

EBDHS-AD-LT30 | 1–10v analogue dimming, IP65, high bay/high level, flush mounted, PIR, presence/absence detector



minus
30°C
range

IP65

PATENTED
DESIGN

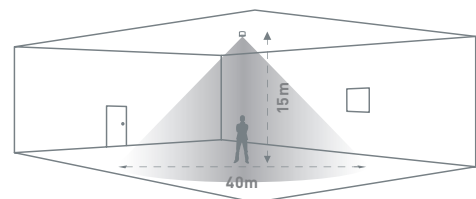
The EBDHS-AD-LT30 PIR presence detector is developed for lighting control in areas with demanding spaces and increased mounting heights.

Key Product Features:

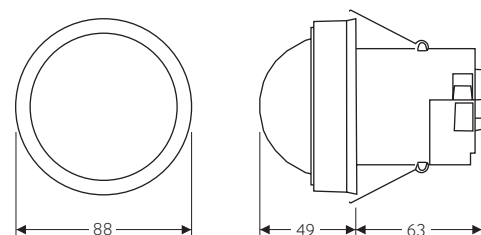
- Groundbreaking detection range
- For mounting at heights up to 20m depending on operating parameters
- Operating temperature range -30°C to 35°C
- IP65 rated
- Unique lens technology – high sensitivity
- Ideal for cold storage warehousing lighting control
- Supplied with adjustable masking shields to tailor detection zones
- Verify feature – reduces false triggering by ensuring detection from more than one of the internal sensors
- Compatible with the UHS5 or UNLCDHS handsets for easy programming
- 5 year warranty

Detection pattern

high < sensitivity > low










Dimensions (mm)



Technical Data



Part Code	EBDHS-AD-LT30
Control method	1–10V Analogue Dimming
IP rating	65
Device/ballast control	up to 10 drivers/ballasts
Weight (kg)	0.200
Supply voltage AC	230 VAC +/- 10%
Supply Frequency (Hz)	50
Power consumption parasitic mW	305mW
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
Working temperature range °C	-30 to 35
Humidity	5 to 95% non-condensing
Material (casing)	Flame retardant ABS and PC/ABS
Insulation class	Class 2
Compliance	EMC-2014/30/EU, LVD-2014/35/EU
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
- 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>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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