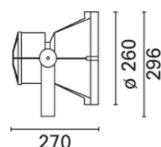


Last information update: June 2018

**Floodlight - LED - Warm White - with Spot (S) optic****Product code**

6147

Technical description

Direct light luminaire, designed to use Warm White monochrome LED lamps, with Flood optic. Can be installed at ground level, on walls (using screw anchors) and on pole mounting systems. Consists of an optical assembly and bracket. The optical assembly and frame are made of aluminium alloy coated with liquid acrylic paint with a high level of weather and UV ray resistance. The frame is fastened to the optical assembly by captive screws and a stainless steel retaining cable. Slots in the frame allow rainwater drainage. The 4 mm thick tempered sodium-calcium closing glass with customised serigraphy is fitted with a 50-60 Shore A silicone seal. The glass+seal assembly is fixed to the frame using silicone. Complete with 3100K monochrome LEDs with a 24 LED circuit, optics with plastic lens and equipped with electronic ballast. The ballast holding plate is made of metal, whilst the box and rear cover are painted aluminium alloy. Complete with spacers and captive screws. The floodlight can be adjusted $\pm 115^\circ$ in the vertical plane using a painted steel bracket, with a graduated scale showing 10° steps and mechanical stops to guarantee stable aiming of the beam of light. Horizontal aiming is performed using the holes and slots in the bracket. Access to the optical assembly is simpler thanks to a nickel-plated brass decompression valve which eliminates the product internal vacuum. Set up for pass-through wiring using a double M24x1.5 nickel-plated brass cable gland (suitable for cables with 7-16mm diameter). All external screws used are made of A2 stainless steel and are of the captive type. The luminaire technical characteristics conform to EN60598-1 standards and particular requirements.

Installation

The luminaire can be installed at ground level or on walls using the supporting bracket fixed with screw anchors (Fisher type or similar). It can also be installed in the Multiwoody and Citywoody pole system.

Dimension (mm)

Ø260x270

Colour

Grey (15)

Weight (Kg)

4.57

Mounting

wall arm|wall surface|ground anchored|free standing

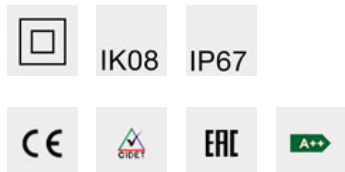
Wiring

Control gear complete with electronic ballast (90-264Vac 50/60Hz) and quick-coupling terminals.

Notes

Upon request version available with Neutral White 4200K LEDs (code 6146). Accessories available: visor, directional flaps, louvre, protective grille and floor anchor plate.

Complies with EN60598-1 and pertinent regulations

**Product configuration: 6147****Product characteristics**

Total lighting output [Lm]: 2490
Total power [W]: 29
Luminous efficacy [Lm/W]: 85.9
Life Time: 100,000h - L80 - B10 (Ta 25°C)
Ambient temperature range: from -20°C to +35°C.

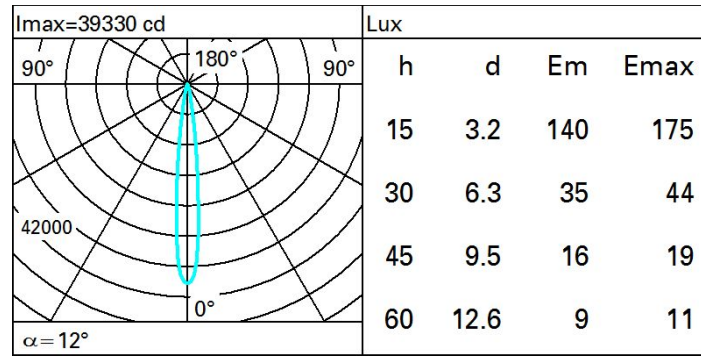
Total luminous flux at or above an angle of 90° [Lm]: 0
Emergency luminous flux [Lm]: /
Voltage [V]: -
Life Time: 100,000h - L80 - B10 (Ta 40°C)
Number of optical assemblies: 1

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 83
Lamp code: LED
ZVEI Code: LED
Nominal power [W]: 24
Nominal luminous [Lm]: 3000
Lamp maximum intensity [cd]: /
Beam angle $^\circ$: 12°

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

