

## Description

Cylindrical, adjustable surface mounted LED luminaire with or without integrated LED driver. The luminaire consists of two main components: the LED housing (with frontring and built-in dimmable LED driver) and an L-shaped arm that makes the luminaire adjustable and that holds the universal 3-phase adapter (non dimmable or DALI). The LED housing is covered at the backside with a perforated aluminium cover to maintain proper heat management for both LED and LED driver. The phases of the universal 3 phase adapter can be easily chosen, simply by sliding a selector. The LED housing can be rotated 370° around the adapter and 90° around the arm. The frontring contains the aluminium reflector and a small matt black painted innerring for improved visual comfort. The LED engine can be removed from the frontring by a quarter turn. No visible wiring after installation.

## Materials

- Aluminium LED housing, back cover, and arm, all finished with a scratch resistant fine textured powder coating in white or matt black
- Reflector: high-gloss aluminium
- Frontring: aluminium, finished with high gloss chrome plating
- Innerring: aluminium, finished with a scratch resistant powder coating in matt black

## Technical characteristics

- Dimensions:  $\varnothing 118$  mm x 125.5mm ( $\varnothing$  x H excl. adapter);  $\varnothing 70$  mm x 132.5 mm ( $\varnothing$  x H incl. 184 incl. adapter)
- Reflector: medium (25°)
- COB high-power LED
- Colour temperature: 2700K or 4000K
- CRI 90+
- 3SDCM
- Luminaire output: 940 lm (for 2700K, medium and white structure painted luminaire)
- Luminaire efficiency: 87%
- Power consumption: 13.5W (driver included)
- UGR 16
- Available with mains dimmable (trailing edge) or DALI 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

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

## Accessories

- Spot (15°) and flood (40°) high gloss aluminium reflector
- Base flange and base flange tube to have a bigger mounting surface on the ceiling

## 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  $\leq 16$  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



Stove track LED

