

EBDHS-AT-DD | DALI/DSI digital dimming, wireless, IP40, high bay/ high level, flush mounted, PIR, presence/absence detector



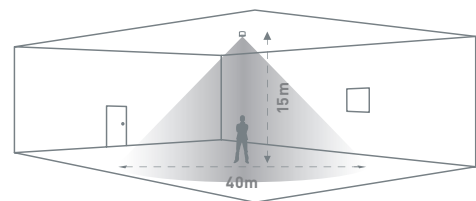
The EBDHS-AT-DD is a wireless, high performance, PIR presence detector for use with the AN-10 range of products, developed for lighting control in areas with demanding spaces and increased mounting heights.

Key Product Features:

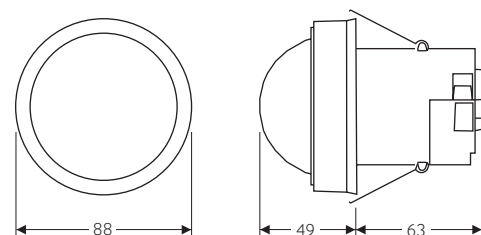
- Wireless connectivity
- Ground breaking detection range
- For mounting at heights up to 20m depending on operating parameters
- Unique lens technology – high sensitivity
- Ideal for high level/high bay applications
- Supplied with adjustable masking shields to tailor detection zones
- 5 year warranty.

Detection pattern

high < sensitivity > low










Dimensions (mm)



Technical Data




Part Code	EBDHS-AT-DD
Control method	DALI/DSI Digital Dimming
IP rating	40
Weight	0.100
Supply voltage AC	230 VAC +/- 10%
Power consumption parasitic mW	637mW
Terminal capacity	2.5mm ²
Maximum loads	
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
Low voltage halogen (LVH)	10A
Working temperature range °C	0 to 35
Humidity	5 to 95% non-condensing
Material (casing)	Flame retardant ABS
Insulation class	Class 2
Compliance	EN300 220-2 V2.1.2 EN301 489-1 V1.8.1 EN301 489-3 V1.2.1 LVD-2006/95/EC
Time out range	10s–99m
Cutout diameter	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
- Step-down illuminance
- Maintained Illuminance (daylight linking or daylight harvesting)
- Digital detectors can control up to 20 dimming drivers / ballasts
- Suitable for all lighting types
- Two channel flexibility
- Scene setting and recall
- Lamp burn-in
- Analogue detectors can control up to 10 dimming drivers / ballasts
- 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>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>	 
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