

Description

Asymmetric triangular LED luminaire for wall mounting. Consisting of a housing that contains 1 printed circuit board soldered with 36 mid-power SMD LED's. For up and downlight application. The LED's are covered with PMMA diffuser to protect the LED's and to obtain a diffuse light effect. The electronic dimmable LED driver is built-in in the backside of the housing. The fixture is mounted on the wall by means of a galvanized steel bracket. Connection to the mains via splicing connectors and suitable for through wiring. All covered with an aluminium plate, kept in place by a magnet system which results in no visible screws or wires after installation.

Materials

- Shell: aluminium with scratch resistant fine textured powder coating in black or white
- Top cover: aluminium with scratch resistant fine textured powder coating in black or white
- Wall bracket: galvanized steelplate
- Diffuser: PMMA
- Led holder: galvanized steelplate

Technical characteristics

- Dimensions: 235 mm (L) x 159 mm (W) x 60 mm (H)
- LED printed circuit board (36x medium power SMD LED)
- Colour temperature: 2700 K or 3000 K
- CRI 90+
- 3SDCM
- Luminaire output: max. 818lm (for 3000K, white structure)
- Luminaire efficiency: 65.9%
- Power consumption: 11W
- UGR: 24.2 (for 3000K, white structure paint)
- Available in mains dimmable (trailing edge) and 1-10V/Pushdim version
- Warranty period: 5 years on LED lamps, 2 years on drivers
- Class 1
- Indoor use (IP20)

Installation

- Base mounted (galvanized steelplate) with four universal chipboard screws of max. \varnothing 5 mm (not included). Hole for connection to the mains centrally in the backplate (\varnothing 25mm). The luminaire can be easily pushed on the bracket and locked by two invisible screws. All is closed by a magnetic top cover.
- Electrical connection to mains with three 3-pole splicing connectors (0.2 – 4 mm²; included in product). Two extra splicing connectors included in case of 1-10V/Pushdim version

Accessories

- None

Standards and directives:

- 2006/95/EC - Low Voltage Directive
- 2004/108/EC - EMC Directive
- 2011/65/EU - RoHS Directive
- 2009/125/EC - ECO design Directive
- 245/2009/EC + 347/2010/EU - ECO design Directive
- 1194/2012/EU - ECOdesign 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

