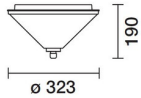


Last information update: March 2025

**Product configuration: EP37**

EP37: Pole-mounted system street optic



**Product code**

EP37: Pole-mounted system street optic

**Technical description**

Outdoor luminaire with a street optic (ST1.2), 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. Complete with circuit featuring Warm White monochrome LEDs and polymer optic multilayer lenses. Inside there is an anti-reflection film and a cover to stop light pollution. Changeable driver and LEDs. MIDNIGHT 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 ø 60mm and 76mm end part using X102 and X126 accessories. Secured to the pole by two bolts.

**Colour**

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

**Weight (Kg)**

4

**Mounting**

pole-top

**Wiring**

The product is supplied wired and with an outlet cable.

**Notes**

Overvoltage protection: 9KV Common Mode, 6KV Differential Mode.

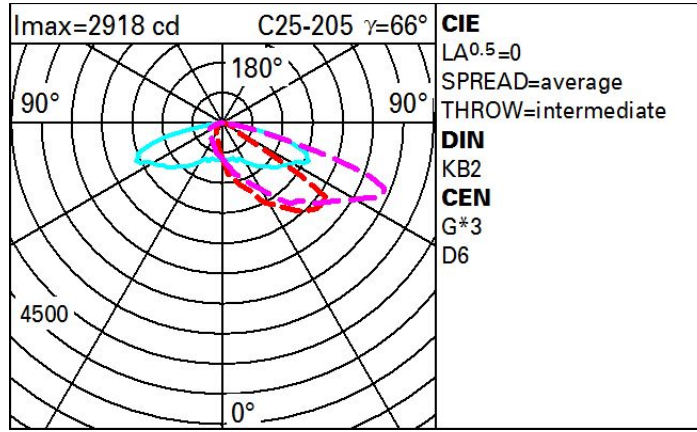
Complies with EN60598-1 and pertinent regulations



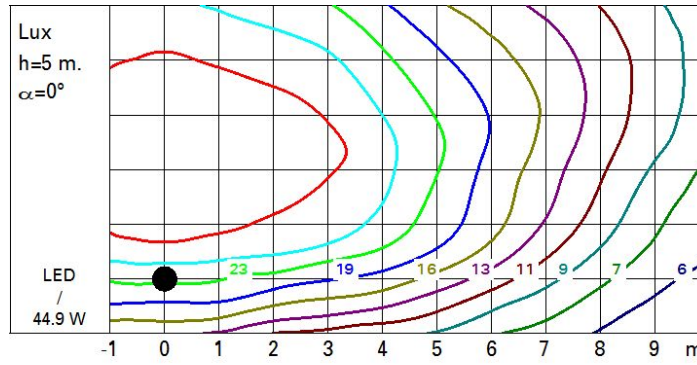
**Technical data**

Im system:	4170	Voltage [Vin]:	230
W system:	44.9	Lamp code:	LED
Im source:	-	Number of lamps for optical assembly:	1
W source:	-	ZVEI Code:	LED
Luminous efficiency (Im/W, real value):	92.9	Number of optical assemblies:	1
Im in emergency mode:	-	Intervallo temperatura ambiente:	from -40°C to 50°C.
Total light flux at or above an angle of 90° [Lm]:	27	Lifetime of product at ambient operating temperature:	≥ 80.000h Ta=40°C
Light Output Ratio (L.O.R.) [%]:	100	Power factor:	See installation instructions
CRI (minimum):	70	Inrush current:	62 A / 202 µs
Colour temperature [K]:	3000	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 6 luminaires B16A: 10 luminaires C10A: 10 luminaires C16A: 17 luminaires
MacAdam Step:	3	Minimum dimming %:	10
Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)	Overvoltage protection:	10kV Common mode & 6kV Differential mode
Life Time LED 2:	55,000h - L90 - B10 (Ta 40°C)	Control:	Middle of the night
Life Time LED 3:	100,000h - L80 - B10 (Ta 40°C)		

**Polar**



**Isolux**



**Utilisation factors**

