

## Description

Cone shaped deep recessed luminaire for use with optional dedicated LED module or used with (integrated) GU10 LED lamps.

IP20 rated, for indoor use only. Only suitable for ceiling application.

The luminaire consists of 3 main components: the cone shaped body, the lampring and a GU10 socket with a connection box (only for GU10 version).

The GU10 version comes in 3 variants: no lamp included, with an included LED lamp 2700K medium beam that can be controlled via connected technology, or with an included LED lamp which is tunable white (2200-6500K) also to be controlled via standard connected technology platform.

No visible screws or wiring after installation.

The luminaire can be combined with installation accessories such as a frame for use with plaster finish and/or sheet metal boxes for use in concrete or structural ceilings.

## Materials

- Aluminium body available in various finishes:
  - finished in fine-textured scratch-resistant powder coating matt black or matt white
  - finished in matt scratch-resistant wet paint, grinded anodization look: bronze, silver bronze, champagne, gold or black
- Leaf springs in stainless steel
- Aluminium lampring, finished in the same colours as the aluminium body
- Galvanised steelplate bracket that holds the electrical connection box (only for GU10 version)

## Technical characteristics

- Dimensions:  $\varnothing 82 \times 126$  mm (H) for the GU10 version,  $\varnothing 82 \times 48$  mm (H) for the version to be used with optional LED module
- Colour temperature: 2700K or tunable white (2200-6500K)
- Power consumption: 5.2W (2700K), 5W (tunable white)
- Class 2 (GU10), Class 3 (version with optional dedicated LED module)
- Use: indoor, dry locations, IP20
- Glow wire rating: 960°C

## Installation

Recess hole dimension  $\varnothing 76$ mm.

Version for use with optional LED module:

Electrical connection to LED driver by means of two leads (red and black, approx. 300mm each), and two 2-pole splicing connectors for wire sections from 0.2 to 4mm<sup>2</sup> - 24 to 12 AWG (included)

GU10 version:

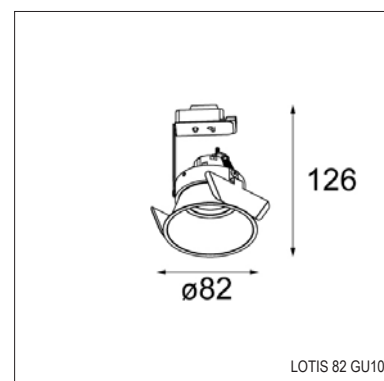
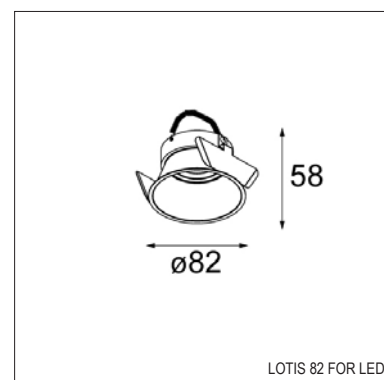
electrical connection to the mains via a 2-pole connector with screw terminals for wire sections up to 6mm<sup>2</sup> - 10 AWG. The connector is put in a plastic casing with a cover to keep Class 2 construction.

Recessed mounting in ceiling only.

## Accessories

Sheetmetal box for use in concrete or structural ceiling.

Galvanised perforated steelplate for use in ceilings which need plaster finish.



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  $\leq 16$  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  $\leq 16$  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