

## EBDHS-PRM-LT30 | PRM switching, low temp, IP65, high bay/high level, flush mounted, PIR, presence/absence detector



minus  
30°C  
range

IP65

PATENTED  
DESIGN

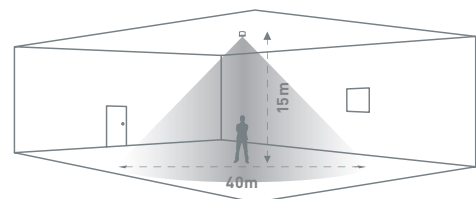
The EBDHS-PRM-LT30 PIR presence detector is developed for lighting control in areas with demanding spaces and increased mounting heights.

### Key Product Features:

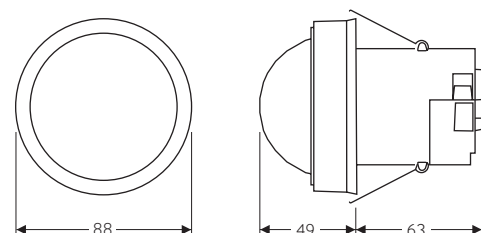
- Groundbreaking detection range
- For mounting at heights up to 20m depending on operating parameters
- Operating temperature range -30°C to 35°C
- IP65 rated
- Unique lens technology – high sensitivity
- Ideal for cold storage warehousing lighting control
- Supplied with adjustable masking shields 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




<b>Part Code</b>	<b>EBDHS-PRM-LT30</b>
<b>Control method</b>	PRM Switching
<b>IP rating</b>	65
<b>Device/ballast control</b>	–
<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>	847mW
<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>	-30 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>	

## 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 with lux level sensing
- Absence detection functionality
- Programmable via our programming handset
- User handset available to control on/off and lux levels.

	<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></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>	 
	<p>www.cpelectronics.co.uk</p>		