

## EBDHS-AD | 1–10v analogue dimming, low temp, IP40, high bay/high level, flush mounted, PIR, presence/absence detector



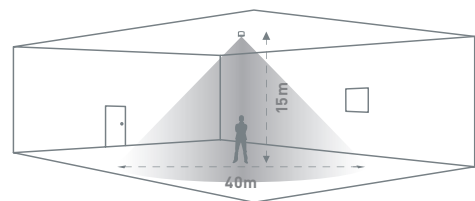
The EBDHS-AD PIR presence detector is developed for lighting control in areas with demanding spaces and increased mounting heights.

### Key Product Features:

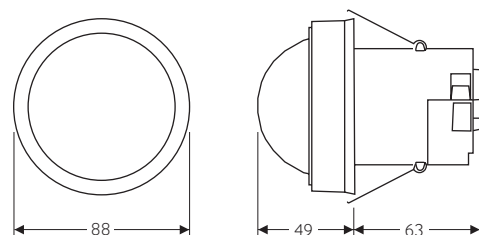
- Ground breaking detection range
- For mounting at heights up to 20m depending on operating parameters
- Unique lens technology – high sensitivity
- Ideal for high level/high bay applications
- Supplied with adjustable masking shields to tailor detection zones
- 5 year warranty.

### Detection pattern

high < sensitivity > low










### Dimensions (mm)



## Technical Data







<b>Part Code</b>	<b>EBDHS-AD</b>
<b>Control method</b>	1–10V Analogue Dimming
<b>IP rating</b>	40
<b>Device/ballast control</b>	up to 10 drivers/ballasts
<b>Weight (kg)</b>	0.200
<b>Supply voltage AC</b>	230 VAC +/- 10%
<b>Supply Frequency (Hz)</b>	50
<b>Power consumption parasitic mW</b>	305mW
<b>Terminal capacity</b>	2.5mm <sup>2</sup>
<b>Maximum loads</b>	
Incandescent lighting (INC)	10A
Fluorescent lighting (F)	10A
Compact fluorescent lighting (CF)	10A
LED lighting (LED)	10A
Resistive heaters (RH)	10A
Fans & ventilation equipment (F&V)	10A
<b>Working temperature range °C</b>	-10 to 35
<b>Humidity</b>	5 to 95% non-condensing
<b>Material (casing)</b>	Flame retardant ABS and PC/ABS
<b>Insulation class</b>	Class 2
<b>Compliance</b>	EMC-2014/30/EU, LVD-2014/35/EU
<b>Time out range</b>	10s–99m
<b>Cutout diameter</b>	64mm

## Accessories and Associated Products

Part Number	Description
 DBB	Surface mounting box
 DBB-EXT	Surface mount back box extender
 EBD-ENCIP1	Pre-drilled 64mm hole IP65 detector enclosure
 EXD-HSC	Extended wiring housing
 UHS5	Compact, programming/commissioning handset
 UHS7	Compact, user handset
 UNLCDHS	Universal LCD IR handset/commissioning handset

## Key Functionality Features:

- Switching/Dimming with Lux Level Sensing
- Programmable via our programming handset
- Absence detection functionality
- User handset available to control on/off and lux levels
- Step-down illuminance
- Maintained Illuminance (daylight linking or daylight harvesting)
- Suitable for all lighting types
- Two channel flexibility
- Scene setting and recall
- Lamp burn-in
- User handset available to control on/off, lux levels and preset scenes.

	<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><b>Important notice:</b> 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>	
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