

## EBDHS-MB | Long range, luminaire mounted, high level detectors



PATENTED DESIGN

The EBDHS-MB luminaire mounted PIR presence detector range provides exceptionally sensitive and long range detection. Ideal for high bay lighting control in areas with demanding spaces and increased mounting heights.

- Ground breaking detection range
- For mounting at heights up to 20m depending on operating parameters
- Unique lens technology – high sensitivity
- Ideal for high level/high bay applications
- Easy to retrofit to commercial luminaires and basic battens.

### Available control methods

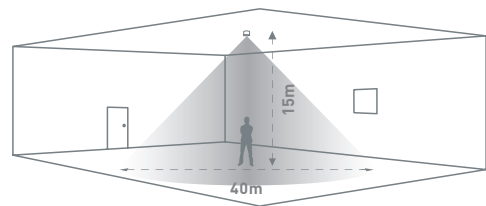
- PRM – Switching
- DD – DALI/DSI dimming
- AD – Analogue dimming

### Available options

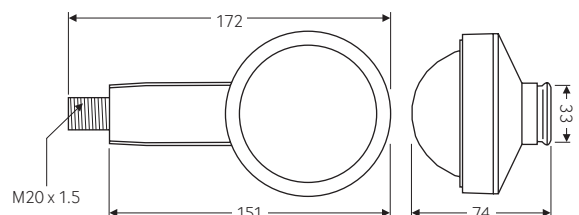
- LT30 – Low temperature

### Detection pattern

high < sensitivity > low










### Dimensions (mm)



## Technical Data

Part Code	EBDHS-MB-PRM	EBDHS-MB-DD	EBDHS-MB-AD
<b>Control method</b>	PRM Switching	DALI/DSI Digital Dimming	1–10V Analogue Dimming
<b>IP rating</b>	65	65	65
<b>Device/ballast control</b>	–	up to 10 drivers/ballasts	up to 4 drivers/ballasts
<b>Weight</b>	0.15	0.15	0.15
<b>Supply voltage AC</b>	230VAC+/-10%	230VAC+/-10%	230VAC+/-10%
<b>Supply Frequency (Hz)</b>	50	50	50
<b>Power consumption parasitic mW</b>	249mW	253mW	290mW
<b>Maximum loads</b>			
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
<b>Working temperature range °C</b>	-10 to 35	-10 to 35	-10 to 35
<b>Humidity</b>	5 to 95% non-condensing	5 to 95% non-condensing	5 to 95% non-condensing
<b>Material (casing)</b>	Flame retardant ABS/PC	Flame retardant ABS/PC	Flame retardant ABS/PC
<b>Insulation class</b>	Class 2	Class 2	Class 2
<b>Compliance</b>	EMC-2014/30/EU LVD-2014/35/EU	EMC-2014/30/EU LVD-2014/35/EU	EMC-2014/30/EU LVD-2014/35/EU
<b>Time out range</b>	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><b>Important notice:</b></p> <p>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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