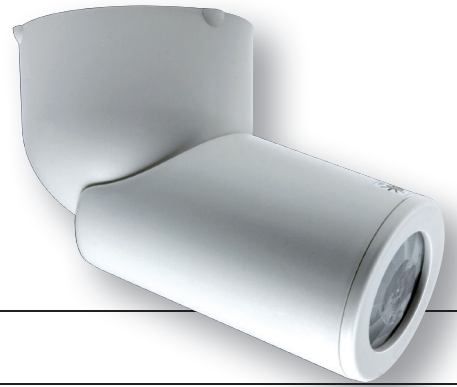


# CBU-CEDRP

## Plug-in Directional Passive Infra Red (PIR) Occupancy Detector & Photocell

Input: 220-240 Vac 50Hz

CASAMBI



PLEASE READ THESE INSTRUCTIONS BEFORE INSTALLING THE PRODUCT  
NOTE: CBU-CEDRP is only compatible to work with CASAMBI enabled equipment

This directional CBU-CEDRP can plug into a ceiling mounted socket (not included) - DANLERS Product Code: CBU-CESO. The socket can be mounted onto an appropriate BESA box or pattress box. Configurable via the free to download Casambi APP on Google Play or Apple APP Store.



### INSTALLATION

To be installed by a competent person with reference to BS 7671 or equivalent local standards. If in doubt consult a qualified electrician.

- Plan where the CBU-CEDRP is to be located (see diagram 1). Switch off supply and check for hidden cables and pipes.
- The CBU-CEDRP plugs into a ceiling mounted socket (not included) - DANLERS Product Code: CBU-CESO.
- The CBU-CEDRP should be connected as shown in diagram 2:  
L - Live in. N - Neutral in.

### OPERATION

To check the operation of the CBU-CEDRP:

- Turn on the supply then after 20 seconds if the sensor has recognised movement of a person within its zone of detection the integral red LED on CBU-CEDRP will stay illuminated for 4 seconds before the red LED turns off.
- Thereafter, every time movement is detected by CBU-CEDRP the integral red LED will stay illuminated for 4 seconds.

The control also features adjustable time out (time lag) control and daylight threshold control which are configured by the Casambi APP.

### PRECAUTIONS

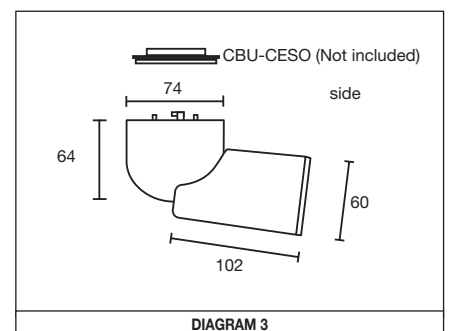
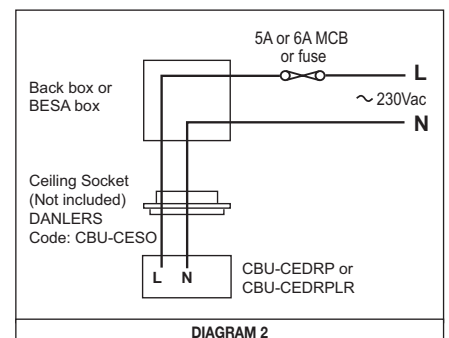
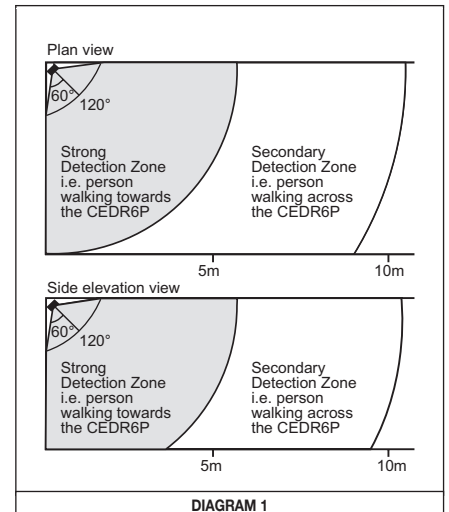
- Do not place the CBU-CEDRP near heat sources, fans or in ventilated ceiling voids.
- CBU-CEDRP can be wired in parallel (sharing the same Live and Neutral).
- Do not place close to, or positioned such that, any light source points directly into the CBU-CEDRP.
- Ensure wires and cables are securely held within the connection terminals.
- The CBU-CEDRP should be protected by a 5 or 6 Ampere mcb or fuse.
- Disconnect the CBU-CEDRP from the circuit before performing insulation testing of the wiring circuit.**

### TECHNICAL DETAILS

INPUT	
Voltage:	220 - 240Vac
Frequency:	50Hz
Max. mains current:	0.05A
Standby current:	0.05A
RADIO TRANSCEIVER	
Operating frequencies:	2.4... 2,483 GHz
Max. output power:	+4 dBm
LUX PARAMETERS	
Range:	5 - 2000 lux
OPERATING CONDITIONS	
Note: The temperature difference between the detection target and the background must be at least 4 °C.	
Ambient temperature:	-20... +40 °C (lout 0.05 A)
Max. case temperature:	+70 °C
Storage temperature:	-25... +75 °C
Max. relative humidity:	0... 80%, non cond.
CONNECTORS	
Terminal block Wire size:	0.5mm <sup>2</sup> - 2.5mm <sup>2</sup> solid or stranded
Wire strip length:	6-7mm
Tightening torque:	0,4 Nm/4 Kgf.cm
MECHANICAL DATA	
Dimensions:	74mm x 90mm x 140mm (adjustable)
Weight:	165g (unpacked)
Degree of protection:	IP20
Protection class:	Built-in Class 2
Material (casing)	Flame-retardant polycarbonate
Finish / Colour	Matt /White (RAL 9003)
Protection class:	Built-in Class 2
CONFORMITY AND STANDARDS	
EMC emission:	EN60669-2-1:2004 inc. A12:2010
EMC immunity:	EN60669-2-1:2004 inc. A12:2010
Safety:	EN60669-2-1:2004 inc. A12:2010
Environment:	Complies with WEEE and RoHS directives

### 5 YEAR WARRANTY

CBU-CEDRP comes with a 5 year warranty from the date of manufacture and is CE marked.



DANLERS Limited, Vincients Road, CHIPPENHAM, Wiltshire, SN14 6NQ, UK.  
Telephone: +44 (0)1249 443377 Fax: +44 (0)1249 443388 E-mail: sales@danlers.co.uk  
[www.danlers.co.uk](http://www.danlers.co.uk)

Company Registered Number 2570169 VAT Registration Number 543 5491 38