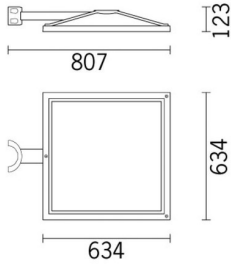


Last information update: June 2018

**U.F.O. - Pole-mounted system - Large body optical assembly - Warm White - SC optic****Product code**

BL18

Technical description

Outdoor luminaire with roto-symmetrical optic (SC) and direct light giving high level visual comfort (G5), designed to use LED lamps. Optical assembly made of die-cast aluminium, with dual phosphorous - chromium plating of the base, passivation at 120°C, RAL 9007 grey liquid paint, curing at 150°C. Opal polycarbonate closing glass with silicone seal for the frame closes the LED assembly, fixed to the component-holder box by 3 screws. The high IP66 rating is guaranteed by the 60 Shore silicone seal interposed between the two elements. Complete with circuit having Warm White (3000K) monochrome LEDs. Replaceable LED unit. Control gear, connected using quick-couplings, can be removed using clips. Driver with automatic inner temperature control system. Driver with 4 operating profiles, fixed profile at 100% and three different profiles with midnight point recognition and dimming period duration of 6h/8h/10h. Profiles can be selected using microswitches (operating cycles can be customised using dedicated software). Selv 220-240V ac 50/60Hz electronic ballast. Replaceable control gear unit. The optical assembly is fixed to the arm by 4 fixing screws with anti-loosening device. The light flow emitted in the upper hemisphere of the System in the horizontal position is null (in conformity with the strictest standards for the prevention of light pollution). All external screws used are made of stainless steel.

Installation

The floodlight can be installed using steel arms for diameters $\varnothing 76/102$ mm. For diameters $\varnothing 60$ mm to $\varnothing 89$ mm use the adapter.

Dimension (mm)

634x634x123

Colour

Grey/White (B5)

Weight (Kg)

13.87

Mounting

pole arm|pole-top side entry|pole-top

Wiring

The product is powered by cables from a pre-wiring box with terminal block and 4A T fuse. Resistance to mains voltage peaks up to 10KV (with varistor). Product perfect watertightness at the power cable entry point is guaranteed by the nickel-plated brass M24 cable clamp (suitable for cables with $\varnothing 7$ mm- $\varnothing 16$ mm).

Complies with EN60598-1 and pertinent regulations

**Product configuration: BL18****Product characteristics**

Total lighting output [Lm]: 4840
 Total power [W]: 54
 Luminous efficacy [Lm/W]: 89.6
 Life Time: 50,000h - L80 - B10 (Ta 25°C)
 Ambient temperature range: from -20°C to +35°C.

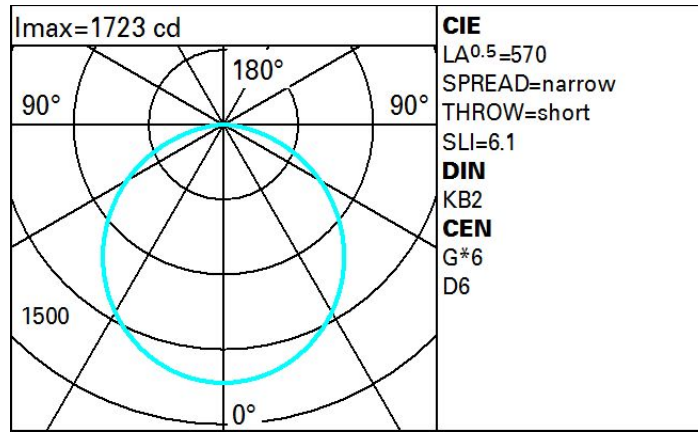
Total luminous flux at or above an angle of 90° [Lm]: 0
 Emergency luminous flux [Lm]: /
 Voltage [V]: -
 Life Time: 50,000h - L80 - B10 (Ta 40°C)
 Number of optical assemblies: 1

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]: 5
 Colour temperature [K]: 3000
 CRI: 80
 Wavelength [Nm]: /
 MacAdam Step: 3

Polar



Isolux

