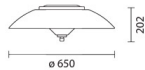


Last information update: May 2018



**Pole-mounted system for urban and residential parks and gardens.**

**Product code**  
E204

**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 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)**  
Ø650x202

**Colour**  
Grey (15)

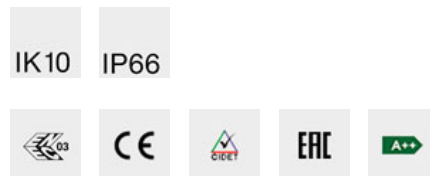
**Weight (Kg)**  
4.89

**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



**Product configuration: E204**

**Product characteristics**

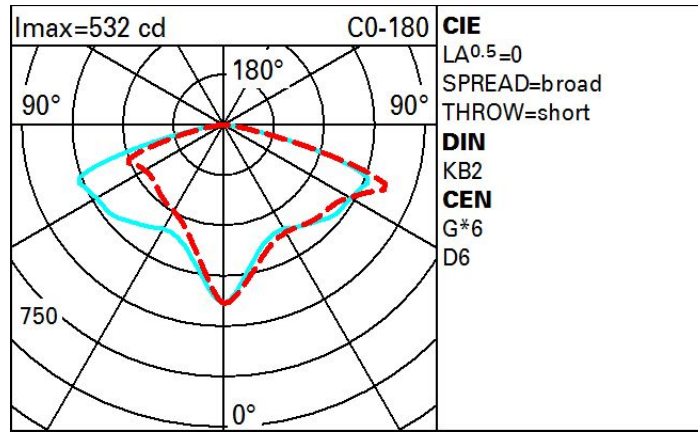
Total lighting output [Lm]: 1990	Total luminous flux at or above an angle of 90° [Lm]: 0
Total power [W]: 20	Emergency luminous flux [Lm]: /
Luminous efficacy [Lm/W]: 99.5	Voltage [V]: -
Life Time: 59,000h - L90 - B10 (Ta 25°C)	Life Time: 100,000h - L80 - B10 (Ta 25°C)
Life Time: 34,000h - L90 - B10 (Ta 40°C)	Life Time: 100,000h - L80 - B10 (Ta 40°C)
Ambient temperature range: from -20°C to +35°C. (*)	Number of optical assemblies: 1

\* Preliminary data

**Optical assembly Characteristics Type 1**

Light Output Ratio (L.O.R.) [%]: 100	Number of lamps for optical assembly: 1
Lamp code: LED	Socket: /
ZVEI Code: LED	Ballast losses [W]: 3
Nominal power [W]: /	Colour temperature [K]: 4000
Nominal luminous [Lm]: /	CRI: 80
Lamp maximum intensity [cd]: /	Wavelength [Nm]: /
Beam angle [°]: /	MacAdam Step: 2

**Polar**



**Isolux**

