Manuals+ — User Manuals Simplified.

CP electronics EBMPIR-MB-DD-LT30 Presence Detector User Guide

WD967 Issue 5 Installation Guide
EBMPIR-MB-DD-LT30
Mini PIR Detector for Luminaire Integration (Batten Mount)

Contents

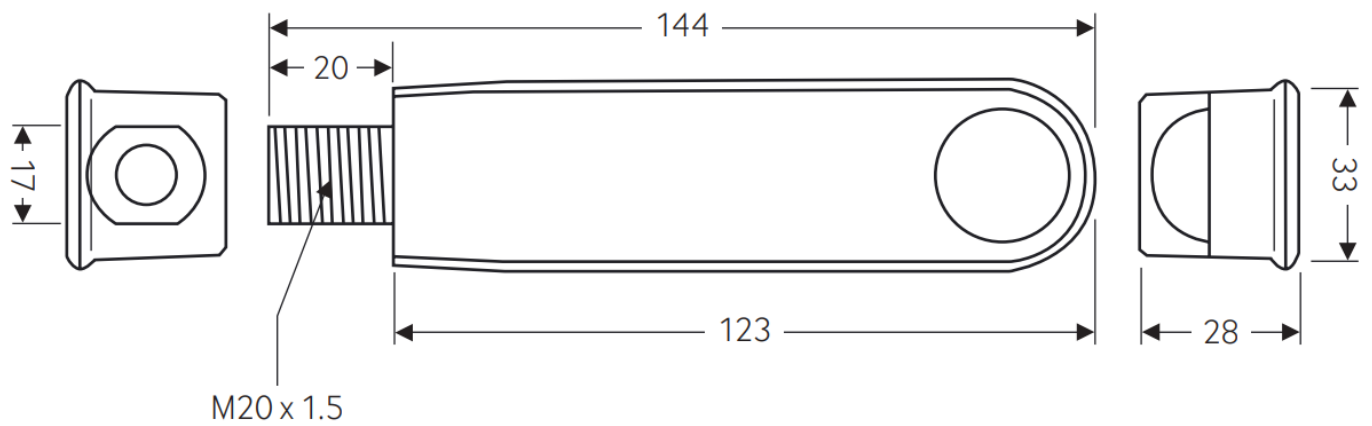## EBMPIR-MB-DD-LT30 Presence Detector

EBMPIR-MB-PRM-LT30
DALI/DSI digital dimming, miniature, low temp, luminaire mounted, PIR, presence detector

Warning

This device should be installed by a qualified electrician in accordance with the latest edition of the IEE wiringregulations.
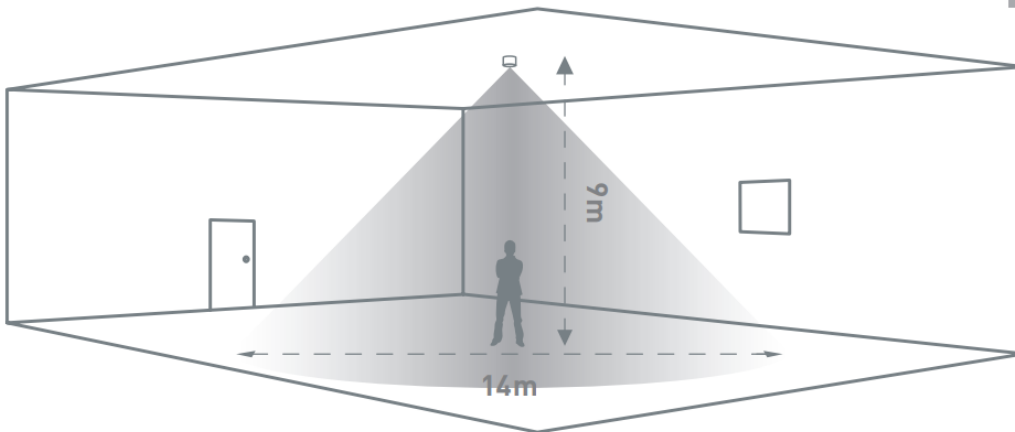
Dimensions (mm)

Downloads and Videos

Detection pattern
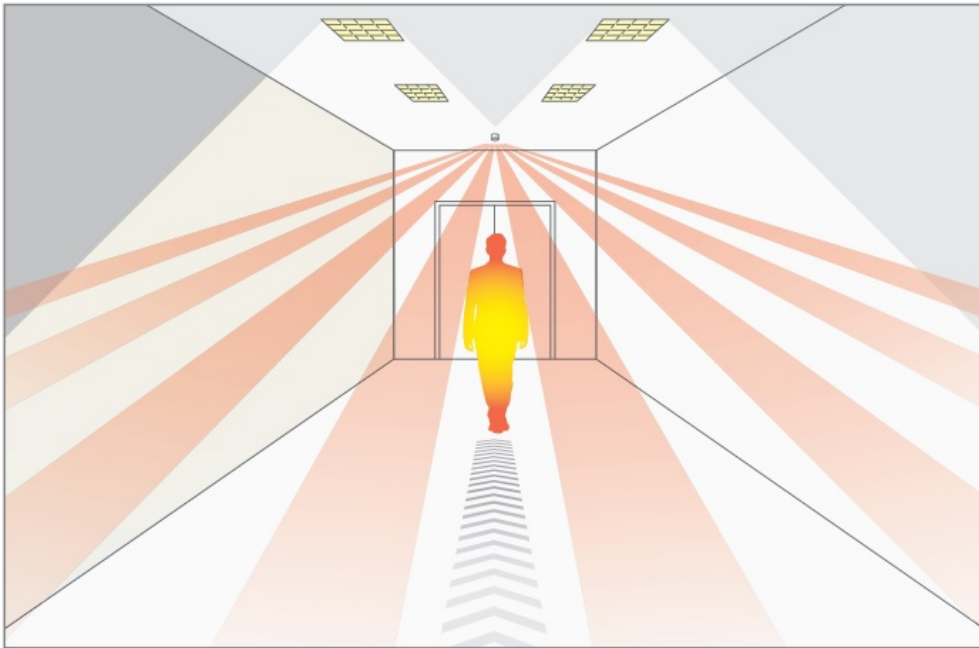
high ❮ sensitivity ❯ low

Walk across

Height	Range Diameter
9m	14m
7m	13m
5m	11m
3m	8m

Walk towards

Height	Range Diameter
9m	7m
7m	7m
5m	7m
3m	5m

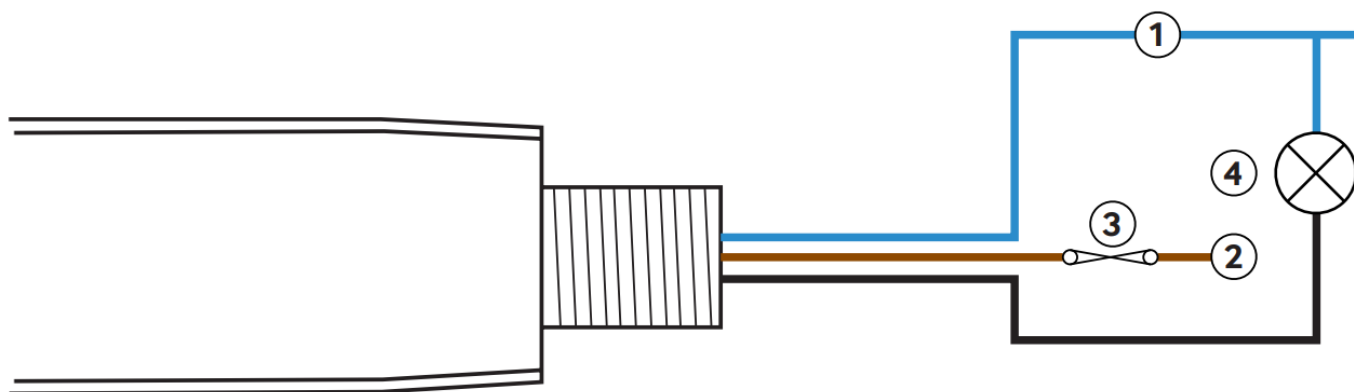**Walk towards & walk across explained**

cpelectronics.co.uk/cp/wta

Wiring

⚠ Dimming ouputs

Basic insulation only. Although low voltagethis is not an SELV output and should be treated as if mains potential. Use mains rated wiring.
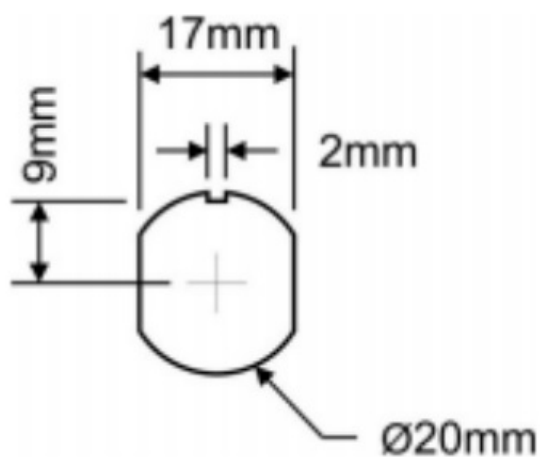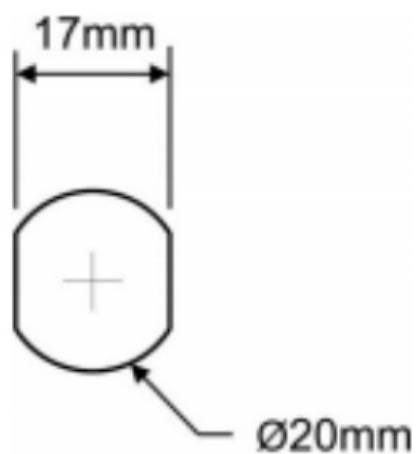
Key

1. Neutral
2. Live
3. 10A circuit protection if required
4. Load

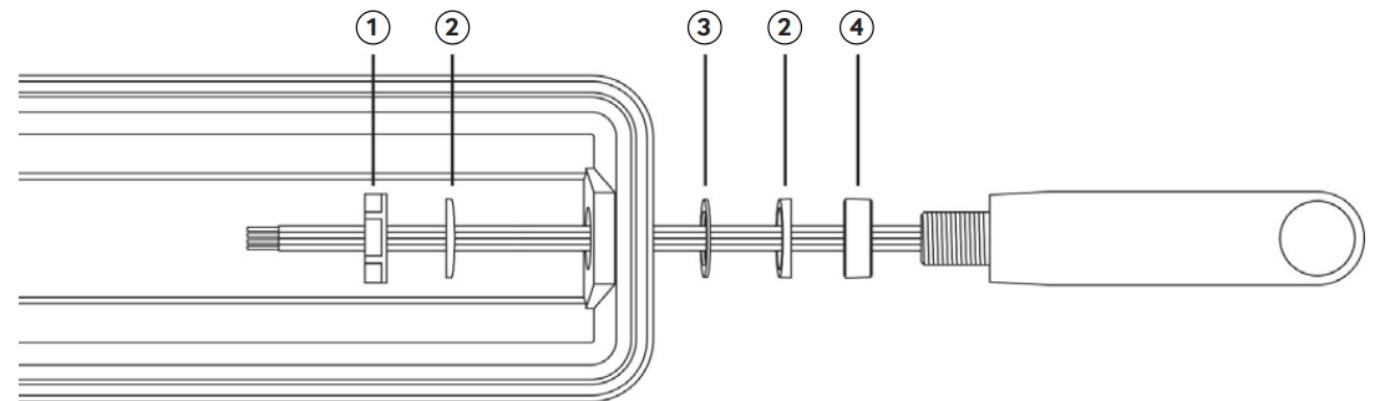**Walk towards & walk across explained**

IP luminaire fitting

Cut mounting hole

Mounting without key
Mounting with key. Note: Key to be at the top of the sensor.

Wire in plugs & connect to detector

Key

1. M20 nut

2. 5° washer (optional)

3. Silicone washer

4. IP spacer

   • Note: Use the 5° spacers where the luminaire has a draft angle.

   • Ensure that the silicone washer and/or IP spacer are used to maintain IP rating.

Default Settings

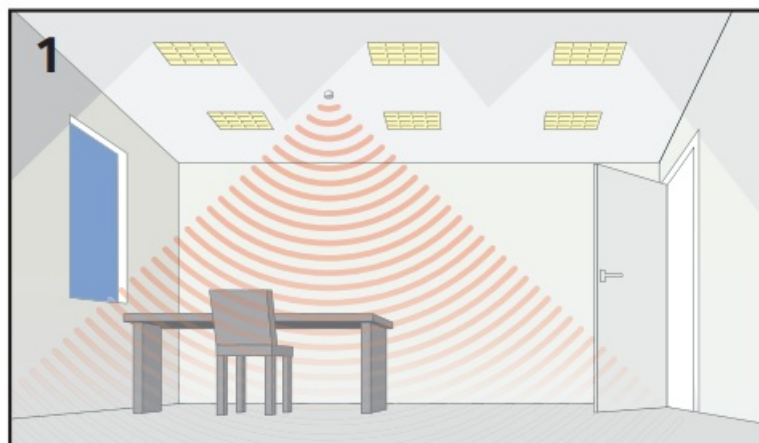Time out: 20 minutes.
LUX on level: 9
LUX off level: 9
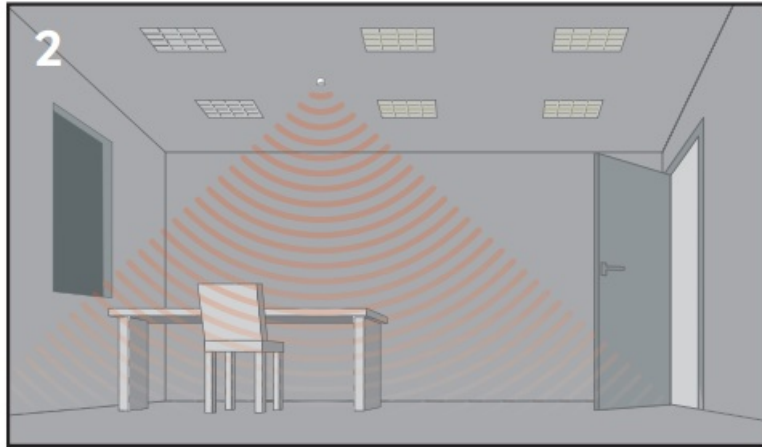Sensitivity: 9
Detection: Presence

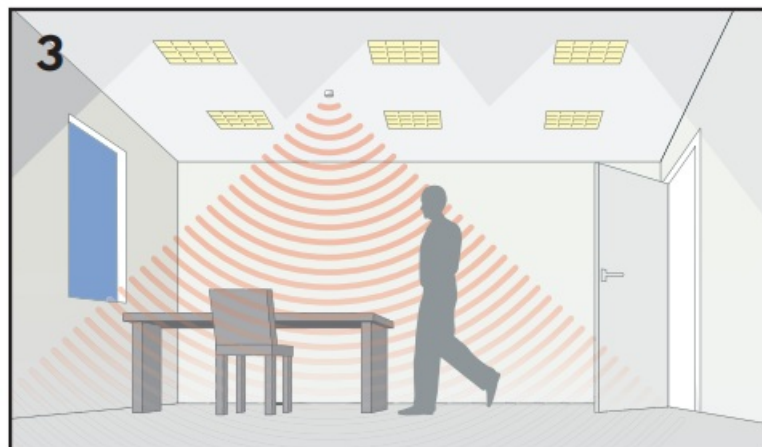Adjustments can be made using the optional UHS5 or UNLCDHS handsets.

Testing

1. Power up the sensor. The load should come on immediately.

2. Vacate the room or remain very still and wait for the load to switch off (this should take less than 20 minutes).

3. Enter the room or make some movement and check that the load switches on.

Part code	EBMPIR-MBPRM-LT30
Weight	0.100kg
Supply voltage AC	230 VAC +/- 10%
Supply frequency	50Hz
Power consumption parasitic	807mW
Max load:	
Incandescent lighting	2A
Fluorescent lighting	2A
Compact fluorescent lighting	2A
LED lighting	2A
Resistive heaters	2A
Cable specification	1m 1/1.13 solid core cable 105ºC
SON lighting	Switch loads via a contactor
Working temperature range	
Humidity	5 to 95% noncondensing
Material (casing)	Flame retardant ABS/PC
Insulation class	2
IP rating	65
Compliance $C \epsilon$	EMC-2014/30/EU LVD-2014/35/EU

Accessories & associated products

	Part Number	Description
	UHS5	Compact, programming/commissioning handset
	UHS7	Compact, user handset
	UNLCDHS	Universal LCD IR handset

Documents / Resources

CP electronics EBMPIR-MB-DD-LT30 Presence Detector [pdf] User Guide
EBMPIR-MB-DD-LT30 Presence Detector, EBMPIR-MB-DD-LT30, Presence Detector, Detector

References

- **Home | Legrand**
- **Home | Legrand**
- **CP Electronics | Brands | Legrand United Kingdom**