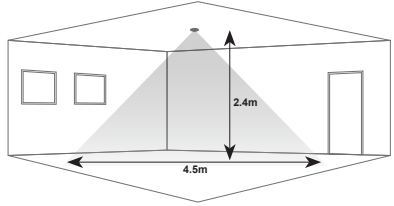



**DALI Ceiling Sensor with PIR & Daylight**  
DALI Multi-Sensor combines daylight sensing and occupancy detection in a single device.

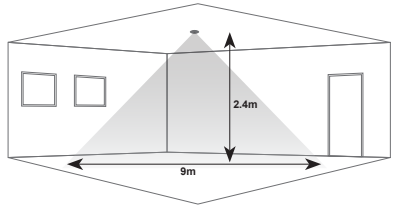



- Low profile design
  - Coverage: 4.5m Ø at 2.4m ceiling height
  - Draws power from the DALI communication bus to eliminate the need for external power packs
  - DALI power consumption: 3.75mA
  - Dimensions: 91mm Ø x 36mm Depth
- 
- The diagram shows a top-down view of the luminaire's light distribution. It is a circular area with a diameter of 4.5m, indicated by a double-headed arrow. The luminaire is represented by a shaded circular area in the center. The ceiling height of 2.4m is mentioned in the text but not explicitly shown in this diagram.



## FLT-MTS6-DALI

**DALI Ceiling Sensor with PIR & Daylight**  
DALI Multi-Sensor combines daylight sensing and occupancy detection in a single device.



- Low profile design
  - Coverage: 9m Ø at 2.4m ceiling height
  - Draws power from the DALI communication bus to eliminate the need for external power packs
  - DALI power consumption: 3.75mA
  - Dimensions: 91mm Ø x 36mm Depth
- 
- The diagram illustrates the luminaire's coverage area. It shows a circular beam of light originating from a point on the ceiling, with a diameter of 9m at a height of 2.4m. The beam is represented by a shaded cone, and the dimensions are clearly labeled.



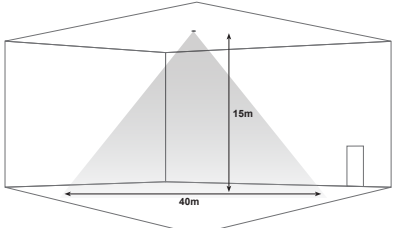
## FLT-MTS12-DALI

### DALI Ceiling Sensor, High Bay PIR Presence/Absence Detector

High sensitivity PIR detector suitable for high bay applications, such as warehouses and factories, and where high detection sensitivity is needed.



The diagram illustrates the sensor's field of view. A sensor is mounted on a ceiling, and a cone representing the detection range extends downwards. A vertical line indicates a height of 15m from the sensor to the ground plane.



- High sensitivity detection
- Coverage: 40m Ø at 15m ceiling height
- Masks and IP65 gasket included
- Draws power from the DALI communication bus to eliminate the need for external power packs
- DALI power consumption: 8mA
- Dimensions: 88mm Ø x 112mm Depth



PPAD-C-HB-DALI-ADDR

**DALI Digital to Analogue Converter**  
Built-in relay and 0-10V current sinking interface used to integrate individual or a group of dimmable 0-10V ballasts/drivers to iLight's DALI lighting control system.

- Ultra low profile form factor designed to fit inside most ballast compartments
- Powered by the DALI bus
- Automatic detection of the DALI Bus power loss with default to closed, i.e. on or 100% position
- DALI power consumption: 3.75mA
- Dimensions: 100 x 28.6 x 25.4mm (L x W x H)

**FLT-DAC-DALI**

**DALI Field Relay**  
The iLight Field Relay provides On/Off control and network connectivity. It uses advanced switching technology specifically designed to handle the large inrush currents and inductive loads found in lighting applications.

- Maximum Load: 20 Amps
- Automatic loss of power detection defaults relay to closed (On) position
- DALI power consumption: 3.75mA
- Dimensions: 88 x 80 x 39mm (L x W x H)

**FLT-HPRS-DALI**

Eaton's electrical business is a global leader with expertise in power distribution and circuit protection; backup power protection; control and automation; lighting and security; structural solutions and wiring devices; solutions for harsh and hazardous environments; and engineering services. Eaton innovation is powering what matters across industries and around the world, helping customers solve their most critical electrical power management challenges.

Eaton is a power management company with 2017 sales of \$20.4 billion. We provide energy-efficient solutions that help our customers effectively manage electrical, hydraulic and mechanical power more efficiently, safely and sustainably. Eaton is dedicated to improving the quality of life and the environment through the use of power management technologies and services. Eaton has approximately 96,000 employees and sells products to customers in more than 175 countries. For more information, visit [Eaton.com](http://Eaton.com).

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## Lighting Systems



# DALI Lighting Network Solutions




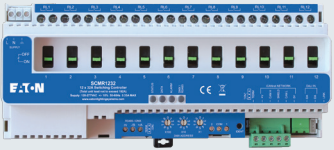


For comfortable, intelligent, efficient buildings

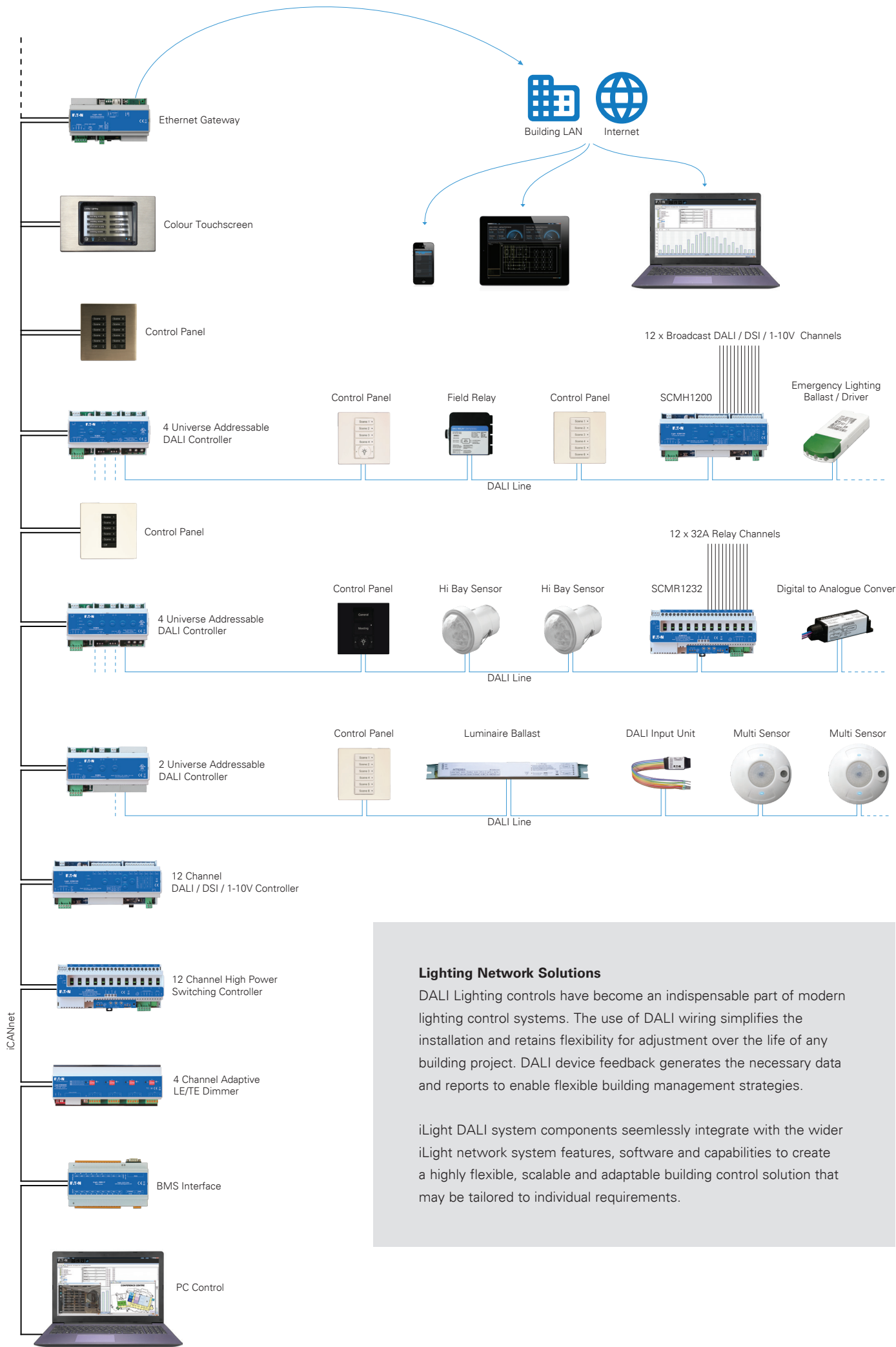


Powering Business Worldwide



DALI Product Range

DINrail Mount DALI Controllers	
SCMD4	<div></div> <div><b>4 Universe Addressable DALI Controller</b> 4 Universe DALI controller enabling control of up to 256 individual DALI addresses.</div> <div><ul style="list-style-type: none"><li>64 groups per DALI universe</li><li>DMX control</li><li>RS485 control</li><li>Alarm input</li><li>Dimensions: 159 x 90 x 58mm (L x W x H)</li><li>Weight: 0.35Kg</li></ul></div>
SCMD2	<div></div> <div><b>2 Universe Addressable DALI Controller</b> 2 Universe DALI controller enabling control of up to 128 individual DALI addresses.</div> <div><ul style="list-style-type: none"><li>64 groups per DALI universe</li><li>Dimensions: 159 x 90 x 58mm (L x W x H)</li><li>Weight: 0.35Kg</li></ul></div>
SCMH1200	<div></div> <div><b>12 Channel Digital Dimming Controller</b> 12 channel digital dimming controller. Each channel may be configured to provide a Broadcast DALI, DSI or 1-10V output.</div> <div><ul style="list-style-type: none"><li>iCANnet and DALI line compatible</li><li>12 x Broadcast DALI, DSI or 1-10V outputs</li><li>Dimensions: 212 x 90 x 58mm (L x W x H)</li><li>Weight: 0.35Kg</li></ul></div>
SCMR1232	<div></div> <div><b>12 Channel 32 Amp Feed Through Relay Controller</b> 12 channel feed through relay unit rated for up to 32 amps per channel, designed to sit on load lines to switch loads of all types.</div> <div><ul style="list-style-type: none"><li>iCANnet and DALI line compatible</li><li>Any phase on any input</li><li>Switches resistive, inductive and capacitive lighting loads</li><li>DMX control</li><li>RS485 control</li><li>Alarm input</li><li>Dimensions: 212 x 90 x 58mm (L x W x H)</li><li>Weight: 0.8Kg</li></ul></div>
User Interface	
CLD	<div></div> <div><b>DALI Control Panel</b> Available in several button configurations which include the use of large and small buttons. There is also a on/off button option with associated up/ down adjustments. With an optional engraving service the DALI control panel is fully flexible to meet the needs of your project.</div> <div><ul style="list-style-type: none"><li>Integrated DALI communication interface</li><li>Draws power from the DALI communications bus to simplify wiring</li><li>DALI power consumption: 3.75mA</li><li>Suitable for standard single gang UK wall box</li><li>Available in Black or White finishes</li><li>Standard or custom engraving on buttons</li><li>Dimensions: 86 x 86 x 35mm (L x W x H)</li></ul></div>
DALI-I-U	<div></div> <div><b>DALI Input Unit</b> Enables customer specified switches, sensors, time clocks or other on/off control devices to be incorporated into a standard DALI installation.</div> <div><ul style="list-style-type: none"><li>Powered from DALI bus, compatible with standard DALI rating</li><li>Up to four user configurable inputs</li><li>Default functions – ready to use out-of-box</li><li>DALI power consumption &lt; 9 mA</li><li>Dimensions: 27 x 20 x 4mm (L x W x H)</li></ul></div>



Lighting Network Solutions

DALI Lighting controls have become an indispensable part of modern lighting control systems. The use of DALI wiring simplifies the installation and retains flexibility for adjustment over the life of any building project. DALI device feedback generates the necessary data and reports to enable flexible building management strategies.

iLight DALI system components seamlessly integrate with the wider iLight network system features, software and capabilities to create a highly flexible, scalable and adaptable building control solution that may be tailored to individual requirements.

DINrail Mount Ethernet Gateway

iCANnet Network - Ethernet Gateway

The Ethernet Gateway provides a connection between an iLight network and an Ethernet LAN. This allows a user to control and configure the iLight system using a remote PC or PC tablet.

- Configurable IP address
- Facilitates internet and Wi-Fi LAN connection into iCANnet™
- Astronomical time clock (Requires a permanent internet connection for Network time protocol)
- Holiday mode (Replay learned usage when absent. Requires time clock to be activated and a permanent internet connection)
- Supports iLight applications via mobile devices.
- Dimensions: 159 x 90 x 58mm (L x W x H)
- Weight: 1Kg



EG2

Enterprise Software Suite

Enterprise Suite is a set of software packages for the control and operation of iLight lighting control systems. There are three packages available with different levels of control capability to cater for even the most demanding lighting control applications.

Enterprise Operate is designed to give powerful user control through a simple intuitive customised graphical interface. Actions may be manually controlled or scheduled for specific day/dates and times using the powerful astronomical timeclock scheduler.

Enterprise Floorplan adds the ability to import building and campus wide floor plans for additional control and feedback on system health.

Enterprise Suite Complete with Server includes energy usage displays and advanced graphs for greater insight into system energy consumption.



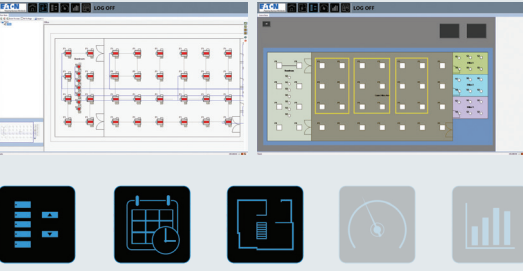
Enterprise Operate

The first level package is Enterprise Operate which consists of a fully configurable and customisable graphical user interface running on a PC or PC touch tablet. Screen pages can be custom designed to give powerful operator control of the lighting scenes in multiple areas and with the in built event scheduler, programming timeclock events provides a sophisticated level of automation.



Enterprise Floorplan

The second level software package includes Floorplan control. Floorplans can be imported into the software after commissioning stage to display a visual overview of the lighting network fitting by fitting. Lights can be controlled via this view and the network can be monitored for potential lamp failures and network faults. Enterprise Floorplan also includes the Enterprise Operate and Event Scheduler functions from the first level package.



Enterprise Suite Complete

The complete Enterprise Suite adds energy consumption dials and advanced graphs to provide a comprehensive insight into the live operation of the lighting system. Graphical displays show calculated energy use in all areas while advanced graphs and reports show power usage and trending over time for analysis to help optimise energy usage. Enterprise suite is always delivered as a complete package loaded onto a suitably sized Windows Server.

