Lighting Solutions

iLIGHT

LCMD-10

Advanced Pluggable Lighting Control Solution

LCMD-10

The iLight LCMD-10 pluggable lighting control module incorporates new technology that can dramatically reduce labour and commissioning time.

So how is this achieved?

- **Automatic DALI addressing**
- **Connect any luminaire to any port**
- **Immediate 'Out of the box' functioning lighting control**
- **Self healing for luminaires, DALI emergencies, sensors and input devices**
- **Tuneable White compatible**
- **Conventional and DALI emergency test feature**
- **No Area Controller required**
- **Truly distributed intelligence**

Contractor / Partner

- Simple Installation, any Luminaire to any port.
- Straightforward wiring topology with plug and play network capability.
- Dramatic reduction in commissioning time for speculative developments.
- Peace of mind - Compatibility of controls & luminaires.
- Installation and programming can be undertaken by the contractor or partner eliminating the need for costly commissioning to implement basic control.
- Dedicated team providing on site commissioning and support where more complex controls philosophies are required.

Consultant / Developer / Lighting Designer

- Easy to specify with extensive support documentation and application case uses.
- Extensive range of powerful user interfaces and touchscreens.
- Truly distributed intelligence providing robust and resilient controls.
- Simple and efficient integration to other building services and systems.
- User-centric control and editing capabilities.
- A single supplier for commercial and architectural controls and luminaires
- Dedicated support through design, engineering, and delivery.
- Proven technology from a 45+ years established brand.

End User / Building Owner

- Extensive range of intuitive user interfaces, touchscreens and user app controls.
- Integrated control - Lighting, heating, cooling and shading and other integration for simple and efficient control.
- Flexibility to expand or adapt the system to meet specific building needs.
- Comprehensive and efficient maintenance reporting.
- An established, reliable controls brand.

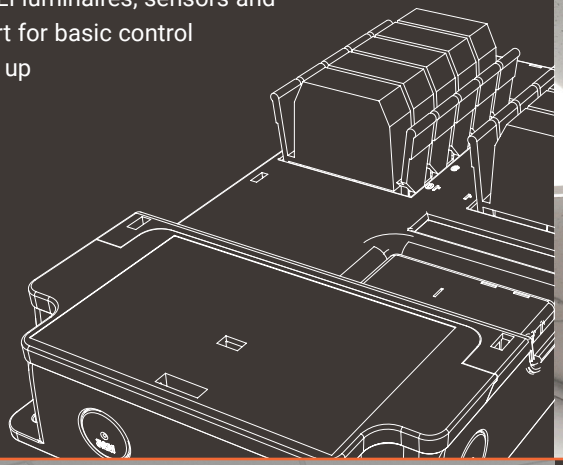
Any luminaire connects to any port

Reducing installation time

Other pluggable lighting control solutions require the installer to follow a predetermined lighting installation plan, where luminaires need to be connected to prescribed ports to ensure system functionality.

The LCMD-10 removes this process as DALI luminaires, sensors and control plates can be connected to any port for basic control of the lighting system. This greatly speeds up installation time and eliminates costly installation errors.

Where front-end PC graphics are required, these are simply generated after installation as part of the commissioning.



Out the box functionality

Speculative Office (Cat A)

The LCMD-10 is pre-configured and becomes fully operational when powered.

Prior to any commissioning or attendance from an engineer LCMD-10 will:

- Switch and dim all connected luminaires.
- Automatically address all luminaires, DALI switches, Control Plates and Sensors.
- Allow a locally connected switch to provide network wide or local LCM testing (on/off, dim up/dim down).
- Allow a locally connected key switch to provide network wide or local LCM Emergency Luminaire testing.
- Configure sensors for presence detection controlling all locally connected luminaires.

This allows for quick and efficient testing and witnessing of the controls.

Future Proof

System flexible for Fit Out (CAT B)

The LCMD-10 delivers the speed of a ‘plug and play’ solution where tenant’s requirements and building modifications are required during fit out. If luminaires are moved or replaced they ‘self heal’ (DALI addressing is resolved) to the same LCM port minimising the need for further commissioning.

LCMD-10 adds pluggable connectivity to the wider iLight control solution providing all the flexibility, features and functions expected for todays modern office environment including:

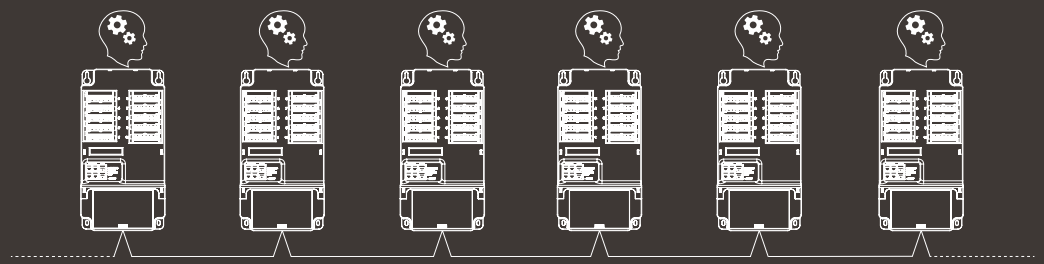
- Front End PC Graphics
- Intuitive user interfaces and touchscreens
- BMS Integration
- Audio Visual Integration
- Heating and Shading Controls

No Need for an Area Controller

Truly distributed intelligence

Other LCM solutions rely on a central processor (Area Controller) for the system to operate.

LCMD-10, as with all iLight products, has the intelligence built in. This eliminates the risk of a single point of failure making the system structure inherently robust providing continuity of control.

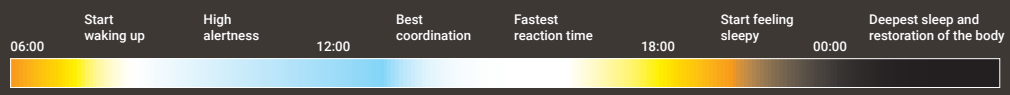


Tuneable White

Colour temperature and intensity adjustment

Natural daylight colour temperatures vary from warm white tones in the morning to vibrant cool white tones at midday.

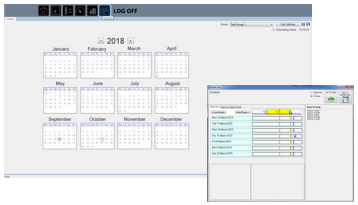
The LCMD-10 is fully compatible with DT8 drivers, providing a plug and play tuneable white solution. Colour temperature adjustments can be made using scene recall, scheduled events, PIR activation or using circadian rhythm cycles giving people ultimate control of their environment.



Bespoke local scene setting

Automated scene recall

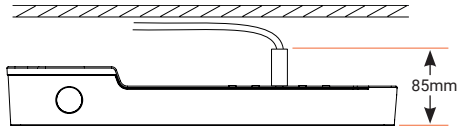
Single room or building wide scene setting and adjustment



Schedules and events

Hardware Features

- Low Profile - The height of the LCMD-10 including the plug is only 85mm which is ideal for projects where the ceiling void is limited.

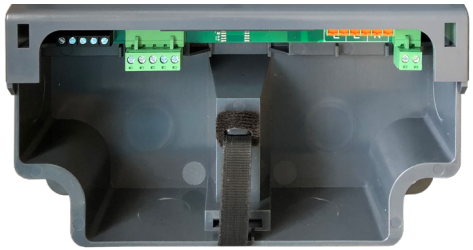


- Double latching plug & socket arrangement for secure fixing and compliance allowing local disconnection of a luminaire

- Network connection via either terminal block in the SELV wiring compartment or RJ45 sockets located on the top

- 4 x RJ12 inputs for additional input capability

- Large Wiring Compartment with mains push terminals

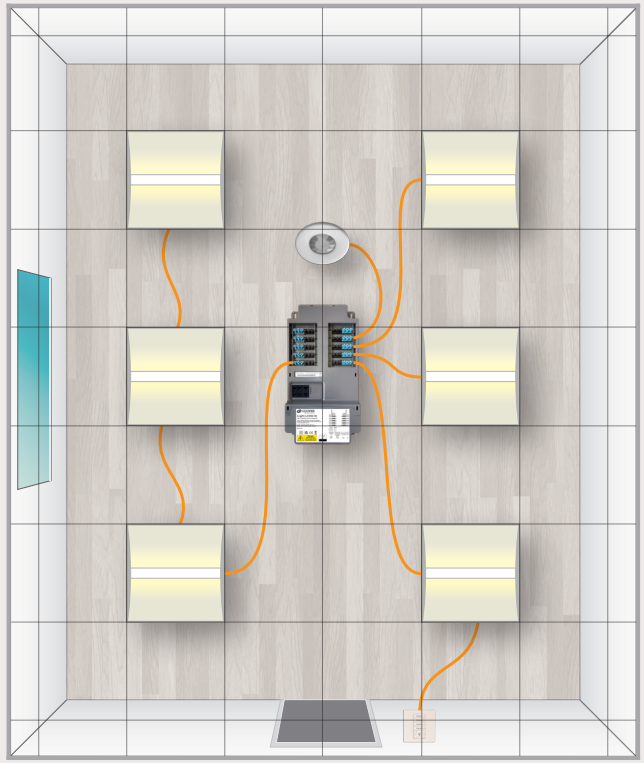


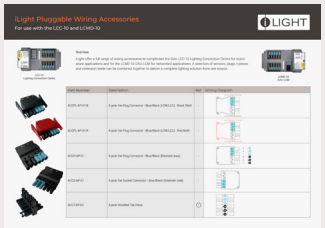
- 6 x 25mm cable entry knock outs to accommodate larger CSA cables required for LED applications

Wiring Accessories

iLight offer a complete range of wiring accessories to simplify ordering and speed up installation. Accessories include:

- Pre-made 3, 4, 5 & 6 core luminaire leads (6 pole GST plug)
- Tee modules for daisy chaining luminaires
- Extension leads
- 6 pole BESA mounted sockets for DALI hard wired installation
- Red & black 6 pole plugs - so leads can be made up on-site





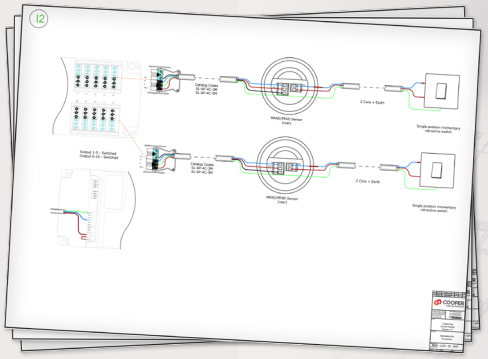
Click or scan QR code

Specification documentation

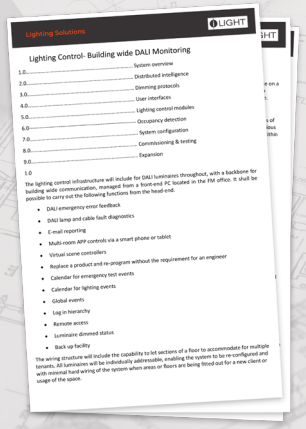
Download everything you need to spec this product and associated system components here:

Click or scan QR code

Lighting Control Equipment Schedules

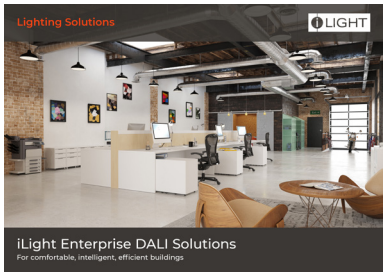


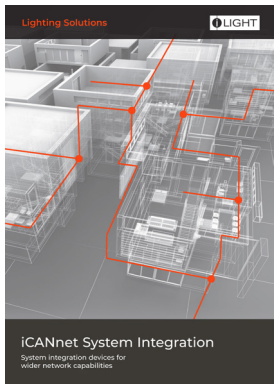
Supporting System Schematics

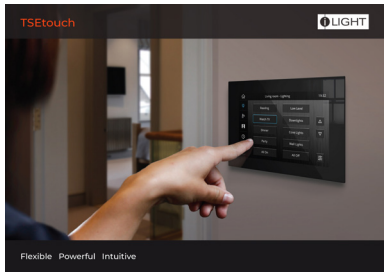


System Specifications

Related iLight literature







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