

EBDSPIR-CB-NN | Casambi wireless, compact, flush mounted, ceiling PIR sensor only presence detector



Casambi Technology Explained:

The Casambi technology provides a mesh network where all the intelligence of the system is replicated in every node and, in such a way, creates a system with no single point of failure. In this kind of fully distributed architecture, any unit can go offline and catch up from others when they return back online.


Wireless Features:

- Control a large number of fixtures from any point
- Simple to use UI
- Wide range of functionality – Grouping Luminaires, different lighting situations for different occasions, colour temperature, daylight sensor, occupancy sensor and much more.






Detector Features:

- Highly capable movement detection to 7m diameter coverage
- Built-in light sensing to 999 lux
- Convenient spring clip recessed mount design
- Array of accessories for different mount situations
- Ideal for office and general standard ceiling height applications
- 5-year warranty included

Technical Data

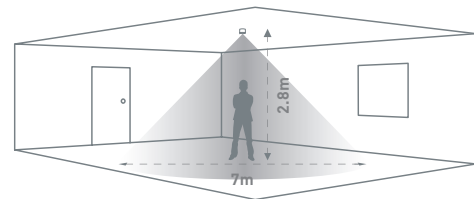
Part Code	EBDSPIR-CB-NN
Weight	0.2kg
Supply voltage AC	230 VAC +/- 10%
Supply frequency (Hz)	50Hz
Circuit protection	≤10A MCB type B
Terminal capacity	2.5mm ²
Light detection range	1-999 lux
Transceiver frequency	2.4GHz ISM band
Transceiver power	Up to 4 dBm output power and -93 dBm RX sensitivity
Rated impulse voltage	2500V
Purpose	Sensing control
Operational temperature	-20 to 35°C
Humidity	5 to 95% non-condensing
Material (casing)	Flame retardant ABS
Insulation class	Class 2
Cutout diameter	64mm
IP rating	40
Compliance	 RED-2014/53/EU, LVD-2014/35/EU

Accessories and Associated Products

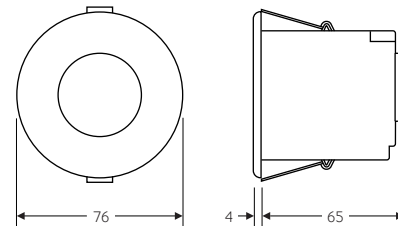
Part Number	Description
 DBB	Surface mount back box for 76mm diameter detectors and light level controls
 DBB-EXT	Surface mount back box extender
 EBDSPIR-MS	Masking shields for EBDSPIR range
 EBD-ENCIP1	Pre-drilled 64mm hole detector adapter enclosure
 EXD-HSC	Extended wiring housing

Detection pattern

high < sensitivity > low



Dimensions (mm)



+44 (0)333 900 0671
info@cpelectronics.co.uk
www.cpelectronics.co.uk

connect with us

