

EBDSPiR-DD-LV | DALI/DSI digital dimming, compact, IP40, ceiling, flush mounted, PIR, presence/absence detector, low voltage



Key Product Features:

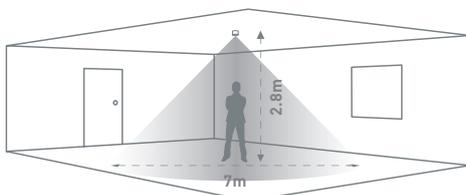
- Low profile design
- Low voltage
- Self contained unit
- Pluggable
- Range up to 7m at 2.8m mounting height
- Programmable via our UHS5 or UNLCDHS infrared handsets
- User handset available to control on/off, lux levels and preset scenes
- Flush or surface mounted with DBB accessory
- 5 year warranty

Key Functions:

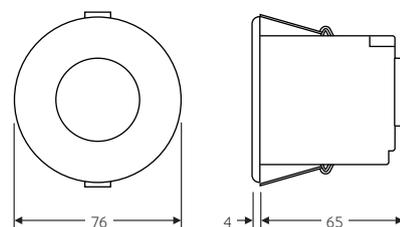
- Switching/Dimming with Lux Level Sensing
- Programmable via our programming handset
- Absence detection functionality
- Step-down illuminance
- Maintained Illuminance (daylight linking or daylight harvesting)
- Suitable for all lighting types
- Two channel flexibility
- Scene setting and recall
- Lamp burn-in

Detection pattern

high < sensitivity > low



Dimensions (mm)



Technical Data

Part Code	EBDSPIR-DD-LV
Control method	DALI/DSI digital dimming
Weight	0.150kg
Supply voltage AC	10–26.5 VAC
Supply voltage DC	11.5–36 VDC
Supply frequency	50Hz
Power consumption parasitic	257mW
Terminal capacity	2.5mm ²
Maximum loads	
Incandescent lighting	6A
Fluorescent lighting	3A
LED lighting	3A
Resistive heaters	8A
Number of drivers/ballasts	Up to 10, or 20 with relay disabled
Working temperature range	-10 to 35°C
Humidity	5 to 95% non-condensing
Material (casing)	Flame retardant ABS and PC/ABS
Insulation class	2
IP rating	40
Compliance	 EMC-2014/30/EU LVD-2014/35/EU

Accessories and Associated Products

Part Number	Description
 UHS5	Compact, programming/ commissioning handset
 UHS7	Compact, user handset
 UNLCDHS	Professional, programming/ commissioning LCD handset
 EBD-ENCIP1	Pre-drilled 64mm hole detector adapter enclosure
 EXD-HSC	Extended wiring housing
 EBDSPIR-MS	Masking shields for EBDSPIR range
 DBB	Surface mount back box for 76mm diameter detectors and light level controls
 DBB-EXT	Surface mount back box extender for 76mm diameter detectors and light level controls

	<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> <div style="text-align: right;">   </div>
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