

Description

Non-directional, cone-shaped recessed luminaire with COB LED technology. Available in 3 different designs: curved, sharp or bevelled. The 7 mm unit edge is hardly visible. Also available in a IP54 certified version for damp indoor areas. The luminaire can be combined with a surface or suspension mounted tube and a square or rectangular housing to create a surface-mounted luminaire. In addition, it can also be combined with a square or rectangular finishing plate, thus transforming the round recessed luminaire to a square recessed luminaire.

Materials

- Aluminium front ring finished in fine-textured scratch-resistant fine-textured powder coating or matt white. Also available in wet coating matt gold finish.
- Aluminium heatsink, bionic shaped for optimal heat dissipation
- High-gloss aluminium reflectors
- Matt diffuser in polycarbonate (for the IP54 version)
- Clear safety glass (for the IP54 version)

Technical characteristics

- Dimensions: 115 mm (∅) x 63 mm (H)
- Reflectors: spot (15°), medium (25°), flood (40°), wide flood (85° for diffuse version)
- COB high-power LED
- Colour temperature: 2700K, 3000K or 4000K (3500K available on request)
- CRI 90+
- 3 SDCM
- Luminaire output: 1434lm (for 3000K medium, bevelled design in white)
- Luminaire efficiency: 93%
- Power consumption: 16.25 W per LED module (@500 mA)
- UGR 17
- Powered by electronic LED drivers: choose from driver matrix
- Warranty period: 5 years on LED lamps, 2 years on drivers
- Class 3
- Use: indoor

Installation

- Recessed mounting in ceiling or wall. Recess dimensions: ∅108 mm, H 100 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).
- The recessed luminaire can be combined with a mounting ring for trimless installation (∅127).
- The recessed luminaire can be combined with a perforated aluminium plasterplate (190 x 190, ∅108 mm) or with a galvanised steel housing for recessed installation in concrete (190 x 192 x 130 mm).

Accessories

- Aluminium finishing plate, square (for 1 luminaire) or rectangular (for 2 luminaires), finished with fine-textured scratch-resistant powder coating in white, black or wet coating matt gold.
- Square (for 1 unit) or rectangular (for 2 units) surface mounting accessory (available with or without built-in LED driver), combined with square or rectangular finishing plate recessed by 10 mm in the dispatched in the housing. Surface mounting housing finished in scratch-resistant fine-textured powder coating in white or black.
- Cylindrical surface mounted housing with built-in driver (∅130 mm, height 123 mm) finished in scratch-resistant fine-textured powder coating in white or black or in brushed aluminium.
- Cylindrical housing for suspension mounting with built-in driver (∅130 mm, height 123 mm) finished in scratch-resistant fine-textured powder coating in white or black or in brushed aluminium. Provided with 2 meter white or black textile cable.
- Dome shaped surface suspended housing with or without built-in LED driver (∅152mm)
- Recessed housing for concrete (conbox)
- Plasterplate for plasterboard (gypkit)

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

