

Description

Directional (0-25°) round recessed luminaire with COB LED technology, an aluminium reflector as Description

Directional (0-45°) round recessed luminaire with COB LED technology, an aluminium reflector as optical system and low recess depth (100mm).

The innerring is tiltable relative to the outerring from 0° to 45° to become a wallwash effect.

Materials

- Aluminium front ring finished in fine-textured scratch-resistant powder coating in matt white, matt black or donkey grey
- Aluminium heatsink, bionic shaped for optimal heat dissipation
- High-gloss aluminium reflector
- Stainless steel leaf springs
- Protection glass

Technical characteristics

- Dimensions: 120 mm (ø) x 99 mm (H)
- Reflectors: spot (15°), medium (25°) and 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: 2510lm (for 3000 K medium, @700mA)
- Luminaire efficiency: 94%
- Power consumption: 25W per LED unit (@700mA)
- For connection to an electronic constant current LED driver: choose from driver matrix
- Warranty period: 5 years on LED lamps, 2 years on drivers
- Class 3
- Indoor use (IP20)

Installation

- Recessed mounting in ceiling or wall. Recess dimensions: ø114 mm, H 200 mm. Fixation by means of leaf springs. Unit must not be covered with insulation.
- Electrical connection: connection to LED driver via two splicing connectors (included with product)

Accessories

Following accessories are all mounted on the front ring by means of a 'click', no tools needed:

- Spreadlens for wide light beam for wallwash purpose
- Crossblade to reduce glare
- Honeycomb to reduce glare

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

