

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



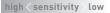


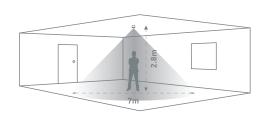
These compact PIR detectors provide automatic control for lighting, heating and ventilation loads. The PIR sensor can be mounted either flush into a ceiling tile or using a surface mounting box.

Key Features:

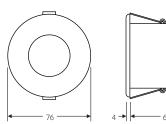
- Low profile design
- Self contained unit
- Pluggable
- Switching/Dimming with Lux Level Sensing
- Programmable via our programming handset
- Absence detection functionality
- Suitable for all lighting types
- Two channel flexibility
- Range up to 7m at 2.8m mounting height
- Infrared programmable
- 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

Detection pattern





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	2.5mm²
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
Light detection range	Usable 15-950 Lux
Time out range	10s-99m
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 Nu	ımber	Description
	UHS5	Compact, programming/ commissioning handset
	UHS7	Compact, user handset
	UNLCDHS	Professional, programming/ commissioning LCD handset
0 0	EBD-ENCIP1	Pre-drilled 64mm hole detector adapter enclosure
(A)	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
8.	DBB-EXT	Surface mount back box extender for 76mm diameter detectors and light level controls















+44 (0)333 900 0671 info@cpelectronics.co.uk www.cpelectronics.co.uk



