

LCC-10

10 Port Lighting Connection Centre

Key Features

- Lighting connection centre for stand alone applications
- Single or dual channel configuration - 1 group of 10 or 2 groups of 5 outputs supporting mixed switched and DALI dimming
- Supports multiple applications utilising the iLight Solo sensor range
- Large wiring compartment with multiple terminals for each input for speed and ease of installation
- Independent permanent and switched live connections
- Wide range of complimentary connecting leads and plugs available
- Low profile, ideal for ceiling voids with limited space (Approximately 105mm depth, subject to cable type)
- Adds plug and play capability to iLight Enterprise DALI controllers
- CE & UKCA compliant to all relevant standards
- Designed and manufactured to ISO9001 standard

Overview

The iLight LCC-10 Lighting Connection Centre sits at the heart of the iLight Solo series providing a central connection point for stand alone lighting control systems. LCC-10 features a large wiring compartment with easy access to mains and DALI terminals. Both sides of the unit can be combined to support 10 outputs or used independently in 2 groups of 5 outputs.

The low profile design of the LCC-10 is ideal for low ceiling voids or mounting directly on cable tray.

LCC-10 can also be used for the connection of luminaires within an iLight Enterprise addressable DALI control system.



Mechanical Data

Fixings: 4 x 6mm keyhole slots

Suitable for cable tray fixings

Cable entry: 6 x 25mm knockouts

Easy to remove terminal cover with cable support

Large wiring compartment for ease of installation

Blue/black GST/18 plugs

Weight: 1.25 kg

Operating temperature: +2°C to +50°C

Max storage temperature: +60°C

Humidity: +5 to 95% non-condensing

Electrical Data

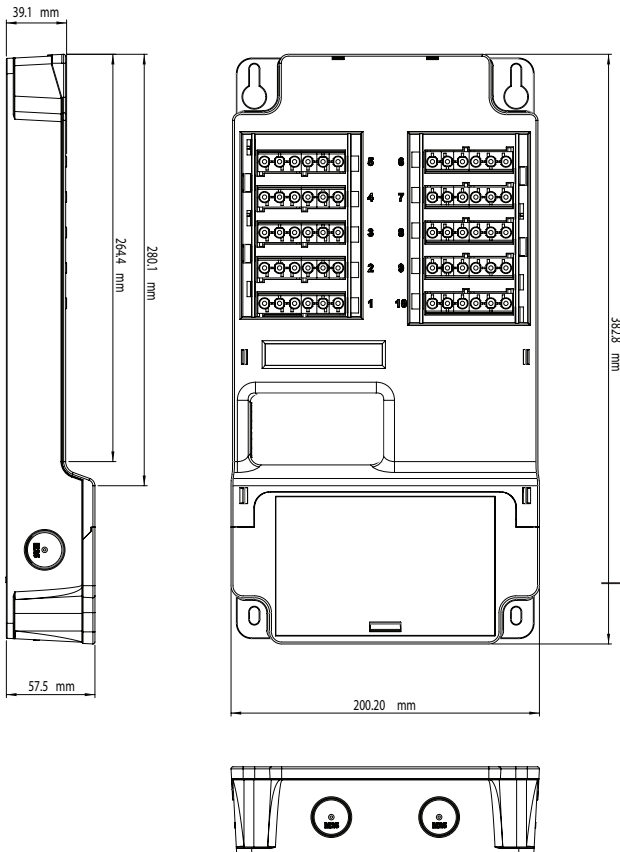
Supply: 230 volts +/- 10%, 50/60 Hz

Terminals max. Wire size: 4mm² loop in/out

DALI input/thru screw terminals: Max wire size 2.5mm²

Protection: Provided by installer - Use supply MCB, 16A or less

Dimensions

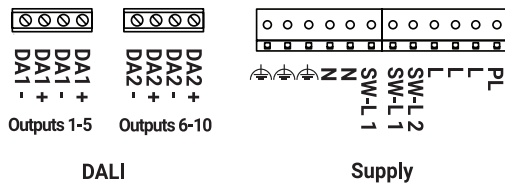
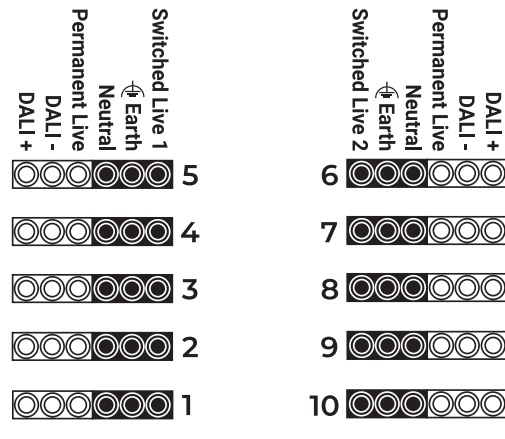


Inputs & Outputs

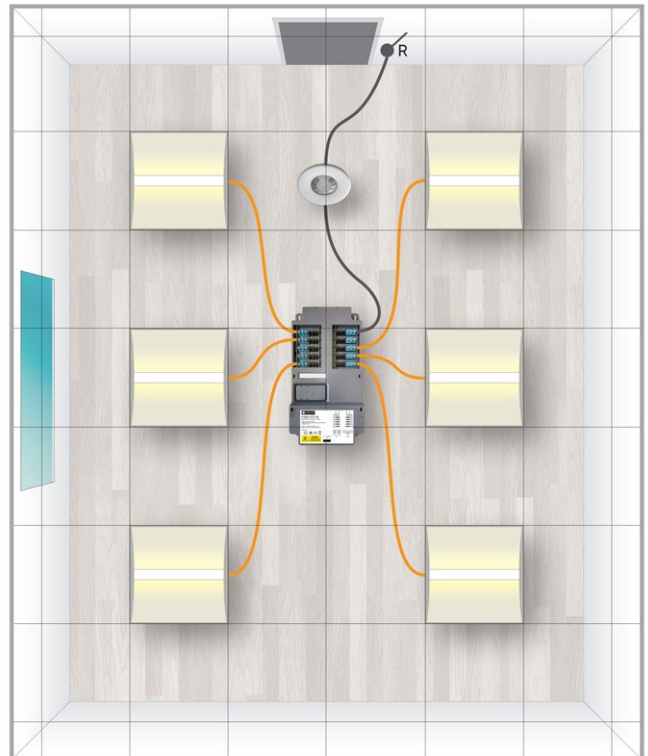
10 x 6 pole Black/Blue GST/18 ports

Switched Live, Neutral, Earth, Permanent Live, DALI +, DALI -

Configures 1 x 10 outputs or 2 x 5 outputs



Typical Schematic



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