

EBDSM | Compact surface mounted detector



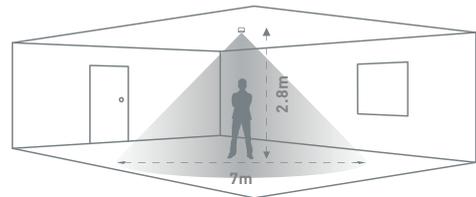
This range of surface mounted PIR presence detectors is perfect for simple attachment when flush mounting is not possible.

Key Product Features:

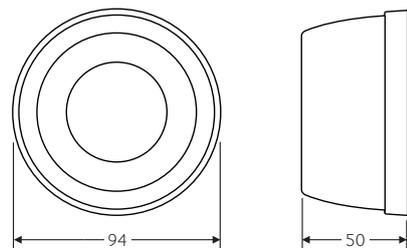
- Self contained unit
- Easy to install via back plate
- Infrared programmable via our UHS5 and UNLCDHS handsets
- IP40 (no gasket); IP54 when fitted with gasket.

Detection pattern

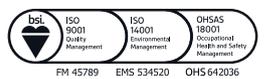
high < sensitivity > low



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> | | |