

Installation Guide

LCC-10

Lighting Connection Centre



iLight

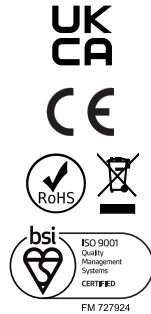
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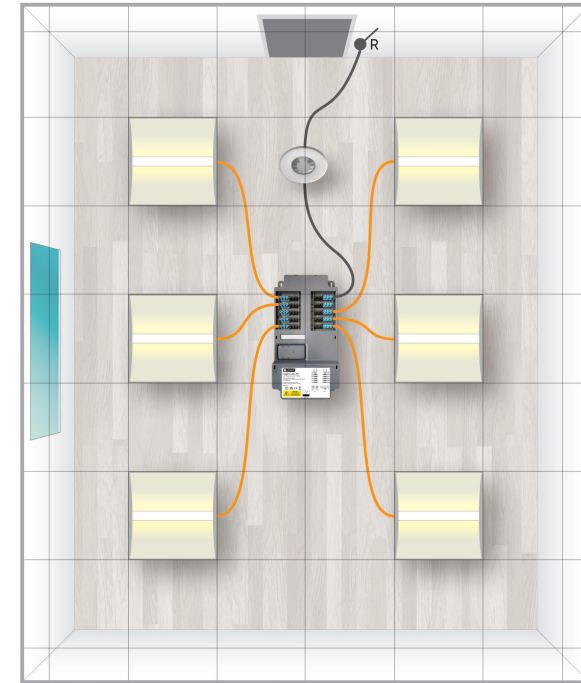
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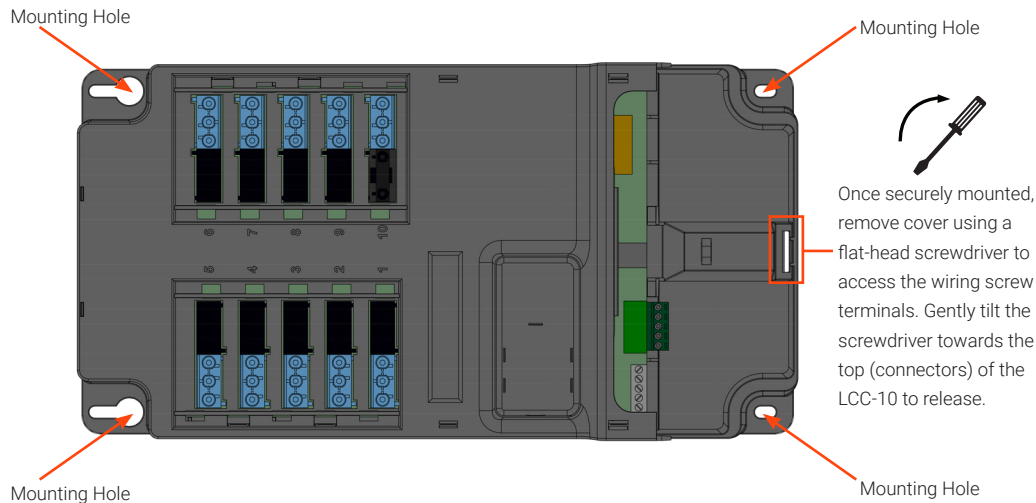


Typical Schematic



Mounting & Installation

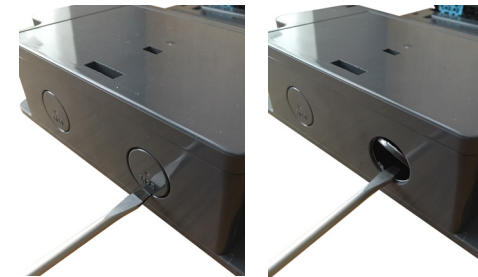
LCC-10 must be securely mounted to a suitable surface using the 4 mounting holes provided with fixings suitable for the substrate (Maximum fixing diameter 6mm). The LCC-10 can be mounted in any orientation to cable trays, walls and direct to a ceiling slab. All cables should be independently secured with appropriate fixing straps in accordance with local electrical regulations. Incoming mains, data and input cables should be installed using suitable compression cable glands to provide strain relief.



Removing Knockouts

The knockouts can be removed with a flat-head screwdriver in 2 simple steps:

1. Place the flat-head screwdriver into the slot of the knockout that is to be removed. The screwdriver must be placed in the slot nearest to the bottom of the enclosure (opposite the cover).
2. Hit the end of the screwdriver to shear the knockout and remove the rest of the knockout by hand if necessary.



Alternatively an appropriate sized hole saw can be used utilising the drill bit location point at the centre of each knockout.

Technical Data

Electrical Data

Supply: 230 volts +/- 10%, 50/60 Hz
Terminals max. wire size: 4mm² loop in/out
Maximum DALI cable length: 300m per LCM
Minimum DALI cable conductor diameter: 1.5mm²
Protection: Provided by installer - Use supply MCB, 16A or less

Mechanical Data

Dimensions: 200.2mm (w) x 382.8mm (h) x 57.5mm (d)
Maximum diameter of fixings: 6mm
Weight: 2.5 kg

Operating Conditions

Operating temperature: +2°C to +50°C
Max storage temperature: +60°C
Humidity: +5 to 95% non-condensing
Environmental protection: IP20

LCC-10

Lighting Control Centre

Typical Connection Diagram

Incoming Supply

230 volts +/- 10%, 50/60 Hz



Mains supply protection:

Provided by installer (16A Max)

IMPORTANT NOTE: If the external luminaire requires a protective earth for safety purposes then a protective earth must be installed during the installation process by a qualified installation engineer/ electrician to the local/national regulations. LCMD-10 does not provide a protective earth.

