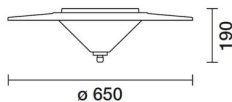


Last information update: May 2024

### Product configuration: E839

E839: Pole-mounted system street optic.



### Product code

E839: Pole-mounted system street optic. **Attention! Code no longer in production**

### 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 luminaire 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

Grey (15)

### 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



### Technical data

Im system:	1010.0	MacAdam Step:	5
W system:	10.7	Life Time LED 1:	100,000h - L90 - B10 (Ta 25C)
Im source:	1010	Life Time LED 2:	100,000h - L80 - B10 (Ta 25C)
W source:	8.4	Life Time LED 3:	100,000h - L90 - B10 (Ta 40C)
Luminous efficiency (Im/W, real value):	94.39	Life Time LED 4:	100,000h - L80 - B10 (Ta 40C)
Im in emergency mode:	-	Lamp code:	LED
Total light flux at or above an angle of 90° [Lm]:	5.45	Number of lamps for optical assembly:	1
Light Output Ratio (L.O.R.) [%]:	100	ZVEI Code:	LED
Beam angle [°]:	156° / 69°	Number of optical assemblies:	1
CRI:	70	Intervallo temperatura ambiente:	from -40°C to 50°C.
Colour temperature [K]:	3000	Control:	On/off