

Description

Rectangular LED luminaire intended for horizontal wall mounting. Consisting of a housing that contains a high-power COB LED source. For up or downlight application. The LED is covered with a clear glass softlens to protect the LED from dust and to obtain a wide flood beam spread.

The electronic LED driver is built in at the housing, and available in various dimming protocols (see below). Also a Bluetooth connected version is available.

The fixture is mounted to the wall by means of two screws that are screwed through the backside of the housing, no extra installation plate needed.

No visible wires after installation, indoor use only (IP20 protected).

Materials

- Housing: aluminum diecast finished with a scratch resistant fine textured powder coating in matt white or matt black, general wall thickness 3mm
- Cover plate: galvanized steel finished with a scratch resistant fine textured powder coating in matt white or matt black, thickness 1,5mm
- LED protection cover: thermal resistant clear glass, softlens, thickness 4mm
- LED protection cover hold: stainless steel thickness 0.3mm

Technical characteristics

- Dimensions: 247 x 171 x 42 mm (L x W x H)
- COB high-power LED
- Colour temperature: 2700, 3000K or 4000K
- CRI90+
- 3SDCM
- Delivered lumens: 4679lm (@3000K)
- Luminaire efficiency: 95%
- Power consumption: 47W (driver included)
- Luminaire efficacy: 99 lm/W
- Built-in LED driver: 1-10V, PushDim, DALI, Mains Trailing Edge dimmable.
Also dimmable via Bluetooth wireless signal
- Warranty period: 5 years on LED, 2 years on drivers
- Power: 220-230V, 50-60Hz
- Class 1 luminaire
- IP20, indoor use only
- Glow wire rating 960°C

Installation

Housing mounted directly to the wall by means of two chipboard screws of max. \varnothing 4.5mm (not included)

Electrical connection to the mains by means of a 5-pole screwless wire connector (included), suitable for through wiring and wiring from 0.5mm² to 2.5mm².

Accessories

None.

Standards and directives:

- 2006/95/EC - Low Voltage Directive
- 2004/108/EC - EMC Directive
- 2011/65/EU - RoHS Directive
- 2009/125/EC - ECODESIGN Directive
- 245/2009/EC + 347/2010/EU - ECO design Directive
- 1194/2012/EU - ECO design Regulation
- EN 60598-1:2008 +A11:2009 - Luminaires. General requirements and tests
- EN 62471:2008 - Photobiological safety of LED lamps and lamp systems
- EN 62493: 2010 - Assessment of lighting equipment related to human exposure to electromagnetic fields
- EN 60598-2-1 - Fixed general purpose luminaires
- EN 55015:2006 +A1:2007 +A2:2009 - Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
- EN 61000-3-2:2006 +A1,A2:2009 - Limits for harmonic current emissions (equipment input current \leq 16 A per phase)
- EN 61000-3-3:2013 - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current \leq 16 A per phase and not subject to conditional connection
- EN 61547:2009 - EMC Immunity Requirements
- EN 50581:2012 - Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

