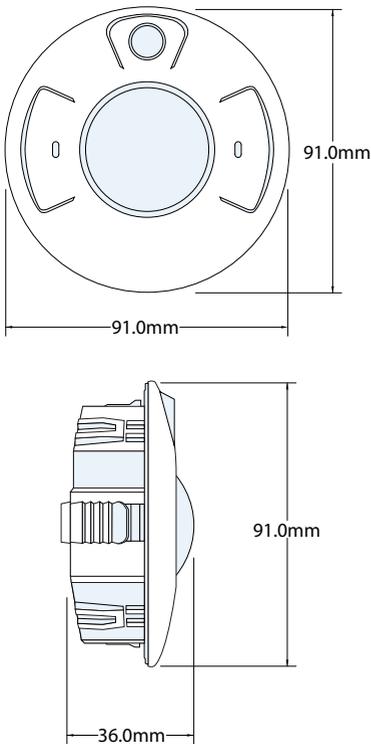


Introduction

The iLight DALI Multi-Sensor combines daylight sensing, occupancy detection and temperature measurement into a single device. The Multi-Sensor communicates over the Digital Addressable Lighting Interface (DALI) and allows for all device settings and groups to be adjusted remotely.

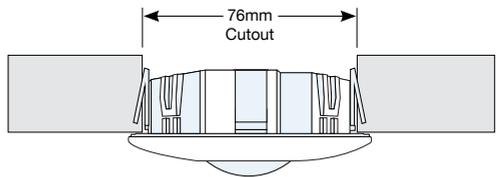
Dimensions



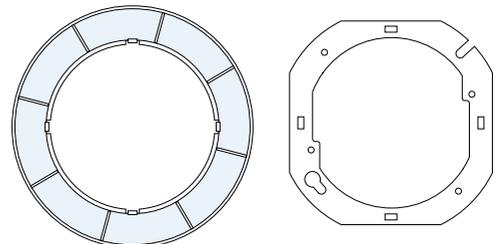
Mounting

The DALI sensor can either be recess mounted within the ceiling material or surface mounted utilising the supplied bracket and outer bezel in conjunction with octagonal mounting box: 665101 (Order separately).

Recess mounting in ceiling void



Surface mounting using junction box



Supplied sensor outer bezel

Supplied mounting bracket



665101 Junction Box
(Order separately)



Complete assembly

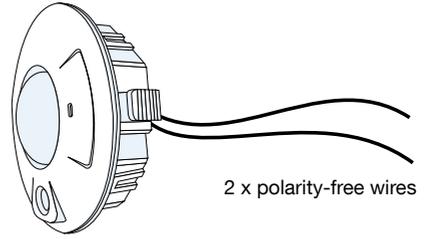
Control wiring

The DALI Control Panel is provided with 2 x polarity-free wires used to connect to the DALI line.

Standard Recommended DALI cabling:

2-core mains rated cable of minimum gauge 1.5 mm².

The total cable distance: 300m.



Technical Information

Performance	Input Voltage: 9.5 - 22.5 VDC supplied by DALI communication bus
	Coverage: MTS6 = 55m ² or MTS12 = 110m ² at 2.4m ceiling height
	Occupancy Detection Technology: Passive Infrared (PIR)
	Lens Type: Multi-level Fresnel 360°
	Daylight Sensing Range: 0 to 400 lux
	Daylight Sensing Coverage: Light input within 60° cone
	Temperature Detection Range: 0°C to 40°C
	Status Indicator: LED
	Operating Environment: 0°C to 40°C For indoor use only
Dimensions: 91mm x 91mm x 36mm	
Wiring & Mounting	DALI: 0.75mm ² (18 AWG) stranded PTFE plenum rated non-polarized pair
	Mounting: 101.5mm (4") octagon junction box or 76mm (3") hole in ceiling tile
Control Specification	Communication Interface: Digital Addressable Lighting Interface (DALI)
	DALI Current Draw: 3.75mA
	Max number of DALI Multi Sensors per loop: 8
Standards	Manufactured in an ISO 9001 certified factory



All products manufactured by Cooper Lighting Solutions and identified with the iLight product series mark are warranted to be free from defects in material and workmanship and shall conform to and perform in accordance with Seller's written specifications. For detailed warranty information, contact Cooper Lighting Solutions.

This warranty will be limited to the repair or replacement, at Seller's discretion, of any such goods found to be defective, upon their authorized return to Seller. This limited warranty does not apply if the goods have been damaged by accident, abuse, misuse, modification or misapplication, by damage during shipment or by improper service.

There are no warranties, which extend beyond the hereinabove-limited warranty, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTY OF MERCHANTABILITY AND THE IMPLIED WARRANTY OF FITNESS.

No employee, agent, dealer, or other person is authorised to give any warranties on behalf of the Seller or to assume for the Seller any other liability in connection with any of its goods except in writing and signed by the Seller. The Seller makes no representation that the goods comply with any present or future federal, state or local regulation or ordinance. Compliance is the Buyer's responsibility.

The use of the Seller's goods should be in accordance with the provision of the National Electrical Code, UL and/or other industry or military standards that are pertinent to the particular end use. Installation or use not in accordance with these codes and standards could be hazardous.



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