

## Description

Recessed mounted aluminium LED armature consisting of a rectangular shaped lighting unit with recessed LED COB light source. The lamp unit can be rotated 360° vertically and 90° horizontally and is centrally positioned on a round base plate. The luminaire doesn't contain a LED driver, so has to be combined with an appropriate constant current driver of 500mA maximum. No visible screws or other fixtures.

## Materials

- Lamp unit: aluminium with scratch resistant fine textured powder coating in black or white
- Reflector: high-gloss aluminium
- Ceiling bracket: steelplate painted with scratch resistant fine textured powder coating in black or white

## Technical characteristics

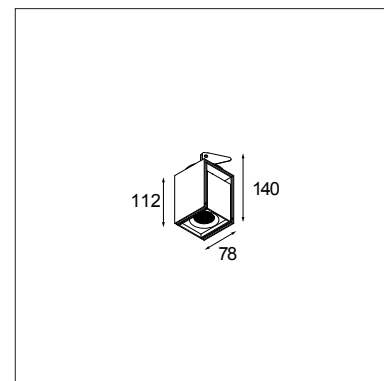
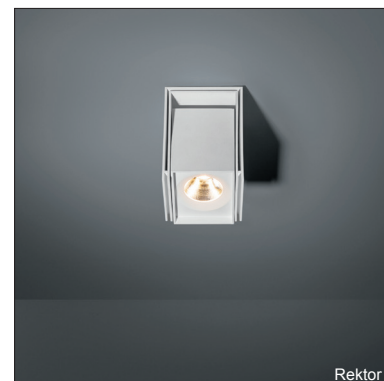
- Dimensions: 78 mm x 78 mm x 112 mm
- Reflectors: medium (25°) and flood (40°)
- COB high-power LED
- Colour temperature: 2700K or 3000K
- CRI 90+
- 3SDCM
- Luminaire output: 1234lm (for 3000K, medium reflector and white painted luminaire, driven @500mA)
- Luminaire efficiency: 86%
- Power consumption: 11W @350mA and 16.25W @500mA (power consumption of driver not included)
- UGR22
- Driver excluded
- To be connected to a 350mA or 500mA constant current driver
- Warranty period: 5 years on LED
- Class 3 luminaire
- Only for indoor use (IP20)
- For ceiling and wall application

## Installation

- Recess hole ø65mm, necessary built-in height 70mm
- Electrical connection to the driver by means of two splicing connectors 0,2-4mm², included in the product

## Accessories

- Conbox and gypkit for concrete and plastered ceilings



## 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