

## EBDRC | Adjustable head, flush mounted detectors



Head can be adjusted to suit the detection pattern required



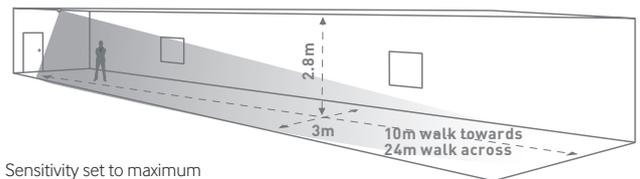
Detection head position set to 90°

The EBDRC PIR series contains an adjustable head, and is fitted with a curtain lens for long range detection. Our directional PIR is suitable for mounting in aisleway and corridor applications where a long narrow detection pattern is required.

- Adjustable head
- Curtain lens for longer detection range
- Lux and time control
- IP40 rated
- Ideal for corridor applications.

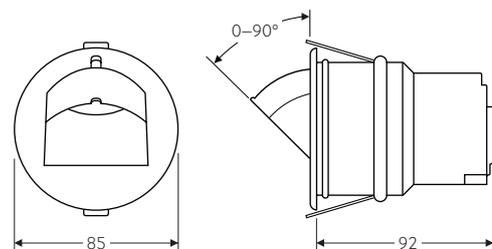
### Detection patterns

high < sensitivity > low



Sensitivity set to maximum  
Detector head position must be set to 90°

### Dimensions (mm)



## Technical Data

Part Code	EBDRC-PRM	EBDRC-DD	EBDRC-AD
<b>Weight</b>	0.2kg	0.2kg	0.2kg
<b>Supply voltage AC</b>	230 VAC +/- 10%	230 VAC +/- 10%	230 VAC +/- 10%
<b>Circuit Protection</b>	<=10A MCB Type B	<=10A MCB Type B	<=10A MCB Type B
<b>Supply frequency</b>	50Hz	50Hz	50Hz
<b>Power consumption parasitic</b>	840mW	810mW	724mW
<b>Terminal capacity</b>	2.5mm <sup>2</sup>	2.5mm <sup>2</sup>	2.5mm <sup>2</sup>
<b>Maximum loads</b>			
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 and ventilation equipment	10A	10A	10A
<b>Load Inrush rating</b>	200A for 300µs	–	–
<b>No of drivers connected</b>	–	Up to 10	Up to 10
<b>Light detection range</b>	Usable 15-950 Lux	Usable 15-950 Lux	Usable 15-950 Lux
<b>Time out range</b>	10s–99m	10s–99m	10s–99m
<b>Rated impulse voltage</b>	2500V	2500V	2500V
<b>Operating Temperature</b>	-20 to +35°C	-20 to +35°C	-20 to +35°C
<b>Humidity</b>	5 to 95% non-condensing	5 to 95% non-condensing	5 to 95% non-condensing
<b>Material (casing)</b>	Flame retardant ABS and PC/ABS	Flame retardant ABS and PC/ABS	Flame retardant ABS and PC/ABS
<b>Insulation class</b>	2	2	2
<b>IP rating</b>	40	40	40
<b>Compliance</b>	 EMC-2014/30/EU, LVD-2014/35/EU	EMC-2014/30/EU, LVD-2014/35/EU	EMC-2014/30/EU, LVD-2014/35/EU

 <p>www.cpelectronics.co.uk</p>	<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>connect with us    </p>	<p><b>Important notice:</b> 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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