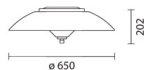


Last information update: May 2024

**Product configuration: E231**

E231: Pole-mounted system for urban and residential parks and gardens.

**Product code**E231: Pole-mounted system for urban and residential parks and gardens. **Attention! Code no longer in production****Technical description**

Outdoor luminaire with a street optic, 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. Diffuser made of shockproof, UV-stabilised injection moulded polycarbonate. Complete with circuit featuring monochrome LEDs and optics with polymer multilayer lenses. Replaceable driver and LEDs. Electronic selv driver with automatic internal temperature control system. All external screws are made of stainless steel.

**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 1500mm long.

**Notes**

Overvoltage protection: 6KV Common Mode, 7KV Differential Mode

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	910.0	MacAdam Step:	5
W system:	10.7	Life Time LED 1:	100,000h - L90 - B10 (Ta 25C)
Im source:	910	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):	85.05	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]:	0.0	Number of lamps for optical assembly:	1
Light Output Ratio (L.O.R.) [%]:	100	ZVEI Code:	LED
Beam angle [°]:	128° / 57°	Number of optical assemblies:	1
CRI:	70	Intervallo temperatura ambiente:	from -40°C to 50°C.
Colour temperature [K]:	4000	Control:	On/off