

Description

Cylindrical track mounted LED luminaire, consisting of two main components: LED housing (with frontring) with built-in trailing edge dimmable LED driver and L-shaped pivoting bracket that holds the 3 phase adapter (non dimmable or DALI). On the back of the LED housing, a grid is mounted for optimal heat dissipation of both LED and LED driver.

The frontring contains the aluminium reflector, which can easily be taken out for adding a spreadlens or transparent protection glass.

The LED housing can be rotated 90° around the bracket and 365° around the adapter.

The phases of the universal 3 phase adapter can be easily chosen, simply by sliding a selector.

No visible screws or wiring.

Available in 2 versions: LED housing diameter 110mm and LED housing diameter 138mm.

Materials

- Aluminium LED housing, back grid and front ring, finished with a scratch resistant fine textured powder coating in white or matt black
- Aluminium L-shaped bracket finished with a scratch resistant fine textured powder coating in white or matt black
- Reflector: high-gloss aluminium
- Optional spread lens: polycarbonate
- Optional protection glass: transparent glass

Technical characteristics

- Dimensions Ø110 version: Ø110 mm x 221 mm (Ø x H excl. adapter)
- Dimensions Ø138 version: Ø138 mm x 245 mm (Ø x H excl. adapter)
- Reflectors Ø110 version: spot (15°), medium (25°), flood (40°), wide flood (60°)
- Reflectors Ø138 version: spot (15°), medium (25°), flood (40°), wide flood (60°)
- COB high-power LED
- Colour temperature: 2700 K, 3000K or 4000 K (3500 K available on request)
- CRI 90+
- 3SDCM
- Luminaire output Ø110: 3272 lm (for 3000 K, medium, white)
- Luminaire output Ø138: 4457 lm (for 3000 K, medium, white)
- Luminaire efficiency: 95%
- Power consumption: 45 W (for Ø110) and 56W (for Ø138)
- Built-in LED driver, mains (trailing-edge) dimmable or DALI dimmable
- Warranty period: 5 years on LED, 2 years on drivers
- Power: 220-230 V, 50-60 Hz
- Class 1
- Only for indoor use (IP20)

Installation

- For installation on a universal 3 phase track rail or Global Pulse 3 phase DALI track rail

Accessories

- Spreadlens
- Transparent protection glass
- Reflector

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 ≤ 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

