

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

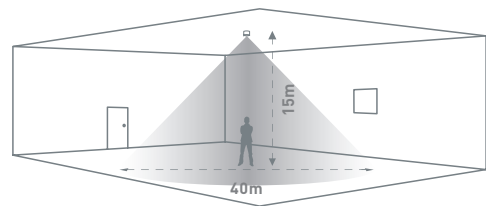
- PRM – Switching
- DD – DALI/DSI dimming
- AD – Analogue dimming

Available options

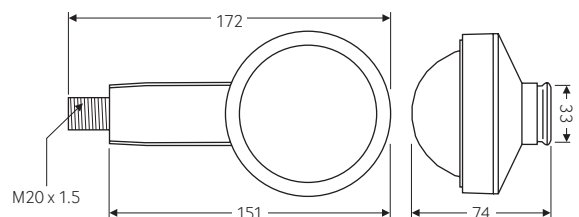
- LT30 – Low temperature

Detection pattern

high < sensitivity > low









Dimensions (mm)



Technical Data

Part Code	EBDHS-MB-PRM	EBDHS-MB-DD	EBDHS-MB-AD
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	0.15	0.15	0.15
Supply voltage AC	230VAC+/-10%	230VAC+/-10%	230VAC+/-10%
Supply Frequency (Hz)	50	50	50
Power consumption parasitic mW	249mW	253mW	290mW
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 35	-10 to 35	-10 to 35
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. 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="display: flex; justify-content: space-between; align-items: center;"> <div data-bbox="1276 1937 1492 2004">  </div> <div data-bbox="1276 2027 1492 2105">  </div> </div>
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