

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



Key Product Features:

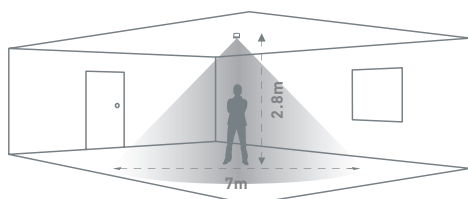
- Low profile design
- Self contained unit
- Pluggable
- Range up to 7m at 2.8m mounting height
- Infrared programmable
- Programmable via our UHS5 or UNLCDHS infrared handsets
- User handset available to control on/off, lux levels and preset scenes
- Flush or surface mounted with DBB accessory
- 5 year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

Key Functions:

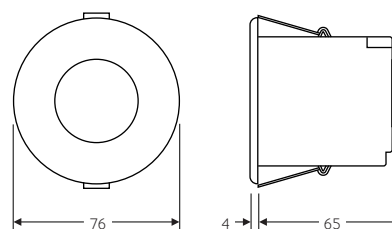
- Switching/Dimming with Lux Level Sensing
- Programmable via our programming handset
- Absence detection functionality
- Step-down illuminance
- Maintained Illuminance (daylight linking or daylight harvesting)
- Suitable for all lighting types
- Two channel flexibility
- Scene setting and recall
- Lamp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

Detection pattern


high < sensitivity > low











Dimensions (mm)




Technical Data

Part Code	EBDSPIR-DD
Control method	DALI/DSI digital dimming
Weight	0.150kg
Supply voltage AC	230 VAC +/- 10%
Supply frequency	50Hz
Power consumption parasitic	807mW
Terminal capacity	2.5mm ²
Maximum loads	
Incandescent lighting	10A
Fluorescent lighting	10A
Compact fluorescent lighting	10A
LED lighting	10A
Resistive heaters	10A
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

	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	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. Due to our policy of continual product improvement CP Electronics reserves the right to alter the specification of this product without prior notice.
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