

Compliance

Complies with EN 60598-1; EN 60598-2-3; 2004/108/CE; 2006/95/CE; EN 62031; EN 61347-2-13; EN 60838-2-2; EN 55015 EMC; EN 61547 EMC; EN 61000-3-2/3; No photobiological risk (EN 62471:2008).

Fixing

Threaded 3/4"GAS with cable gland on the upper frame. Suitable only for suspended installation.

Size and Weight

Height 31 cm, diameter Ø 36,5 cm. Weight 10 kg. Area exposed to wind pressure S = 0,064 m².

Materials

Structure made of durable and recyclable materials: cast aluminium (EN-AB 47000) and hot galvanized steel (S235JR EN 10025-2). Stainless steel screws.

Protection of surfaces

Ral 9010 for body and grey colour for the crown. Please refer to the specification on painting procedures of the fixture's materials.

Structure and main components

Hemispherical body in cast aluminum, composed of two elements fixed to each other by three M6 screws in stainless steel; Reflector made in sheet of anodized aluminium. Silicone gasket between the lower element and the glass. LED module (Philips Fortimo™ LED LLM) with aluminum heat sink. Screen in transparent flat serigraphed tempered glass, extraclear with high transmittance, equipped with steel safety cable (IK 08 - EN 62262). Electronic ballast with self diagnostic functions.

General Characteristics

Voltage 220-240V, 50/60 Hz frequency; Class II insulation (class I on request); Protection rating IP66; cos. φ ≥ 0.9 (using PFC). Nominal power from 38 to 59 W (depending on configuration). Flux emitted from 3000 to 4500 lm (variable depending on configurations). Operating temperature -30° C to +50° C. Terminal block for wires with a diameter of 2.5 mm² Fuse 250V-T6,3A (glass cartridge 5 X 20 mm).

Optic system - Fields of application

Optical system type 31 or 32, with a reflector that meets the lighting classes CE-S (see side picture). Height of the installation from 3,5 to 5,0 meters.

Light Source LED - Color temperature and flux size

Philips Fortimo LLM™ LED module, with inside LED sources with efficiency equal to 107 lm/W. Duration estimated 50,000 hours (L70 - Ta 25 °C). The LED module can be configured with two possible colour temperatures of 3.000K (cod. 1) or 4.000K (cod. 3). For each color temperature it is possible to choose two different sizes of flux according to actual lighting needs, on each size of flux are possible all functions of the drivers.

Code	Flux Size	Color Temp. 3000 K		Color Temp. 4000 K	
	lumen	Watt	lm/W	Watt	lm/W
F3	3000	40	75	38	78,9
F4	4500	59	76,2	56	80,3

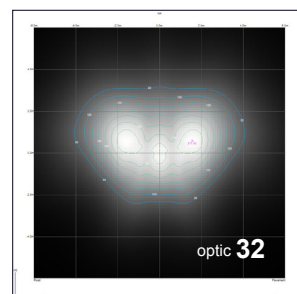
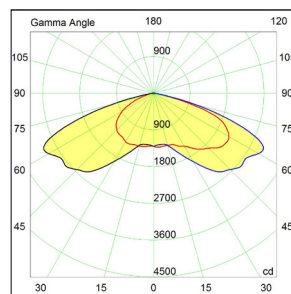
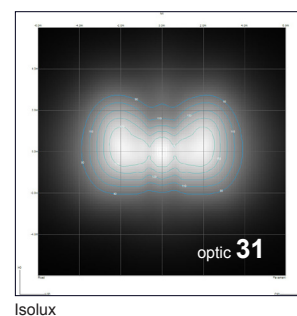
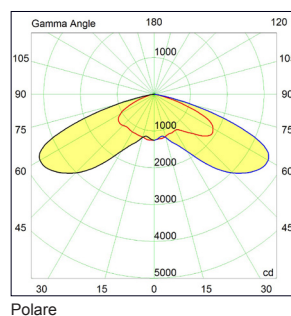
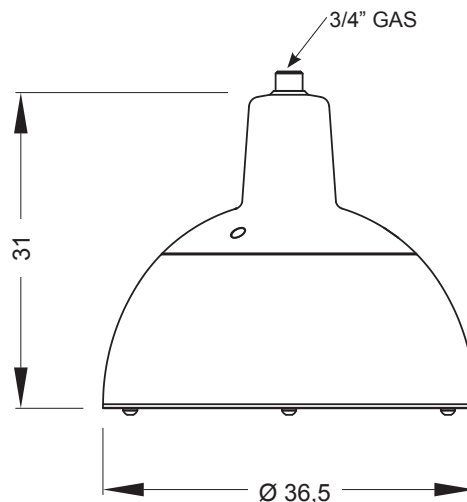
Driver

Electronic ballast with self-monitoring for control of temperatures.

Code	Function
02	1-10V Control + Costant Flux Control
14	6 - Hours Flux Reduction + Costant Flux Control

Function and Maintenance

To access the optical and wiring compartment, unscrew the four M6 screws and remove the protective screen Separate electronic ballast from LED module, individually replaceable. During installation, follow the instructions for the correct orientation on the support. No maintenance is required, except a periodic cleaning of the screen from dust.



Note: measures are in centimeters

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Fixing

Threaded 3/4"GAS with cable gland on the upper frame. Suitable only for suspended installation.

Size and Weight

Height 21 cm, diameter Ø 36,5 cm. Weight 9,5 kg. Area exposed to wind pressure S = 0,058 m².

Materials

Structure made of durable and recyclable materials: cast aluminium (EN-AB 47000) and hot galvanized steel (S235JR EN 10025-2). Stainless steel screws.

Protection of surfaces

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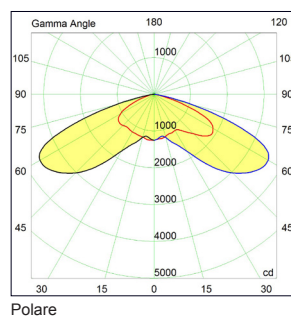
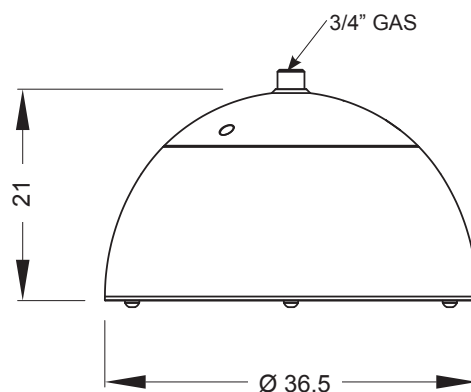
Driver

Electronic ballast with self-monitoring for control of temperatures.

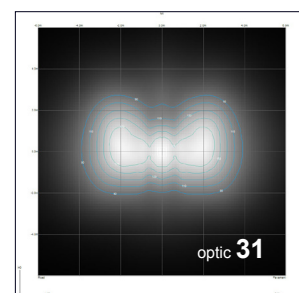
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Function and Maintenance

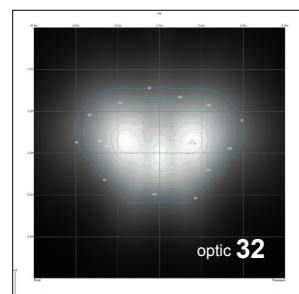
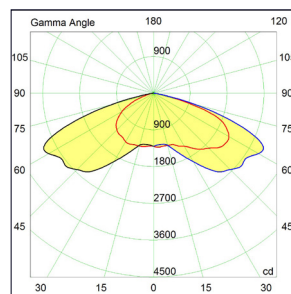
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Polare



Isolux



Isolux

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