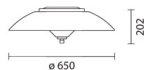


Last information update: November 2024

**Product configuration: E209**

E209: Pole-mounted system for urban and residential parks and gardens.

**Product code**E209: Pole-mounted system for urban and residential parks and gardens. **Attention! Code no longer in production****Technical description**

Outdoor luminaire with a symmetrical optic, designed to use LED lamps. Version with cut-off that eliminates skyward flux dispersion. 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 fitted with 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. 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**

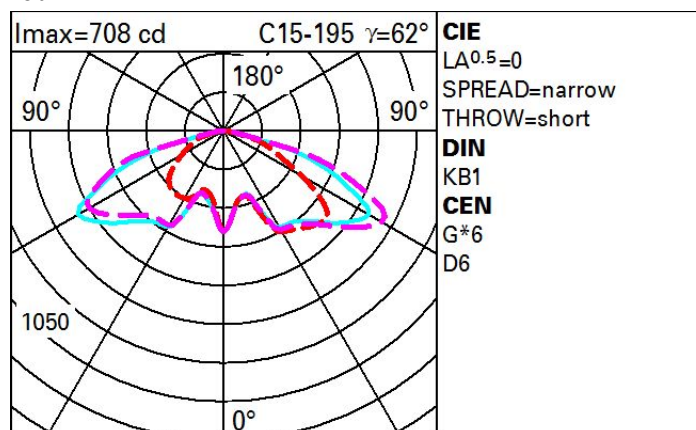
Overvoltage protection: 6KV Common Mode, 5KV Differential Mode

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	1890	MacAdam Step:	2
W system:	20	Life Time LED 1:	59,000h - L90 - B10 (Ta 25°C)
Im source:	-	Life Time LED 2:	100,000h - L80 - B10 (Ta 25°C)
W source:	-	Life Time LED 3:	34,000h - L90 - B10 (Ta 40°C)
Luminous efficiency (Im/W, real value):	94.5	Life Time LED 4:	100,000h - L80 - B10 (Ta 40°C)
Im in emergency mode:	-	Lamp code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of lamps for optical assembly:	1
Light Output Ratio (L.O.R.) [%]:	100	ZVEI Code:	LED
Beam angle [°]:	79° / 74°	Number of optical assemblies:	1
CRI:	80	Intervallo temperatura ambiente:	from -20°C to +35°C. (*)
Colour temperature [K]:	3000	Control:	On/off

\* Preliminary data

**Polar**

# Isolux

