

Description

Cylindrical, adjustable surface mounted LED luminaire, consisting of two main components: the LED housing (with frontring and built-in dimmable LED driver) and a rod that makes the luminaire adjustable and that holds the ceiling unit.

The frontring contains a small matt black painted innerring, for optimal visual comfort.

The ceiling unit is holding the connection to the mains.

The LED housing can be rotated 360° around the ceiling unit and 90° around the rod.

The frontring contains the aluminium reflector.

No visible screws or wiring.

Materials

- Aluminium LED housing, front ring, back ring, ceiling unit and rod, all finished with a scratch resistant fine textured powder coating in white or matt black
- Anodised aluminium ceiling ring
- Reflector: high-gloss aluminium
- Innerring: aluminium, finished with scratch resistant powder coating in matt black

Technical characteristics

- Dimensions: $\varnothing 70$ mm x 168 mm (\varnothing x H excl. ceiling unit); $\varnothing 70$ mm x 210 mm (\varnothing x H incl. ceiling unit)
- Reflectors: medium (25°) and flood (40°)
- COB high-power LED
- Colour temperature: 2700K, 3000K or warm dim (1800K-3000K)
- CRI 90+
- 3SDCM
- Luminaire output: 920 lm (for 3000K, medium and white structure painted luminaire)
- Luminaire efficiency: 87%
- Power consumption: 13 W (driver included)
- UGR 16
- Available with mains dimmable (trailing edge) driver
- Warranty period: 5 years on LED lamps, 2 years on drivers
- Power: 220-230 V, 50-60 Hz
- Class 1
- Only for indoor use (IP20)

Installation

- Ring base mounted with two universal chipboard screws of max. $\varnothing 5$ mm (not included). The luminaire is kept on the base by means of two set screws.
- Connection to the mains by 3 included splice connectors (0.4-2.5mm²)

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 - 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 60598-2-1 - 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 ≤ 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

