

Last information update: May 2018

**Pole-mounted system street optic.****Product code**

E873

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. Diffusor made of shockproof, UV-stabilised injection moulded polycarbonate. Complete with circuit having Neutral White monochrome LEDs and polymer optic multilayer lenses. Changeable driver and LEDs. Driver with Midnight profile 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.

Dimension (mm)

Ø650x190

Colour

Grey (15)

Weight (Kg)

3.88

Mounting

pole-top

Wiring

The product is supplied wired and with an outlet cable.

Notes

Overvoltage protection: 10KV Common mode, 6KV differenzial mode

Complies with EN60598-1 and pertinent regulations

**Product configuration: E873****Product characteristics**

Total lighting output [Lm]: 4530
Total power [W]: 46
Luminous efficacy [Lm/W]: 98.5
Life Time: 100,000h - L90 - B10 (Ta 25°C)
Ambient temperature range: from -20°C to +35°C. (*)

Total luminous flux at or above an angle of 90° [Lm]: 28
Emergency luminous flux [Lm]: /
Voltage [V]: -
Life Time: 100,000h - L80 - B10 (Ta 25°C)
Number of optical assemblies: 1

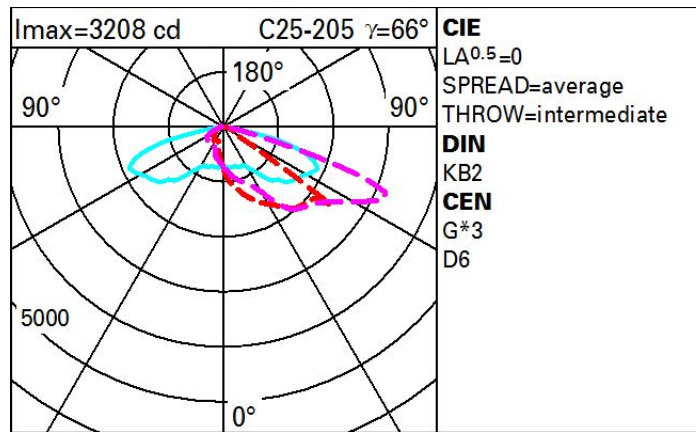
* Preliminary data

Optical assembly Characteristics Type 1

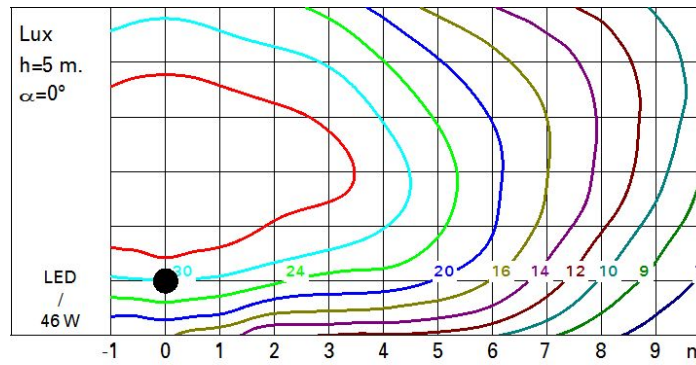
Light Output Ratio (L.O.R.) [%]: 100
Lamp code: LED
ZVEI Code: LED
Nominal power [W]: /
Nominal luminous [Lm]: /
Lamp maximum intensity [cd]: /
Beam angle [°]: /

Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 5
Colour temperature [K]: 4000
CRI: 70
Wavelength [Nm]: /
MacAdam Step: 5

Polar



Isolux



Utilisation factors

