

P.I.R. OCCUPANCY DETECTORS CEILING MOUNTED

EO-C..1

<p>These units are used for lighting control and designed to be installed into ceiling tiles. They can be connected to control circuits or BMS systems. The EO-CL1 has an in-built adjustable lux sensor which will switch on the lighting only when ambient light falls below the pre-set level and movement is detected. The time delay prevents nuisance switching and is reset whenever movement is detected.</p>	 <p>EO-C..1</p>	<p>Terminals 0.5-2.5mm² Enclosure Flammability = UL94-V0</p> <p>Lights switch on when movement is detected.</p> <p>EO-CL1 In-built adjustable lux sensor Set Lux to max. if it is not required. Range: 10-2000 LUX.</p>
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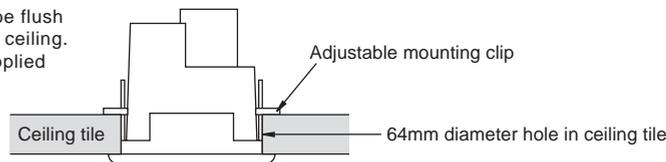
Type	Ceiling Mounting	Supply Voltage	Switch Rating 230VAC ±10%	Movement Time Delay	Enclosure
EO-CO1	Flush	12-24VAC/DC	6A Incandescent 6A Fluorescent 6A SPDT Resistive	10s - 30 mins	IP40
EO-CL1	Flush	12-24VAC/DC	6A Incandescent 6A Fluorescent 6A SPDT Resistive	10s - 30 mins + lux sensor	IP40
EE-BP12	Surface Mounting Back Box				

INSTALLATION:

Install the unit at least 1m away from any lighting source. Do not mount onto a vibrating surface.

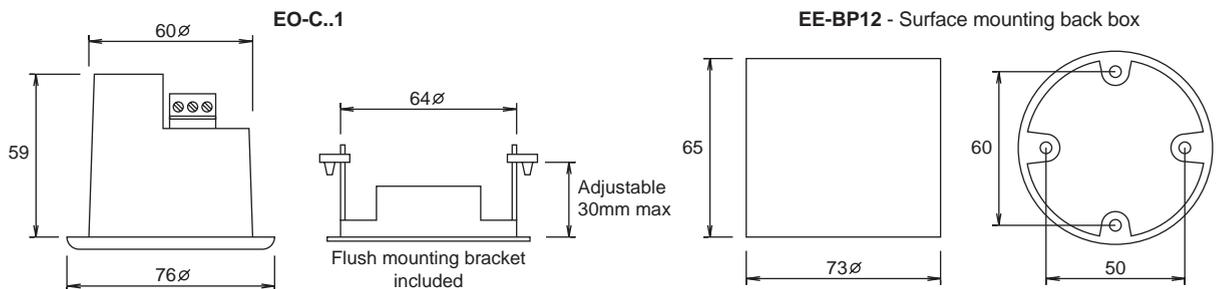
DO NOT MOUNT IN DIRECT SUNLIGHT OR NEAR HEAT SOURCES. In larger areas wire more switches in parallel to power the load.

Flush Mounting: The occupancy detectors may be flush mounted through a 64mm diameter hole in the ceiling. Use the plastic mounting bracket and clips supplied to fix the flush mounted detector.

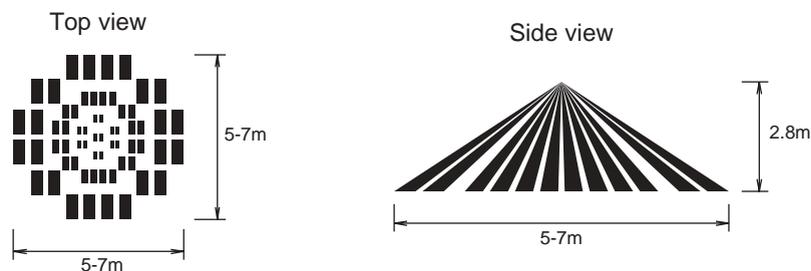


Surface Mounting: Alternatively the detectors can be surface mounted using the optional Back Box, which may be screwed to the ceiling.

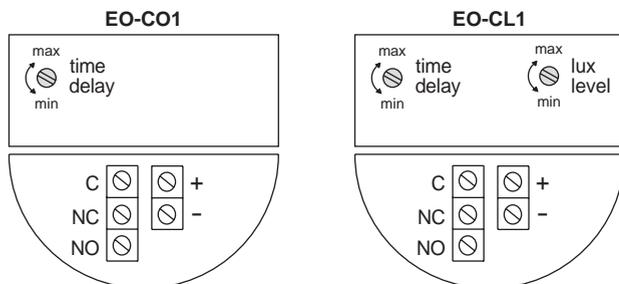
DIMENSIONS:



DETECTION FIELD:



WIRING:



Time Delay Setting (EO-CO & EO-CL):

Timing is adjustable between 10secs to 30mins using the screwdriver slot labelled TIME.

LUX Setting (EO-CL only):

The LUX level can be adjusted using the screwdriver slot labelled LUX. Turning towards maximum allows the lights to come on at a higher ambient light level (set fully to maximum, lights will be activated regardless of ambient level).

On movement C-NO closes
No movement C-NO opens (after time delay)

CAUTION:

These products may be connected to 24VAC/DC supply. Isolate device from electrical supply before removing cover. Always ensure the device operates correctly. If failure of the device can cause damage a safety backup control should be fitted. All data is for guidance purposes only, subject to change without prior notice and not guaranteed to be absolutely correct unless confirmed by us in writing.

Device should be checked by a qualified technician before applying any voltage. Observe all relevant safety precautions, wiring/earthing regulations and electrical ratings.

