

EBMPIR-MB | Miniature, retrofit, luminaire mounted detectors



The EBMPIR-MB series of batten mount PIR presence detectors have been designed specifically for mounting on to a batten style luminaire.

- Batten mount retrofit solution
- Integrated power supply
- Suitable for a wide range of luminaires
- Supplied with 1m lead
- IP65 rated for wet and damp environments
- For mounting at heights up to 7m.

Available control methods

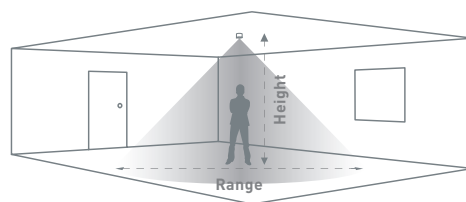
- PRM – Switching
- DD – DALI/DSI dimming
- AD – Analogue dimming

Available options

- LT30 – Low temperature
- LV – Low voltage (110V)

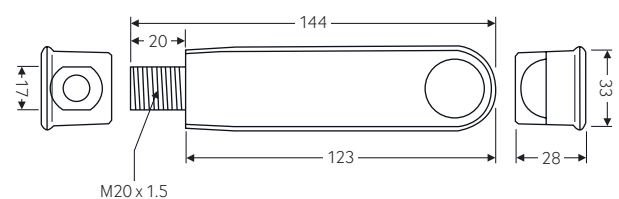
Detection pattern

high < sensitivity > low









Height	Range
2.8m	9m
7m	16m

Dimensions (mm)



Technical Data

Part Code	EBMPIR-MB-PRM	EBMPIR-MB-DD	EBMPIR-MB-AD
Control method	PRM Switching	DALI/DSI Digital Dimming	1–10V Analogue Dimming
IP rating	65	65	65
Device/ballast control	–	up to 10 drivers/ballasts	up to 4 drivers/ballasts
Weight	0.1	0.1	0.1
Supply voltage AC	230VAC+/-10%	230VAC+/-10%	230VAC+/-10%
Power consumption parasitic mW	807mW	516mW	817mW
Maximum loads			
Incandescent lighting (INC)	2A	2A	2A
Fluorescent lighting (F)	2A	2A	2A
Compact fluorescent lighting (CF)	2A	2A	2A
LED lighting (LED)	2A	2A	2A
Resistive heaters (RH)	2A	2A	2A
Working temperature range °C	-10 to 50	-10 to 50	-10 to 50
Humidity	5 to 95% non-condensing	5 to 95% non-condensing	5 to 95% non-condensing
Material (casing)	Flame retardant ABS/PC	Flame retardant ABS/PC	Flame retardant ABS/PC
Insulation class	Class 2	Class 2	Class 2
Compliance	EMC-2014/30/EU LVD-2014/35/EU	EMC-2014/30/EU LVD-2014/35/EU	EMC-2014/30/EU LVD-2014/35/EU
Time out range	10s–99m	10s–99m	10s–99m

 <p>www.cpelectronics.co.uk</p>	<p>CP Electronics A Business unit of Legrand Electric Limited. Brent Crescent, London NW10 7XR, UK t. +44 (0)333 900 0671 info@cpelectronics.co.uk</p> <p>connect with us    </p>	<p>Important notice: This device should be installed by a qualified electrician in accordance with the latest edition of the IEE Wiring Regulations and the applicable Building Regulations.</p> <p>Due to our policy of continual product improvement CP Electronics reserves the right to alter the specification of this product without prior notice.</p> <div style="text-align: right;">   </div>
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