

LC-DSL10-S5 DALI DS5 LCM

Key Features

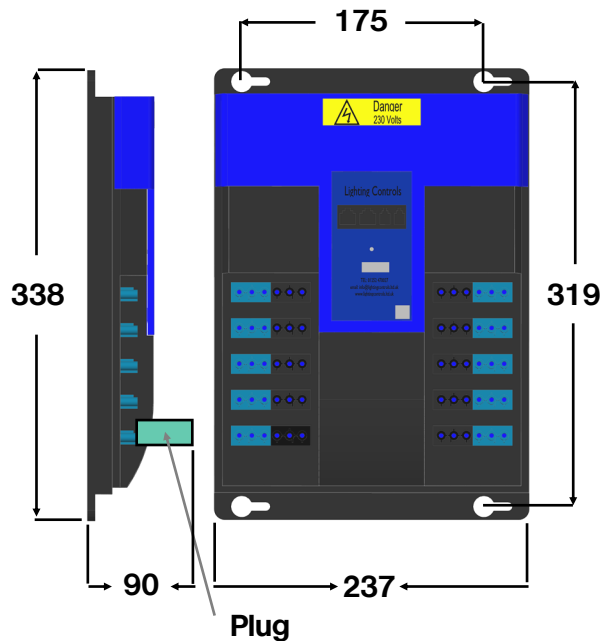
Our ecoLUX DALI DS5 LCM uses DALI protocol to control up to ten channels (ports). Five of the channels incorporate switching relays for the control of non-DALI fittings. Lighting can be programmed into groups with multiple group capability too. The enclosure has been designed for ease of installation and has 'Z' bold fixing rails on the rear. All the connections to the unit can be pre-wired for installation. This LCM has:

- 10x 6-pole sockets to connect fittings
- 2 hard-wired CAN connections
- 3 RJ12 connections for PIRs and Scene Plates
- 10-pin hardwired connector for 8 volt-free inputs
- Switching relays for channels 6-10
- CAN booster ready
- Emergency Relay

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 unit.



Product Dimensions (mm)



Network Isolation

This LCM 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.

Supply voltage	90-240 V AC 50Hz
Power consumption	Off load - 1.2 watts All channels on - 4 watts
Internal fuse	1AT
Load (total)	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)

Power

The LCM is not powered from the bus and requires a permanent mains supply from the relevant lighting circuit.