



PPAD-C-DALI-ADDR

PIR detector ceiling DALI network

Overview



The PPAD-C-DALI-ADDR is a combined passive infrared (PIR) motion sensor and photocell designed to be part of a DALI network.

Functioning as a presence detector, the unit returns occupancy data to the DALI network.

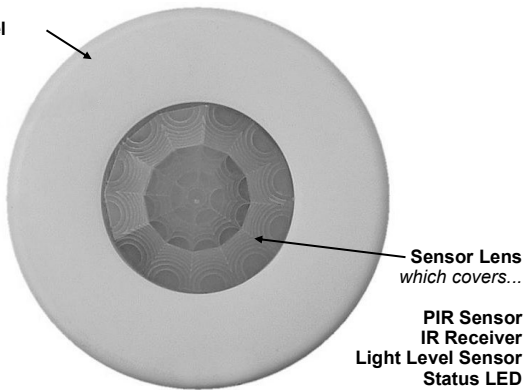
The photocell provides a lux level measurement value to the DALI network.

For a copy of the DALI 'Command set', contact technical support.

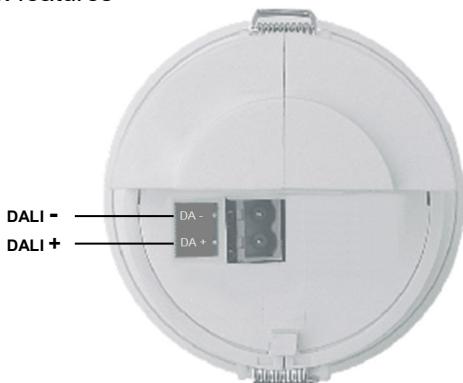
Features & wiring

Front features

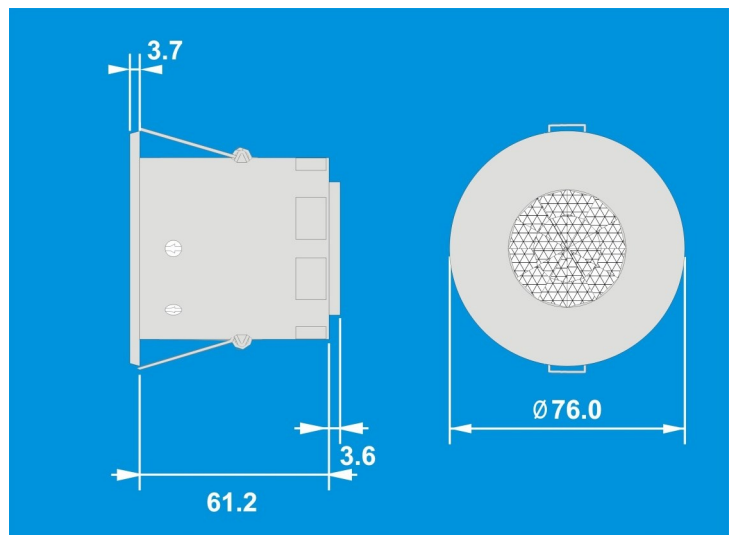
Mounting Bezel



Back features



Dimensions

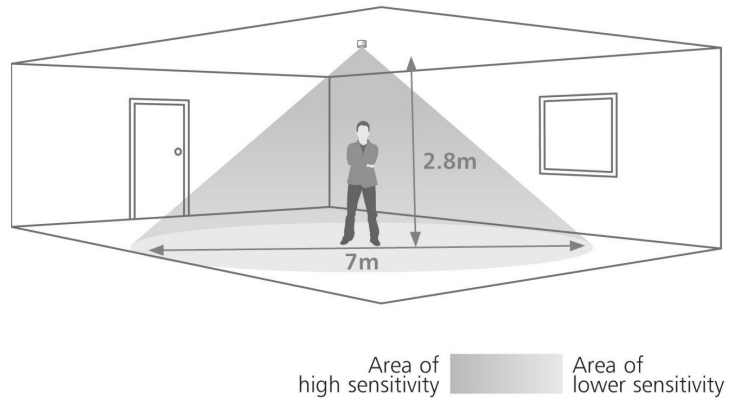


Installing the PIR Detector

Choosing a Suitable Location

The PIR Detector is designed to be ceiling mounted and must satisfy the following criteria:

- Avoid positioning the unit where direct sunlight may enter the sensor element.
- Do not site the sensor within 1m of any lighting, forced air heating or ventilation.
- Do not fix the sensor to an unstable or vibrating surface.
- Position the sensor so that the occupants of the room fall inside the detection zone. Note that the detection zone illustrated is based on a recommended mounting height of 2.8m. A lower height will decrease the overall size of the detection zone.

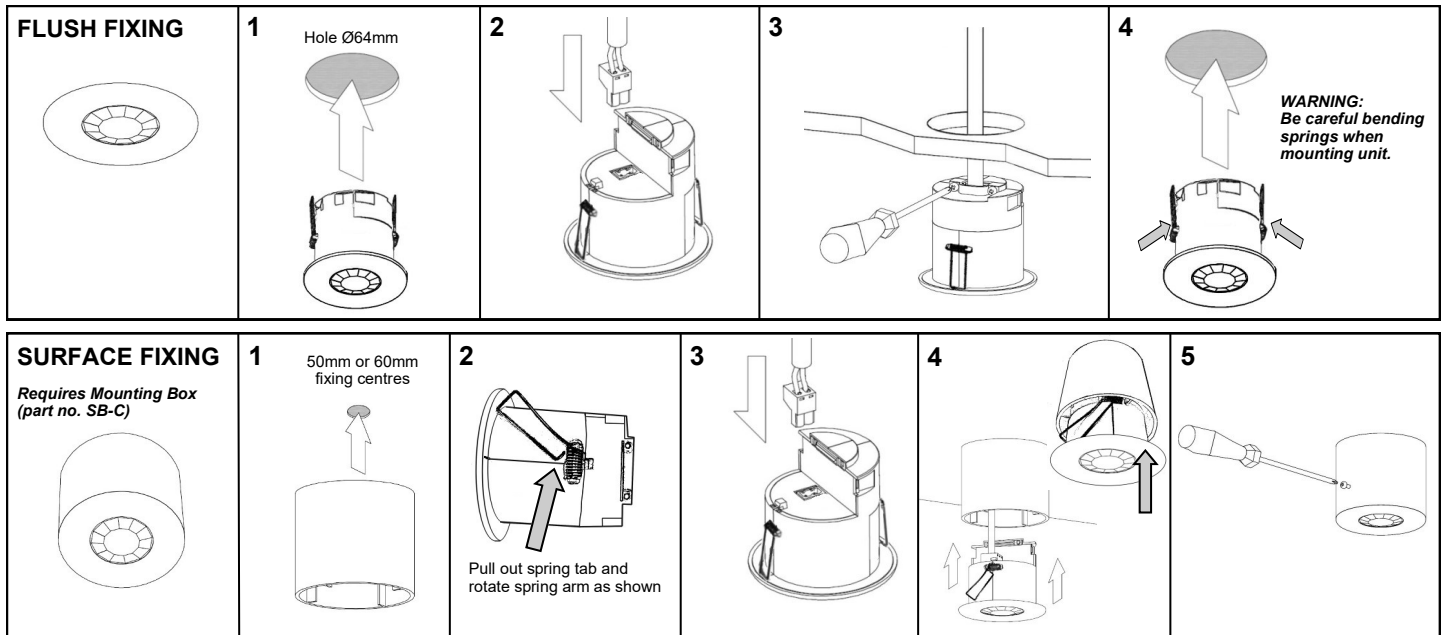


Mounting Methods

The Detector is designed to be mounted using either:

- Flush fixing (recommended), or
- Surface fixing, using the optional Surface Mounting Box (part no. SB-C).

Both methods are illustrated in below.



Technical data

Dimensions	See diagrams on page 1
Weight	0.07kg
Supply Voltage	9.5VDC—22.5VDC via DALI
Supply Current	8mA
Terminal Capacity	2.5mm ² (solid or stranded)
Material (casing)	Flame retardant ABS and PC/ABS
Compliance	EMC-2014/30/EU LVD-2014/35/EU



IMPORTANT NOTICE!

This device should be installed by a qualified electrician in accordance with the latest edition of the IEE Wiring Regulations and any applicable Building Regulations.



Cooper Lighting Solutions
Usk House, Lakeside
Llantarnam Park,
Cwmbran, NP44 3HD, UK
Tel: +44 (0)1633 838088
Fax: +44 (0)1633 867880
info@cooperlighting.co.uk
www.cooperlighting.co.uk