP (Protection degree)		IP44	IP43-ceiling IP40-wall	IP44	IP44
IK (Impact resistance)		IK08	IK08	IK08	IK08
Year warranty					
Year warranty		--	--	--	--
 Pulsar	--	--	--	--	--
 Quasar	--	--	--	--	--
 Giubar	--	--	--	--	--
 Sun	--	--	--	--	--
 Palù	--	--	--	--	--
 Vico	--	--	--	--	--
 Jolly	--	--	--	--	--
 Comet	--	--	--	--	--
 Spike	--	--	--	--	--

 <p>Sfera 1080</p>	 <p>Sfera Ø400</p>	 <p>Sfera Ø500</p>
 <p>White</p>	 <p>Transparent</p>	    <p>Half part black Ø250 Half part black Ø300 Half part black Ø400</p>
✓	✓	✓
□	□	□
220-240V 50/60Hz	220-240V 50/60Hz	220-240V 50/60Hz
max 8W-Ø150 max 11W-Ø200 max 20W-Ø250 max 21W-Ø300 max 27W-Ø400 max 33W-Ø500 (lamp not included)	max 24W (lamp not included)	max 33W (lamp not included)
IP44	IP65	IP65
IK08	IK08	IK08
--	--	--
✓	✓	✓
✓ Ø300 ✓ Ø400 ✓ Ø500	--	--
--	✓	✓
--	✓	✓
--	✓	✓
✓ Ø200 ✓ Ø250 ✓ Ø300	--	--
✓ Ø200 ✓ Ø250 ✓ Ø300	--	--
✓	--	--
✓ Ø200 ✓ Ø250 ✓ Ø300	--	--
✓	--	--

Data can be changed according to technological developments. For the latest updates we recommend you to visit our website mareco.luce.it

POLES & WALL SYSTEM

Full Black **228**

Full Color **229**

Rigo **230**

New Stelo TP Wall System **231**

Toce **232**

Piave **233**

Oracolo Wall System **234**

Indus/Skill Wall System **235**

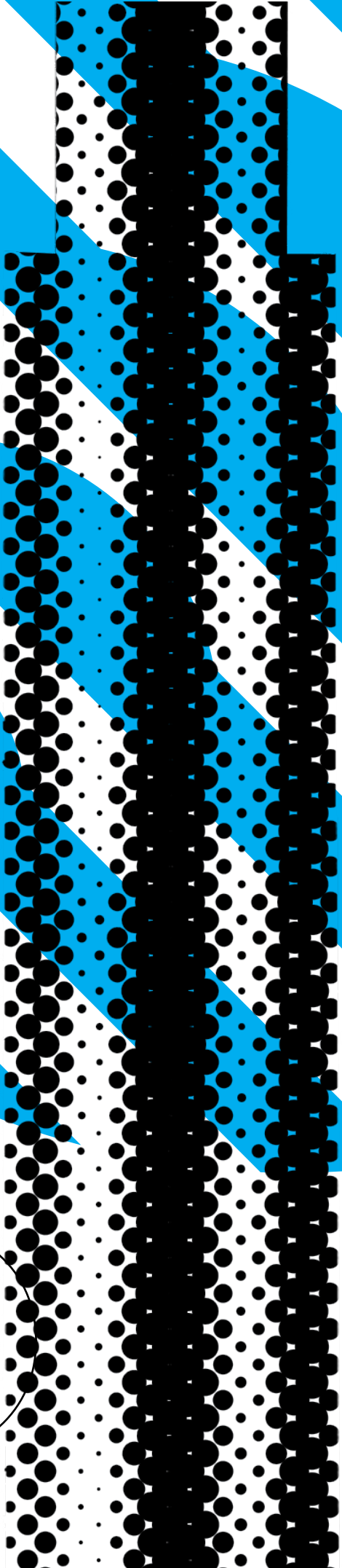
Stud System **236**

poles and systems

marec



CO



poles and systems


Full Black

Technical details


- Cylindrical pole $\text{Ø}60\text{mm}$ for ground fixing and pole top installation on $\text{Ø}60\text{mm}$ luminaires
- Black thermoplastic granule
- Suitable for direct ground fixing (buried installation) or fixed on the Mistral base (up to an height of 1,5mts)

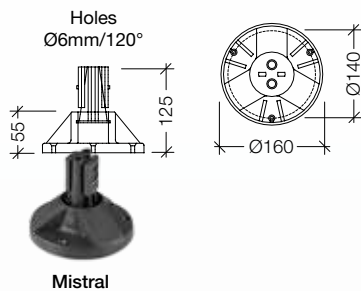
Mistral base

- Reinforced thermoplastic base for fixing directly to concrete or flooring, suitable for $\text{Ø}60\text{mm}$ poles
- Tightening from within through adjustable expanders
- Reinforced thermoplastic tightening expanders
- A2 stainless steel screws


Total height	Black	
1000mm	1403.200N	6
1500mm	1403.300N	6
2000mm	1403.400N	6
2500mm	1403.500N	6

Mistral

Dimensions	Black	
$\text{Ø}160\text{mm}$	1480.000N	10

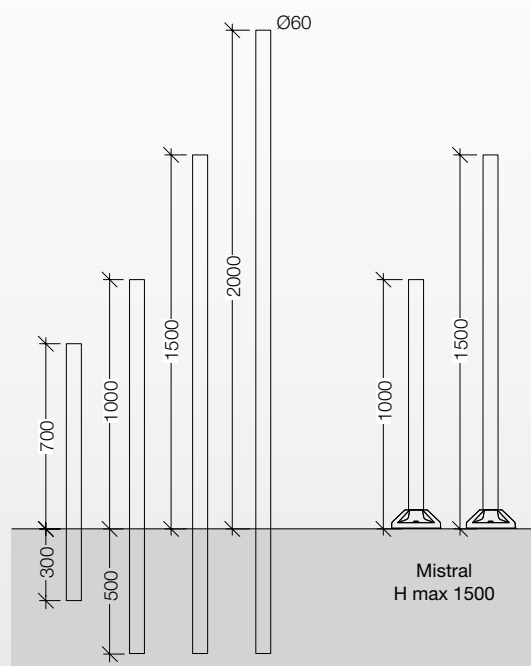
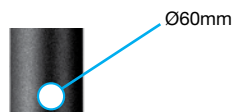


Color:

 Black



Compliance with EU regulatory requirements



Full Color

Technical details

- Cylindrical pole Ø60mm for ground fixing and pole top installation on Ø60mm luminaires in grey metallic RAL 9006, rust, grey anthracite 7016 thermoplastic coloured granule
- Suitable for direct ground fixing (buried installation) or fixed on the Mistral base (up to an height of 1,5mts)

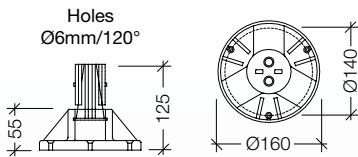
Mistral base

- Reinforced thermoplastic base for fixing directly to concrete or flooring, suitable for Ø60mm poles in metallic grey, anthracite and rust colors
- Tightening from within through adjustable expanders
- Reinforced thermoplastic tightening expanders
- A2 stainless steel screws

Total height	Metallic grey RAL 9006	Rust	Anthracite RAL 7016	
1000mm	1403.200G	1403.200J	1403.200S	1
1500mm	1403.300G	1403.300J	1403.300S	1
2000mm	1403.400G	1403.400J	1403.400S	1
2500mm	1403.500G	1403.500J	1403.500S	1

Coloured Mistral

Dimensions	Metallic grey RAL 9006	Rust	Anthracite RAL 7016	
Ø160mm	1480.000G	1480.000J	1480.000S	10



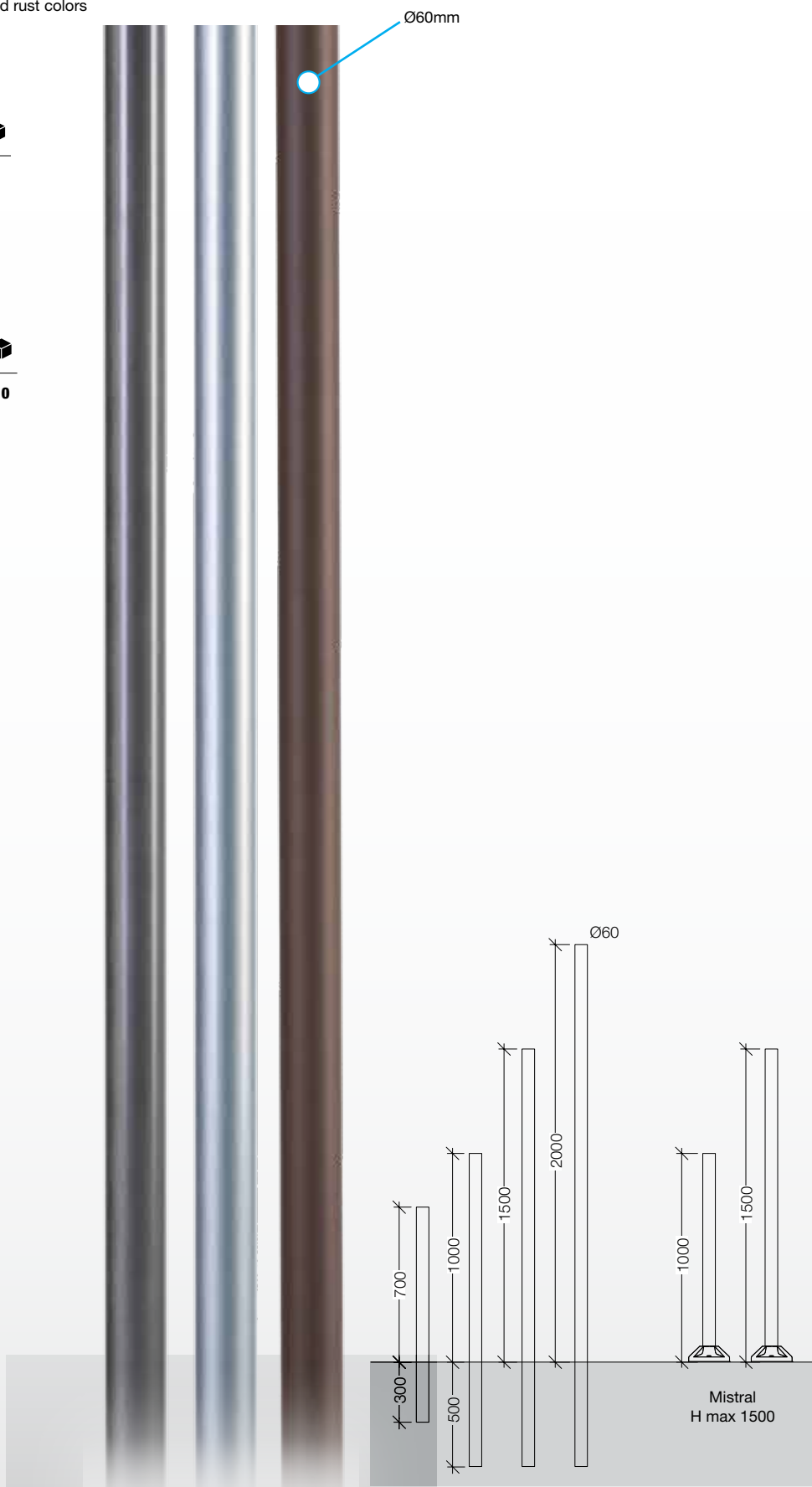
Coloured Mistral

Colors:

- Anthracite RAL 7016
- Grey RAL 9006
- Rust



Compliance with EU regulatory requirements




Rigo

Technical details


- Cylindrical pole $\text{\O}60\text{mm}$ for ground fixing and pole top installation on $\text{\O}60\text{mm}$ luminaires
- PVC outer covering with striped finish in black colour
- Galvanized steel inside

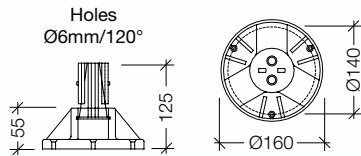
Mistral base

- Reinforced thermoplastic base for fixing directly to concrete or flooring, suitable for $\text{\O}60\text{mm}$ poles
- Tightening from within through adjustable expanders
- Reinforced thermoplastic tightening expanders
- A2 stainless steel screws

Total height	Black	
1000mm	1409.200N	6
1500mm	1409.300N	6
2000mm	1409.400N	6
2500mm	1409.500N	6
3000mm	1409.600N	6

Mistral

Dimensions	Black	
$\text{\O}160\text{mm}$	1480.000N	10



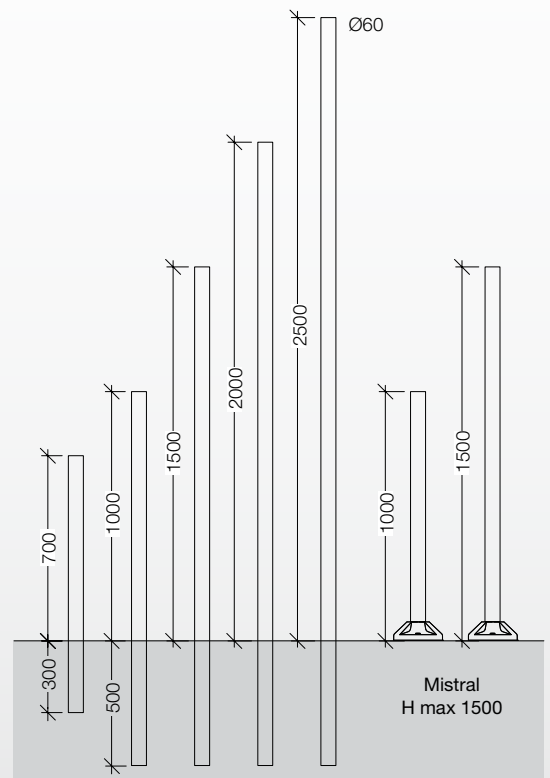
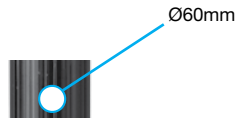
Mistral

Color:

-  Black




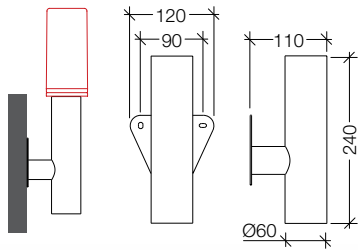
CE Compliance with EU regulatory requirements



New Stelo Wall System

- Bracket for wall mounting made of stainless steel AISI 304


Dimensios	Black textured	
120x240x110mm	1053.000N	1



Fixing holes Ø6.5mm

Color:

 Black

 Compliance with EU regulatory requirements



Toce

Buried pole - System A

- Cylindrical pole $\text{Ø}60 \times 3000\text{mm}$ for ground fixing made of hot-dip galvanised steel $75\mu\text{m}$ UNI EN 1461

Flanged pole - System B

- Cylindrical pole $\text{Ø}60 \times 3000\text{mm}$ for plinth/floor fixing complete with flange made of hot-dip galvanised steel $75\mu\text{m}$ UNI EN 1461

- 200x200mm flange, 8mm thick made of hot-dip galvanised steel $75\mu\text{m}$ UNI EN 1461

Technical details

- Polyester powder coating after a treatment specific for weathering resistance
- A2 stainless steel screws

Compulsory accessory (to be ordered separately)

- Counter flange 200x200x3mm and anchor bolts kit M14x330mm (only system B)

Buried pole - System A

Total height	Total ground height	Anthracite RAL 7016 textured	
3000mm	2500mm	1410.100S	1


Flanged pole - System B

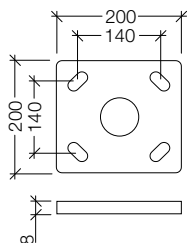
3000mm	3000mm	1411.100S	1
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Compulsory accessory system B

Code	
4000.0001	1




 Suggested plinth
600x600x700mm
Pole conforming to DIN norms



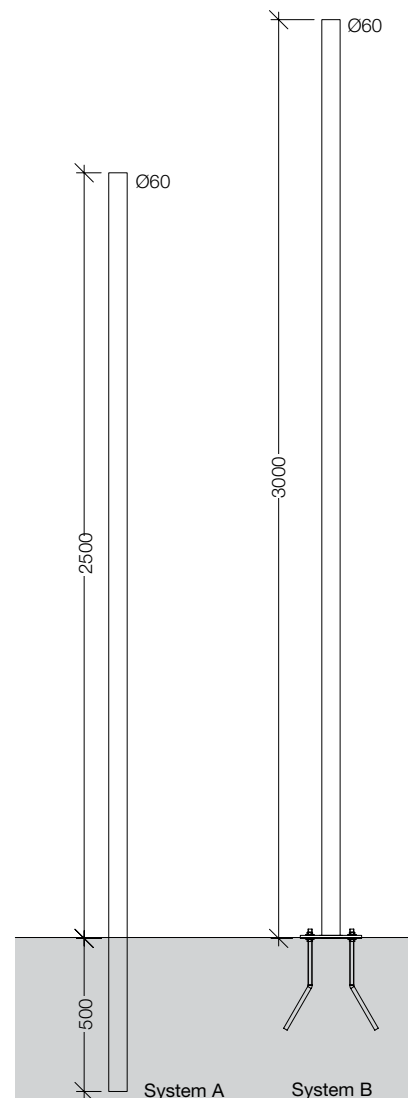
Flange for floor installation
Fixing holes $\text{Ø}16\text{mm}$

Color:

 Anthracite RAL 7016



Compliance with EU regulatory requirements



Piave

Buried pole - System A

- Cylindrical pole $\varnothing 76/60 \times 4100/5100$ mm for ground fixing made of hot-dip galvanised steel $75\mu\text{m}$ UNI EN 1461

Flanged pole - System B

- Cylindrical pole $\varnothing 76/60 \times 4100/5100$ mm for plinth/floor fixing complete with flange made of hot-dip galvanised steel $75\mu\text{m}$ UNI EN 1461

- 250×250 mm flange, 10mm thick made of hot-dip galvanised steel $75\mu\text{m}$ UNI EN 1461

Technical details

- Polyester powder coating after a treatment specific for weathering resistance
- Hole and terminal block $4 \times 6 \text{mm}^2$ CLII with fuse holder and inspection door
- A2 stainless steel screws

Compulsory accessory (to be ordered separately)

- Counter flange $250 \times 250 \times 3$ mm and anchor bolts kit M16 \times 500mm (only system B)

Buried pole - System A

Total height	Total ground height	Anthracite RAL 7016 textured	
4100mm	3600mm	1407.100S	1
5100mm	4500mm	1407.200S	1

Flanged pole - System B

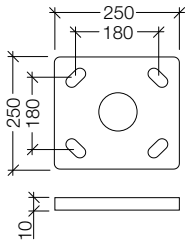
4100mm	4100mm	1427.100S	1
5100mm	5100mm	1427.200S	1

Compulsory accessory system B

	Code	
Counter flange and anchor bolts kit	4000.0002	1



Suggested plinth $600 \times 600 \times 700$ mm
Pole conforming to DIN norms

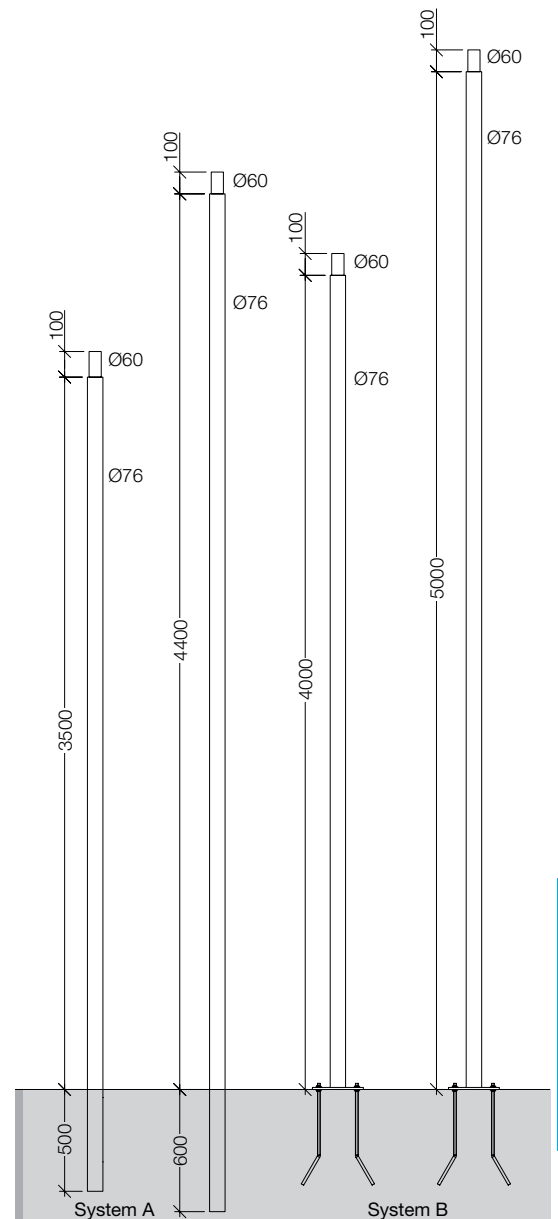
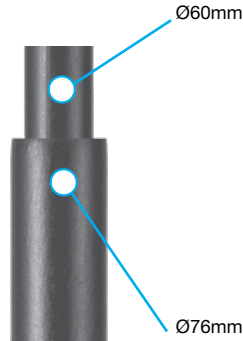


Flange for floor installation
Fixing holes $\varnothing 18$ mm

Color:

● Anthracite RAL 7016

CE Compliance with EU regulatory requirements



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POLES AND SYSTEMS

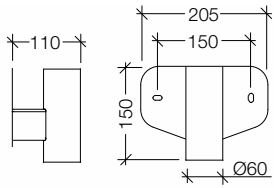
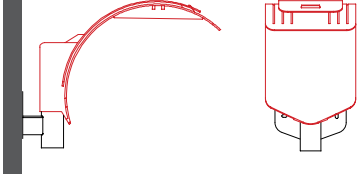
Oracolo Wall System

- Bracket for wall mounting made of stainless steel AISI 304

Dimensions


Anthracite RAL
7016 textured 


205x150x110mm 1060.000S 1



Fixing holes Ø8.5mm

Color:


 Anthracite RAL 7016

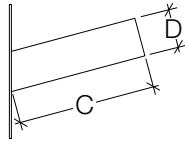
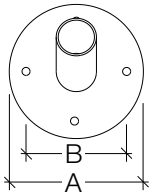
 Compliance with EU regulatory requirements



Indus/Skill Wall System

- Bracket for wall mounting made of steel, hot-dip galvanized and powder coated



Dimensions	Anthracite RAL 7016 textured	Metallic grey RAL 9006	
250xØ200mm	1060.001S	1060.001M	1



A - Ø200
B - Ø150
C - 210
D - Ø60



Colors:

-  Anthracite RAL 7016
-  Grey RAL 9006

CE Compliance with EU regulatory requirements

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Stud System

Buried pole - System A

- Cylindrical pole Ø102/60x4500mm for ground fixing made of hot-dip galvanised steel 75µm UNI EN 1461

Flanged pole - System B

- Cylindrical pole Ø102/60x4000mm for plinth/floor fixing complete with flange made of hot-dip galvanised steel 75µm UNI EN 1461
- 250x250mm flange, 10mm thick made of hot-dip galvanised steel 75µm UNI EN 1461
- Painted thermoplastic flange covering carter

Technical details

- Polyester powder coating after a treatment specific for weathering resistance
- Hole and terminal block 4x16mm² CLII with fuse holder and inspection door
- A2 stainless steel screws

Compulsory accessory (to be ordered separately)

- Counter flange 250x250x3mm and anchor bolts kit M16x500mm (only system B)

Buried pole - System A

Total height	Total ground height	Anthracite RAL 7016 textured	
4500mm	4000mm	3038.100S	1

Flanged pole - System B

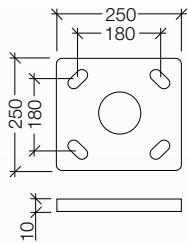
4000mm	4000mm	3039.100S	1
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Compulsory accessory system B

Code	
4000.0003	1



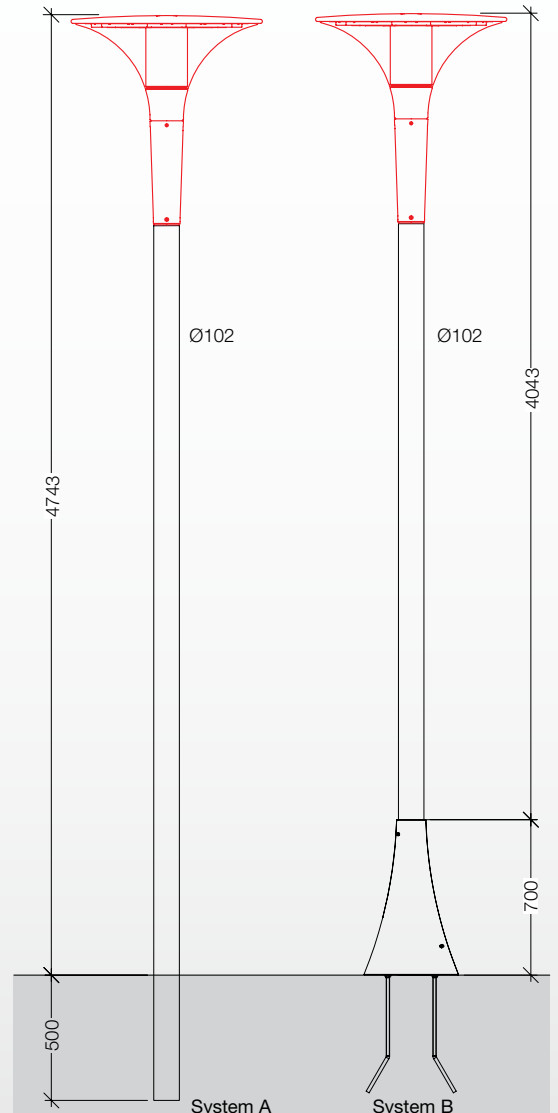
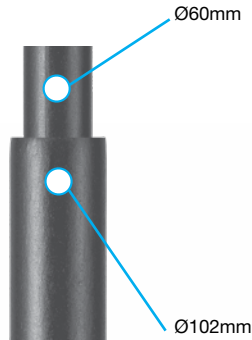
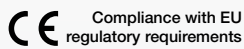
Suggested plinth
800x800x800mm
Pole conforming to DIN norms

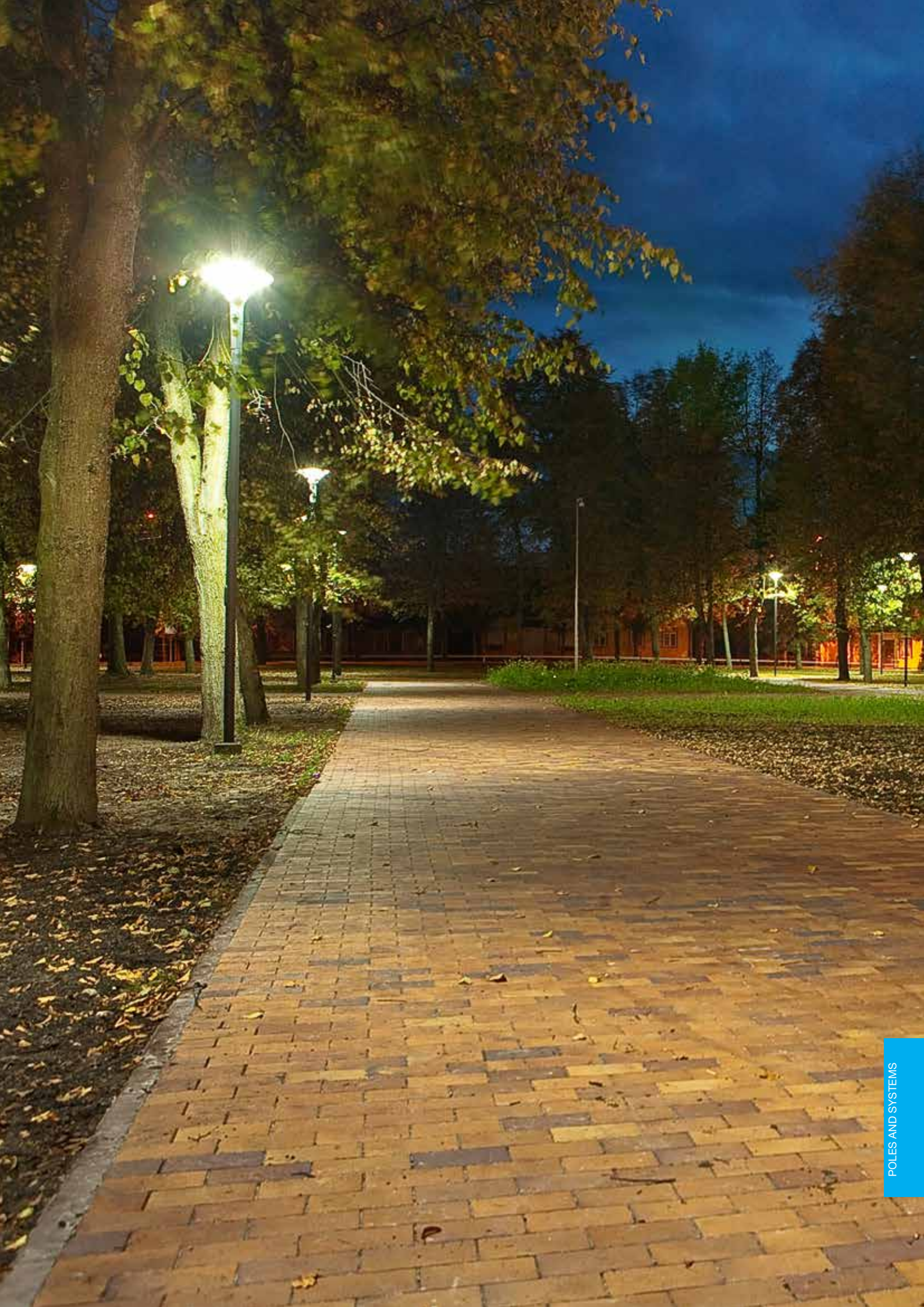











Flange for floor installation
Fixing holes Ø18mm










Color:

- Anthracite RAL 7016





Luminaire/Poles combinations									
	Full Black	Full Color	Rigo	Toce	Piave	Stud System	Indus/Skill Wall System	Oracolo Wall System	New Stelo TP Wall System
Edge Head-pole	--	--	--	--	✓	--	--	--	--
Challenge Basic Head-pole	--	--	--	✓	✓	--	--	--	--
Discovery Head-pole	--	--	--	--	✓	--	--	--	--
Discovery Side entry	--	--	--	--	✓	--	--	--	--
Cd Led	--	--	--	✓	✓	--	--	--	--
Stud Led	--	--	--	--	--	✓	--	--	--
Oracolo	--	--	--	--	✓	--	--	✓	--
Indus	--	--	--	--	✓	--	✓	--	--
Skill	--	--	--	--	✓	--	✓	--	--
Barcelona & Barrio Range	--	--	--	✓	✓	--	--	--	--
Easy Lux TP	✓	--	✓	--	--	--	--	--	--
Coled TP	✓	✓	✓	--	--	--	--	--	--
New Stelo TP Range	✓	--	✓	--	--	--	--	--	✓
Antera	✓	✓	✓	--	--	--	--	--	--
Versus	✓	✓	✓	--	--	--	--	--	--
Luna	✓	✓	✓	--	--	--	--	--	--
Saturno	✓	✓	✓	--	--	--	--	--	--
Febe	✓	✓	✓	--	--	--	--	--	--
Urano	✓	✓	✓	--	--	--	--	--	--
Bianca	✓	✓	✓	--	--	--	--	--	--
Atria	✓	✓	✓	--	--	--	--	--	--
Mira	✓	✓	✓	--	--	--	--	--	--
Sfera Led Ø250/300	✓	--	✓	--	--	--	--	--	--
Sfera Led Ø400/Ø500	--	--	--	✓	✓	--	--	--	--
Sfera Ø150/Ø200/Ø250/Ø300	✓	✓	✓	--	--	--	--	--	--
Sfera Ø400	--	--	--	✓	✓	--	--	--	--
Sfera Ø500	--	--	--	✓	✓	--	--	--	--

Luminaire/Poles combinations									
	Full Black	Full Color	Rigo	Toce	Piave	Stud System	Indus/Skill Wall System	Oracolo Wall System	New Stelo TP Wall System
Tao	✓	✓	✓	--	--	--	--	--	--
Teo	✓	✓	✓	--	--	--	--	--	--
Zap	✓	✓	✓	--	--	--	--	--	--
Chone	✓	✓	✓	--	--	--	--	--	--

Technical details

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Warranty terms and conditions:

Terms of warranty offered by **Mareco Luce S.r.l.** for the supply of products using a LED light source.

1) PRODUCTS

This warranty applies to **Mareco Luce S.r.l.** products using a LED light source and is limited to the light source. This warranty covers luminaires used in environments with a maximum environmental temperature of 25°C.

2) WARRANTY CONDITIONS

This guarantee is valid only on the condition that:

- 1) the user uses the **Mareco Luce S.r.l.** product according to the specifications of the product itself;
- 2) the product is installed in full compliance with the assembly instructions by qualified technicians with the qualifications required by the law;
- 3) the luminaires are not modified by the user and/or that maintenance/repairs have not been carried out without the written authorisation of the **Mareco Luce S.r.l.** technical office.

Further conditions

The claimed products must be returned to **Mareco Luce S.r.l.** within 15 days from the written communication of the fault otherwise this warranty will be null or void. The costs of transport, of disassembling and reassembling are AT THE CUSTOMER'S EXPENSE. Any costs incurred for gaining access to the place of installation with mobile scaffoldings, hoists, opening of places at night, intervention of third parties will be at the customer's expense.

3) DURATION OF THE GUARANTEE and LIMITATIONS

The warranty granted by **Mareco Luce S.r.l.** to the CUSTOMER (limited to the LED circuits included in this document thus excluding any other electrical or electronic component) lasts for five (5) years and/or 50,000 operating hours.

To ensure that the product warranty coincides with the manufacturer's one, the warranty is extended for further 3 months from the date of manufacture printed on the product, up to maximum 63 months from the date of manufacture. The warranty becomes effective from the date printed on the label clearly placed on the luminaire.

4) EXCLUSIONS

The warranty does not cover

- damage caused by transport;
- damage caused by using the luminaire in unsuitable environmental conditions;
- damage caused by negligence or a lack of maintenance or attempts at repair work carried out by unqualified and/or unauthorized personnel and in any case without using the original accessories or spare parts;
- luminaires installed on wiring systems that have a power factor unbalance (voltage/current) of less than 0.8;
- luminaires installed on wiring systems without any type of overvoltage protection (e.g. for lightning)

5) WARRANTY FULFILMENT

- The conventional warranty provided herein can only be fulfilled if it is the subject of a written claim to **Mareco Luce S.r.l.** to be sent by means of letter or e-mail within fifteen (15) days from the discovery of the faulty operation of the luminaire, otherwise the warranty will be null or void.
- In order to take advantage of the conventional warranty issued herewith, THE CUSTOMER, must provide proof of having followed the afore-mentioned conditions.

The faultiness of the luminaires will be assessed by Mareco Luce S.r.l., which will determine, at its own irrevocable decision, whether it falls within the warranty conditions described herein.

- The user benefiting from the warranty will have the right to have the luminaire replaced or repaired.
- Following the technological progress as well as the modifications that may take place in the use of the product's light flow, the lighting characteristics of the LED modules sent to replace the faulty ones may differ compared with the original products.
- **Mareco Luce S.r.l.** reserves the right to replace the faulty product with another product similar in design offering a similar or better performance or it may reimburse the customer with the amount paid.
- The cost of labour for the replacement of the luminaire and, in any case, for any damage even if indirect connected with the faultiness of the product, is excluded.
- No agent, distributor or retailer is in any way authorised to change, modify or extend the terms of the warranty on behalf of **Mareco Luce S.r.l.** under any circumstance.
- At the request of **Mareco Luce S.r.l.** the non-conforming or faulty products will become the property of **Mareco Luce S.r.l.** as soon as they have been replaced.

6) GOVERNING LAW – COMPETENT COURT OF LAW

The fulfilment, interpretation and any questions linked to the validity and the effects of this conventional warranty will, in all cases, be determined and governed by the Italian law. Any controversy that may arise from this warranty or is connected with it and/or related to it will be transferred to the exclusive competence of the court of Forlì.

For the effects and the purposes of articles 1341 and 1342 of the civil code, specific approval is given of the clauses stated in articles: 2 (Terms of Warranty), 3 (Duration of the Warranty and limitations), 4 (Exclusions), 5 (Fulfilment of the Warranty) and 6 (Governing Law – Competent court of Law)