

Description

Recessed luminaire with square or rectangular front plate and circular recesses for 1, 2 or 3 high-power LED lamp units. The lamp units consist of a single ring and are bracket mounted. The lamp units can pivot 30° in both directions. The front rings of the lamp units can be removed to install additional accessories (see 'Accessories').

Materials

- Front plate and base: steel finished with scratch resistant fine textured powder coating in matt white or matt black
- Reflector: high-gloss aluminium
- Heatsink and front ring: aluminium finished with scratch resistant fine textured powder coating in matt white or matt black
- Mounting brackets: galvanised steel plate

Technical characteristics

- Dimensions 1 lamp unit: 135 mm x 135 mm x 200 mm (L x W x H)
- Dimensions 2 lamp units: 135 mm x 275 mm x 200 mm (L x W x H)
- Dimensions 3 lamp units: 135 mm x 415 mm x 200 mm (L x W x H)
- Reflectors: spot (15°), medium (25°), flood (40°)
- COB high-power LED
- Colour temperature: 2700K, 3000K or 4000K
- CRI 90+
- 3SDCM
- Luminaire output: 2756 lm (for 3000 K, medium, GE)
- Luminaire efficiency: 95%
- Power consumption: max. 31 W (at 1050 mA) per LED unit
- UGR: 14-21 (depending on the type of reflector and current)
- Only for indoor use

Installation

- Recessed in ceiling, held up by hinged brackets and rest on the ceiling
- Suitable for ceiling thicknesses from 1 to 26 mm

Accessories

- Transparent glass ø 79 (ref. 10212700)
- Honeycomb ø 79 (ref. 10212702)
- Spread lens ø 79 (ref. 10212703)

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

