

Description

Surface mounted aluminium LED armature consisting of a rectangular shaped ceiling base with built-in dimmable driver and equipped with either 1 or 2 rectangular shaped units with recessed LED COB light source. The lamp unit(s) can be rotated 360° vertically and 90° horizontally and are positioned asymmetrically on the base. No visible screws or other fixtures. The gearhousing can be finished with different cover plates.

Materials

- Ceiling base: aluminium finished with scratch resistant fine textured powder coating in black or white
- Ceiling base cover plates: aluminium in brushed finish, smoked bronze and high-gloss chrome or finished with scratch resistant fine textured powder coating in black or white
- Lamp unit: aluminium with scratch resistant fine textured powder coating in black or white
- Reflector: high-gloss aluminium
- Ceiling bracket: galvanized steelplate

Technical characteristics

- Dimensions 1 lamp unit: 247 mm x 78 mm x 124 mm (L x W x H)
- Dimensions 2 lamp units: 362 mm x 78 mm x 124 mm (L x W x H)
- Reflectors: medium (25°) and flood (40°)
- COB high-power LED
- Colour temperature: 2700K, 3000K or warm dim (1800K - 3000K)
- CRI 90+
- 3SDCM
- Luminaire output: 1233 lm total for 1 lamps version and 1800 lm total for 2 lamps version (for 3000K, medium and white structure painted luminaire)
- Luminaire efficiency: 87%
- Power consumption: 16 W for the 1L luminaire (power consumption of driver included), 25.7W for the 2L luminaire (power consumption of driver included)
- UGR 22
- Available with mains dimmable (trailing edge) or 1-10V/Pushdim driver
- Warranty period: 5 years on LED lamps, 2 years on drivers
- Lifetime: L80B20 @50000 hours
- Power: 220-230 V, 50-60 Hz
- Class 1
- Only for indoor use (IP20)

Installation

- Base mounted with four universal chipboard screws of max. $\varnothing 4.5$ (not included). The luminaire is kept on the base by means of two set screws
- Connection to the mains by 2 screw terminals (included)
- Connection for dimming (in case of 1-10V/Pushdim version) by 2 included splice connectors (0.4-2.5mm²)

Accessories

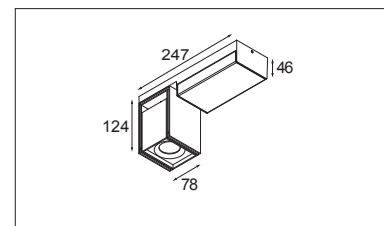
- None

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 ≤ 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



Rektor surface - 1L



Rektor surface - 2L

