

Last information update: May 2018

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

E839

Technical description

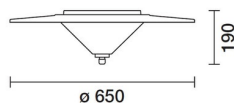
Outdoor luminaire with a street optic (ST1.2), designed to use LED lamps. The optical assembly and the pole attachment system are made of EN1706AC 46100LF aluminium alloy and subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface 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 fitted with Warm White 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. Electronic selv driver with automatic internal temperature control system.

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: 6KV Common mode, 7KV differenzial mode

Complies with EN60598-1 and pertinent regulations

**Product configuration: E839****Product characteristics**

Total lighting output [Lm]: 1010
 Total power [W]: 10.7
 Luminous efficacy [Lm/W]: 94.4
 Life Time: 100,000h - L90 - B10 (Ta 25°C)
 Life Time: 100,000h - L90 - B10 (Ta 40°C)
 Ambient temperature range: from -20°C to +35°C. (*)

Total luminous flux at or above an angle of 90° [Lm]: 5
 Emergency luminous flux [Lm]: /
 Voltage [V]: -
 Life Time: 100,000h - L80 - B10 (Ta 25°C)
 Life Time: 100,000h - L80 - B10 (Ta 40°C)
 Number of optical assemblies: 1

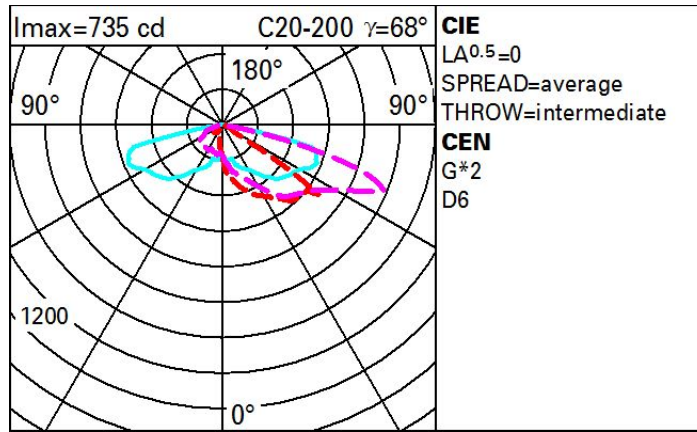
* Preliminary data

Optical assembly Characteristics Type 1

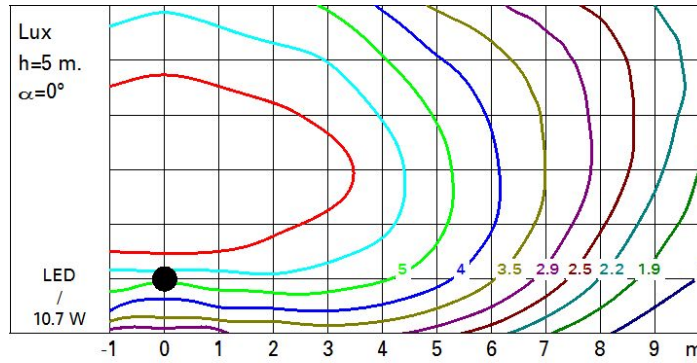
Light Output Ratio (L.O.R.) [%]: 100
 Lamp code: LED
 ZVEI Code: LED
 Nominal power [W]: /
 Nominal luminous [Lm]: /
 Lamp maximum intensity [cd]: /
 Beam angle [°]: /

Number of lamps for optical assembly: 1
 Socket: /
 Ballast losses [W]: 2.3
 Colour temperature [K]: 3000
 CRI: 70
 Wavelength [Nm]: /
 MacAdam Step: 5

Polar



Isolux



Utilisation factors

