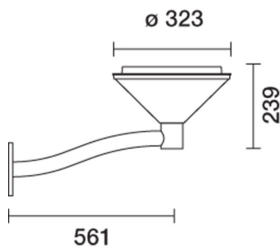


Last information update: November 2024

**Product configuration: EP44**

EP44: Wall-mounted system with street optic.

**Product code**

EP44: Wall-mounted system with street optic.

**Technical description**

Outdoor luminaire with a street optic (ST1.2), designed to use LED lamps, supplied with a painted steel wall-mounted arm L=561mm. The optical assembly is 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. Diffusor made of shockproof, UV-stabilised injection moulded polycarbonate. Complete with circuit featuring Warm White monochrome LEDs and polymer optic multilayer lenses. Inside there is an anti-reflection film, a cover to stop light pollution and a special glass cover for the wall-mounting. Changeable driver and LEDs. Electronic MIDNIGHT driver with automatic internal temperature control system. All external screws are made of stainless steel.

**Installation**

Wall-mounted installation.

**Weight (Kg)**

6.5

**Mounting**

pole-top

**Wiring**

The product is supplied wired and with an outlet cable.

**Notes**

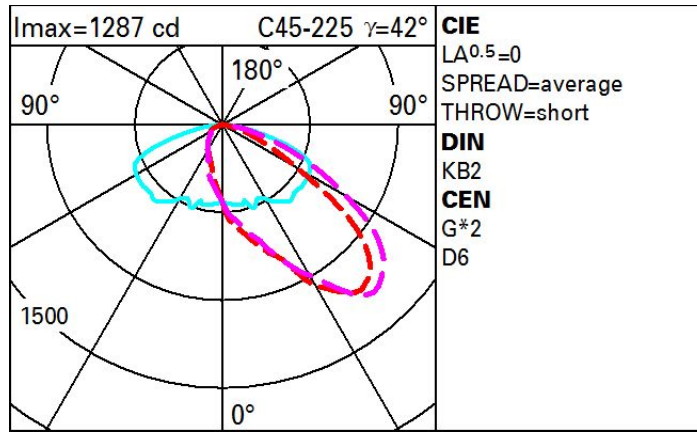
Overvoltage protection: 9KV Common Mode, 6KV Differential Mode.

Complies with EN60598-1 and pertinent regulations

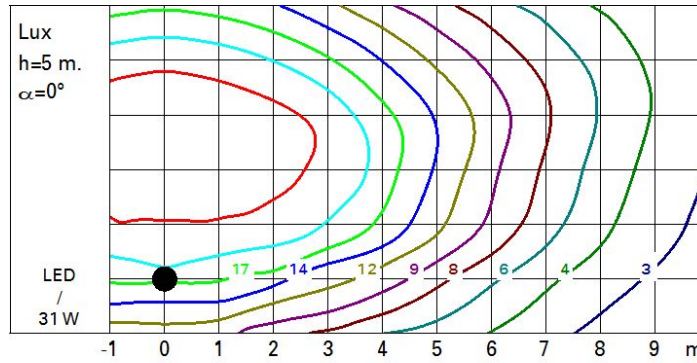
**Technical data**

lm system:	2380	Voltage [Vin]:	230
W system:	31	Lamp code:	LED
lm source:	-	Number of lamps for optical assembly:	1
W source:	-	ZVEI Code:	LED
Luminous efficiency (lm/W, real value):	76.8	Number of optical assemblies:	1
lm in emergency mode:	-	Intervallo temperatura ambiente:	from -40°C to 50°C.
Total light flux at or above an angle of 90° [Lm]:	18	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:	31 A / 186 µs
Colour temperature [K]:	3000	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 18 luminaires B16A: 30 luminaires C10A: 31 luminaires C16A: 51 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:	100,000h - L90 - B10 (Ta 40°C)	Control:	Middle of the night

**Polar**



**Isolux**



**Utilisation factors**

