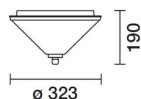


Last information update: May 2025

Product configuration: EM36

EM36: Pole-mounted system for urban and residential parks and gardens.

**Product code**

EM36: Pole-mounted system for urban and residential parks and gardens.

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. DALI 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

White (01) | Black (04) | Grey (15) | Rust Brown (F5)

Weight (Kg)

2.19

Mounting

pole-top

Wiring

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

Notes

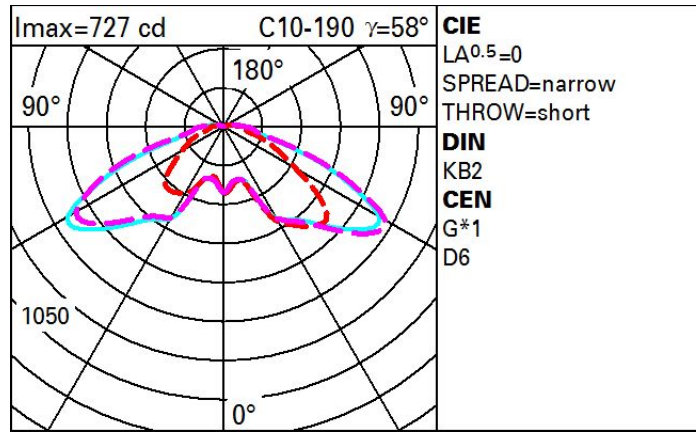
Overvoltage protection: 10kV Common Mode, 6kV Differential Mode

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	2020	Life Time LED 3:	43,000h - L90 - B10 (Ta 40°C)
W system:	20.1	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):	100.5	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]:	89	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	100	Intervallo temperatura ambiente:	from -40°C to 50°C.
Beam angle [°]:	98° / 114°	Lifetime of product at ambient operating temperature:	≥ 80.000h Ta=40°C
CRI (minimum):	65	Power factor:	See installation instructions
Colour temperature [K]:	2200	Inrush current:	21 A / 300 µs
MacAdam Step:	3	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 13 luminaires B16A: 21 luminaires C10A: 21 luminaires C16A: 35 luminaires
Life Time LED 1:	54,000h - L90 - B10 (Ta 25°C)	Overvoltage protection:	10kV Common mode & 6kV Differential mode
Life Time LED 2:	100,000h - L80 - B10 (Ta 25°C)	Control:	DALI-2

Polar



Isolux

