

## Description

Surface mounted cylindrical housing for jack luminaires. Suitable for wall and ceiling application. Consists of a polycarbonate ceiling part that holds the female jack connector. An aluminium body part clicks on the ceiling plate and covers the female jack connector. The luminaire doesn't contain a LED driver, so must be combined with an appropriate constant current LED driver (350mA or 500mA). No visible screws or wires after installation. For indoor use (IP20).

## Materials

- Black injection moulded polycarbonate body
- Female connector body: black POM
- Aluminium cover, 2mm thick, finished with a scratch-resistant fine textured powder coating in white or matt black. Also available in bronze, silver bronze, champagne and matt black sanded anodization and in black chrome high gloss finish.

## Technical characteristics

- Dimensions:  $\varnothing 45 \times 34.5\text{mm}$  ( $\varnothing \times H$ )
- For connection to an electronic constant current LED driver: choose from driver matrix
- Class 3
- Only for indoor use (IP20)
- Glow wire rating: 960°C
- Lifetime: L80B20 @50.000 hours
- Warranty period: 5 years on LEDs, 5 years on drivers

## Installation

- Surface mounting on ceiling or wall by means of two  $\varnothing 4\text{mm}$  flathead screws (not included).
- Electrical connection: connection to a suitable constant current LED driver via 2 leads (red and black, 150mm each) and two splicing connectors suitable for stranded and solid wires from  $0.2\text{mm}^2$  to  $4\text{mm}^2$  (24-12 AWG) (included with product)
- The way of installation depends on the type of luminaire and type of ceiling (with trim or trimless).

## 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