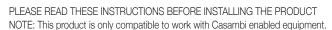
## CBU-BMPIR17MSW

# Batten Mount Passive Infra Red (PIR) Occupancy Detector & Photocell

Input: 100-240 Vac 50/60Hz

**CASAMBI** 





#### 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-BMPIR17MSW is to be located (see diagram 1).
- Switch off supply to the lighting batten.
- Remove the 20mm knockout from the end of the lighting batten.
- · Remove the 20mm threaded nut from the sensor.
- · Feed the trailing wires through the knockout hole, with the sensor facing downwards tighten the 20mm nut (see diagram2).
- The CBU-BMPIR17MSW device should be connected as shown (see diagram 3).

BROWN Live supply. BI UF Neutral supply. WHITE Switch Live.

#### **OPERATION**

To check the operation of the CBU-BMPIR17MSW:

- 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-BMPIR17MSW will flash.
- Thereafter, every time movement is detected by CBU-BMPIR17MSW the integral red LED will

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

#### **PRECAUTIONS**

- Do not place the CBU-BMPIR17MSW near heat sources, fans or in ventilated ceiling voids.
- Do not place close to, or positioned such that, any light source points directly into the CBU-BMPIR17MSW.
- The CBU-BMPIR17MSW should be protected by a suitable fuse.
- Disconnect the CBU-BMPIR17MSW from the circuit before performing insulation testing of the wiring circuit.

#### **5 YEAR WARRANTY**

CBU-BMPIR17MSW comes with a 5 year warranty from the date of manufacture and is CE marked.

INPUT		
Voltage:	100-240 Vac	
Frequency:	50/60Hz	
Max. mains current:	20mA	
Standby current:	14mA	
LOADING		
Fluorescent lamps:	2A (450W)	

LED lamps and drivers (PF ≥ 0.95):	50W)

#### **RADIO TRANSCEIVER**

Operating frequencies:	2.4 2,483 GHz
Max. output power:	+4 dBm

#### LUX PARAMETERS

5 - 2000 lux (on face of product)

#### **OPERATING CONDITIONS**

Note: The temperature difference between the detection target and the background must be at

Ambient temperature:	-20 +40 °C
Storage temperature:	-25 +75 °C
Max. relative humidity:	0 80%, non cond.

### POWER SUPPLY CONNECTORS

Wire strip	length:	6-7mm

MECH	ANIC	LΔ:	<b>ΔΤΔ</b>

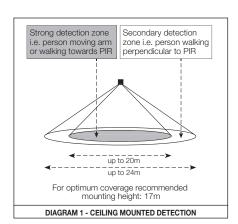
Dimensions:	120mm x 50mm x 36mm
Weight:	95g (unpacked)
Degree of protection:	IP50
Protection class:	Double Insulated
Material (casing)	Flame-retardant polycarbonate/ Polypropylene.
Finish / Colour	Opaque /White (RAL 9003)

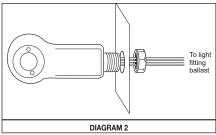
### CONFORMITY AND STANDARDS

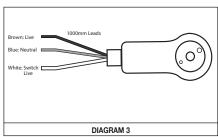
### EMC emission:

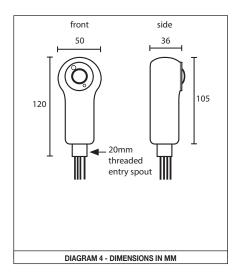
EN 301 489-1 V2.2.0, EN 301 489-17 V3.1.1, EN 55032: 2015, EN61000-3-2: 2014, EN61000-3-3: 2013

**EMC immunity:** EN 301 489-17 V3.1.1









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