

Description

Non-directional, round recessed luminaire with LED technology. The luminaire features a transparent glass to guarantee a IP55 certified level of protection.

Available in 3 different designs: curved, sharp or bevelled.

The unit can be combined with a square aluminium finishing plate to create a square recessed luminaire.

Materials

- Aluminium housing finished in fine-textured scratch-resistant powder coating in matt white or matt black
- Aluminium heatsink, bionic shaped for optimal heat dissipation
- High-gloss aluminium reflectors
- Stainless steel torsion springs
- Galvanised metal spring clip
- Safety glass

Technical characteristics

- Dimensions: 160 mm (ø) x 121 mm (H)
- Reflectors: spot (15°), medium (25°), flood (40°)
- COB high-power LED
- Colour temperature: 2700 K, 3000 K or 4000 K (3500 K available on request)
- CRI 90+
- 3 SDCM
- Luminaire output: 3600 lm (for 3000 K medium @1600 mA)
- Luminaire efficiency: 92%
- Power consumption: 48 W (@1600 mA)
- UGR 11 to 20 (depending on type and colour finish)
- Class 3
- Powered by electronic LED drivers: choose from driver matrix
- Warranty period: 5 years on LED lamps, 2 years on drivers
- Use: indoor

Installation

- Recessed mounting in ceiling. Recess dimensions: ø146 mm, H 250 mm. Fixation by means of torsion springs. Unit must not be covered with insulation.
- For installation in soft, acoustic ceilings: use square finishing plate for reinforcing ceiling tile.
- Electrical connection: connection to LED driver via two splicing connectors (included with product).

Accessories

- Square finishing plate (mask) finished in fine-textured scratch-resistant powder coating in matt white or matt black.

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 - Ecodesign 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 60598-2-2:2012 - Recessed 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 ≤ 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 ≤ 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

