

## Description

Cylindrical electrical and mechanical recessed female connection point for LED luminaires that are fitted with a compatible 8.5mm male jack connector.

The connection point contains a miniaturized female connector of 8.5mm that is fitted with 150mm black and red leads. Only suitable for low voltage, direct current LED applications (<60 Vdc).

The connection point is intended to use in ceiling, wall and even desk or furniture panels.

The female connector is fitted in an aluminum body. The body has a tiny trim (1mm). The aluminum body has outer thread and holds a toothed washer, a lock washer and a nut (for an open ended spanner 19mm).

No visible screws after installation.

Only for indoor use, IP20 protection class.

## Materials

- Female connector body: black POM
- Aluminum body, finished with a scratch-resistant fine textured powder coating in white or matt black
- Toothed washer, lock washer and nut: galvanized steel

## Technical characteristics

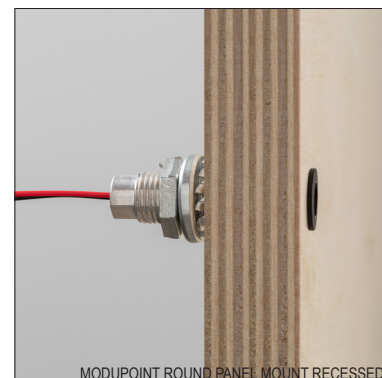
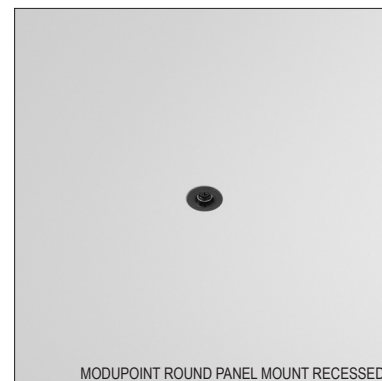
- Dimensions:  $\varnothing 14$  (frontside including trim),  $\varnothing 14$ mm backside of the body. Total height 40mm
- For connection to an electronic constant current LED driver: choose from driver matrix for suitable dimensions, wattage and type of dimming
- Warranty period: 5 years on LED, 2 years on drivers
- Glowwire rating: 960°C
- Class 3, only for SELV (<60Vdc)
- Only for indoor use (IP20)

## Installation

- For use with compatible LED luminaires.
- Recessed mounting in a false ceiling, wall or desk by means of a nut fixation. Access to the backside of the connection point is required to tighten the nut. An open ended spanner of width 19mm is required to install properly. Suitable for installation in panel thicknesses between 1 and 20mm. Required installation height is 70mm.
- A standard wood or metal drill is required to make the cut out hole of  $\varnothing 14$ mm.
- Electrical connection: connection to LED driver via 2 leads (red and black, 150mm each) and two splicing connectors suitable for stranded and solid wires from 0.2mm<sup>2</sup> to 4mm<sup>2</sup> (24-12 AWG) (included with product)

## Accessories

- Can be used with extension sticks to expand possibilities and configurations.



#### 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 therestriction of hazardous substances