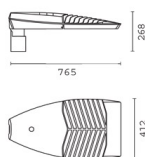


Last information update: May 2018

**Pole-mounted system – A60 optic – Warm White – Middle of the Night - ø46–60–76mm****Product code**

ED27

Technical description

Outdoor luminaire with direct light asymmetric optic for increased visual comfort, 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 resistance. Option of also adjusting, with a graduated scale, the inclination in relation to the road surface of +15°/-10° (in 5° steps) for a pole-top installation and +5°/20° (in 5° steps) for a lateral installation. 5 mm thick tempered sodium-calcium closure glass. The glass secured to the frame closes the led optical assembly which is secured to the components assembly with a hinge and 2 screws. The high IP rating is guaranteed by the silicone gasket placed between the two elements. Complete with circuit featuring monochrome LEDs and silver aluminium reflectors. LED assembly can be replaced directly on site.

Installation

The floodlight can be installed with pole-top or lateral mounting using a die-cast aluminium pole-top for diameters of 46/60/76 mm. Diameters from 60 to 76 mm without using the standard adaptor, and from 46 to 60 mm with the adaptor. Secured to the pole by two bolts and two safety locking nuts.

Dimension (mm)

765x412x268

Colour

Grey (15)

Weight (Kg)

15.3

Mounting

wall | pole-top

Wiring

The pole-top attachment guarantees the completely safe passage of power cables, avoiding piercing. 6-pole terminal board for ø 7-14mm cables. Overvoltage protection: 10KV Common Mode and 6KV Differential Mode

Complies with EN60598-1 and pertinent regulations

**Product configuration: ED27****Product characteristics**

Total lighting output [Lm]: 10850
 Total power [W]: 85.4
 Luminous efficacy [Lm/W]: 127
 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]: 0
 Emergency luminous flux [Lm]: /
 Voltage [V]: 230
 Life Time: 100,000h - L80 - B10 (Ta 25°C)
 Life Time: 100,000h - L80 - B10 (Ta 40°C)
 Number of optical assemblies: 1

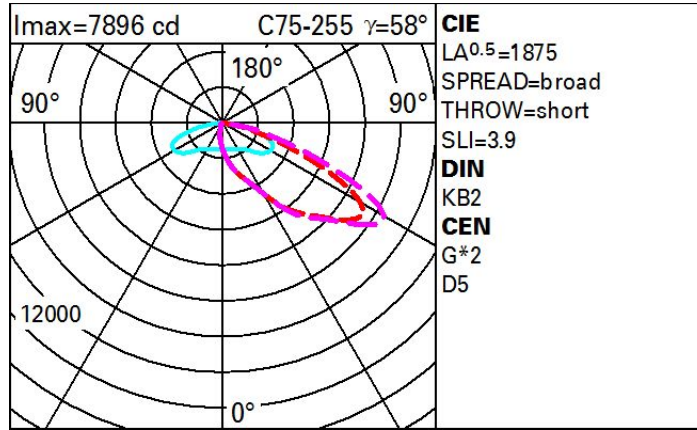
* Preliminary data

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]: 7.4
 Colour temperature [K]: 3000
 CRI: 70
 Wavelength [Nm]: /
 MacAdam Step: 5

Polar



Isolux

