

DATA SHEET

10-CHANNEL Lighting Control Module

LC-DSLPCM10-S5

The **ecoLUX** 10 Channel LCM uses DALI protocol to control up to 10 channels. Five of the channels also incorporate switching relays for the control of non-DALI fittings.

The DSLPCM10-S5 has:

- 10 x 6 pole sockets to connect fittings
- 2 hardwired CAN connections
- 3 RJ12 connectors for PIRs and Scene Plates,
- 10-pin hardwired connector for 8 volt-free inputs.
- 1 switching relay for each channel, channels 6-10
- CAN booster ready
- Integral emergency relay.

The DSLPCM10-S5 enclosure has been designed for ease of installation and set up with 'Z' bolt fixing rails provided on the rear, and all connections to the unit can be pre-wired.

Lighting can be programmed into groups, with multiple group capability.

A **removable memory module** facilitates fast configuration of a replacement LCM should that be needed. In other words, should an LCM need to be replaced for any reason, no reprogramming is necessary, simply remove the memory module and reinsert it into the new Controller.



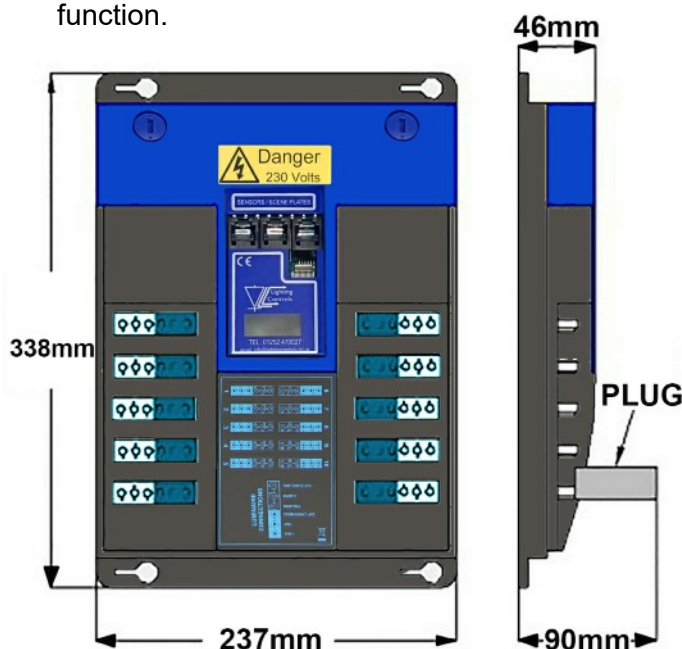
IMPORTANT: The information contained in this data sheet is subject to change at any time without notice

TECHNICAL SPECIFICATIONS

LC-DSL10-S5

Network Isolation:

The LC-DSL10-S5 has two isolated networks. The field wiring CAN bus which networks the LCMs is isolated from the peripheral bus which connects PIRs and scene plates. Should a wiring problem occur on one LCM peripheral, it will not affect other LCMs. Should field wiring become compromised, then, LCMs will stand alone and continue to function.



Luminaire plug part numbers:

Black plug: 6PMPBB/B
Red (emergency) plug: 6PMPBB/R

Programming:

- LCMs can be programmed in the same way as our other devices, either by handset, or wirelessly via Bluetooth from a laptop.

Connections:

- Internal single-phase mains connection via terminal block. Three 20mm knockouts are provided on the removable end plate.
- Ten luminaire outputs via 6-way connectors (see below)
- Internal hardwired CAN connections
- 3 x RJ12 for CAN PIRs and Scene Plates
- 10-pin hardwired connector for 8 volt-free inputs.
- Internal plugs for CAN booster

Power:

The LC-DSL10-S5 is **not** powered from the bus and requires a permanent mains supply from the relevant lighting circuit.

Other:

- Emergency: Maintained Live
- Max. Switch Current: 10A (6A per port, ports 6-10), 230V AC
- Luminaire Output: DALI and switched (ports 6-10)
- Maximum number of lighting groups: 10

Supply Voltage	90 - 240 V AC 50Hz
Power consumption	Off load 1.2Watts All channels on 4 Watts
Internal fuse	1AT
Load, Total Max	10A
Load, per channel	6A
Case material	Flame retardant ABS
Operating temperature	-10 to +50°C
Max Humidity	90% RH non-condensing

Max no. of Scene Plates/ PIRs	10
Inputs	8 clean contact
Field comms	CAN BUS, 2 internal screw terminals
Local comms	CAN BUS 3 x RJ12 pre terminated
Luminaire connection	6 way, switched Live (ports 6-10), Earth, Neutral, emergency Live, Dim- Dim+
Configuration memory (removable)	256K (non-volatile)