

EBDSM | Compact surface mounted detector



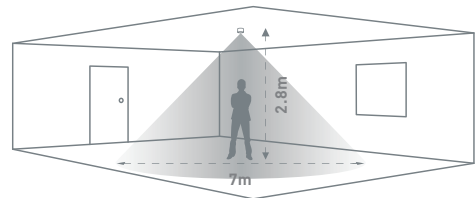
This range of surface mounted PIR presence detectors is perfect for simple attachment when flush mounting is not possible.

Key Product Features:

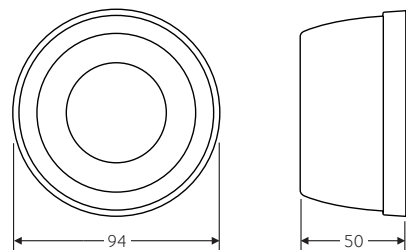
- Self contained unit
- Easy to install via back plate
- Infrared programmable via our UHS5 and UNLCDHS handsets
- IP40 (no gasket); IP54 when fitted with gasket.

Detection pattern


high < sensitivity > low



Dimensions (mm)



Part Code	EBDSM-PRM	EBDSM-DD	EBDSM-AD
Technical Data			
Control method	PRM switching	DALI/DSI digital dimming	1–10V analogue dimming
IP rating	IP40 without gasket; IP54 with gasket	IP40 without gasket; IP54 with gasket	IP40 without gasket; IP54 with gasket
Device/ballast control	–	up to 20 drivers/ballasts	up to 10 drivers/ballasts
Weight	0.15kg	0.15kg	0.15kg
Supply voltage AC	230VAC+/-10%	230VAC+/-10%	230VAC+/-10%
Supply frequency	50Hz	50Hz	50Hz
Power consumption parasitic	895mW	807mW	260mW
Terminal capacity	2.5mm ²	2.5mm ²	2.5mm ²
Working temperature range °C	-10 to 35	-10 to 35	-10 to 35
Humidity	5 to 95% non-condensing	5 to 95% non-condensing	5 to 95% non-condensing
Material (casing)	Flame retardant ABS and PC/ABS	Flame retardant ABS and PC/ABS	Flame retardant ABS and PC/ABS
Insulation class	Class 2	Class 2	Class 2
Compliance	EMC-2004/108/EC LVD-2006/95/EC	EMC-2004/108/EC LVD-2006/95/EC	EMC-2004/108/EC LVD-2006/95/EC
Time out range	10s–99m	10s–99m	10s–99m
Maximum loads			
Incandescent lighting	10A	10A	10A
Fluorescent lighting	10A	10A	10A
Compact fluorescent lighting	10A	10A	10A
LED lighting	10A	10A	10A
Resistive heaters	10A	10A	10A
Fans & ventilation equipment	10A	10A	10A

	<p>CP Electronics A Business unit of Legrand Electric Limited, Brent Crescent, London NW10 7XR, UK +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. 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>		

