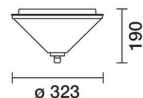


Last information update: December 2025

Product configuration: EM41.15+X483.15

EM41.15: Pole-mounted system for urban and residential parks and gardens. - 31.3W 3350lm - 2200K - Grey

X483.15: Diffuser screen - Bilbao - Grey


Product code

EM41.15: Pole-mounted system for urban and residential parks and gardens. - 31.3W 3350lm - 2200K - Grey

Technical description

Outdoor luminaire with an elliptical optic, designed to use LED lamps. The optical assembly and the pole attachment system are made of EN1706AC 46100LF aluminium alloy and subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The painting stage consists of a primer and a liquid acrylic paint, cured at 150 °C, with a high level of weather and UV ray resistance. Diffuser made of shockproof, UV-stabilised injection moulded polycarbonate. Complete with circuit fitted with Amber coloured monochrome LEDs. Optical assembly consisting of an anodized super-pure aluminium upper reflector, a methacrylate lens and a lower reflector made of metallised PC. Replaceable LEDs and driver. MIDDLE OF THE NIGHT selv driver with automatic internal temperature control system. All external screws are made of stainless steel.

Installation

The spotlight can be installed with a pole-top mounting on poles with $\varnothing$ 60mm and 76mm end part using X102 and X126 accessories. Secured to the pole by two bolts.

Colour

Grey (15)

Weight (Kg)

2.19

Mounting

pole-top

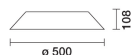
Wiring

The product is supplied wired with a 500mm long outlet cable (2x1mm).

Notes

Overvoltage protection: 10kV Common Mode, 6kV Differential Mode

Complies with EN60598-1 and pertinent regulations


Accessory code

X483.15: Diffuser screen - Bilbao - Grey

Technical description

Bilbao sheet metal diffuser screen.

Colour

Grey (15)

Weight (Kg)

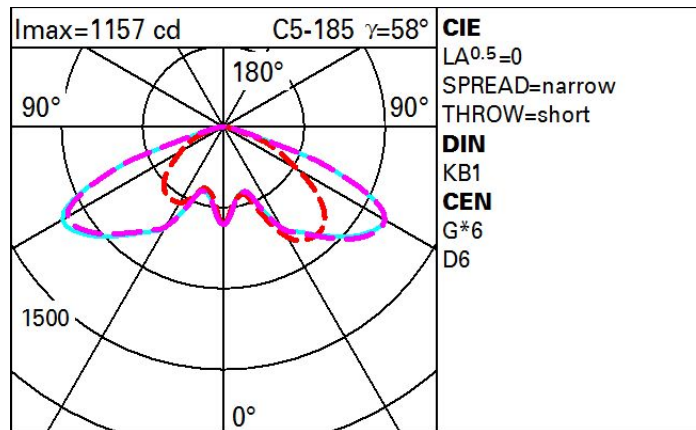
1

Complies with EN60598-1 and pertinent regulations

Technical data

Im system:	3020	Life Time LED 3:	40,000h - L90 - B10 (Ta 40°C)
W system:	31.3	Life Time LED 4:	100,000h - L80 - B10 (Ta 40°C)
Im source:	-	Voltage [Vin]:	230
W source:	-	Lamp code:	LED
Luminous efficiency (Im/W, real value):	96.5	Number of lamps for optical assembly:	1
Im in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	100	Operating ambient temperature range:	from -40°C to 50°C.
Beam angle [°]:	73° / 75°	Lifetime of product at ambient operating temperature:	≥ 80.000h Ta=40°C
CRI (minimum):	65	Power factor:	See installation instructions
Rf (Colour Fidelity Index):	70	Inrush current:	18.7 A / 195 µs
Rg (Gamut Index):	94	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 20 luminaires B16A: 32 luminaires C10A: 33 luminaires C16A: 54 luminaires
Colour temperature [K]:	2200	Minimum dimming %:	10
MacAdam Step:	3	Overvoltage protection:	10kV Common mode & 6kV Differential mode
Life Time LED 1:	51,000h - L90 - B10 (Ta 25°C)	Control:	Middle of the night
Life Time LED 2:	100,000h - L80 - B10 (Ta 25°C)		

Polar



Isolux

