

# PIR SWITCHES

## 230v Standard (optional 24v on request) Indoor PIR Switches featuring:

**Adjustable overrun** time from 10 secs – 40 mins. This is the time the load will stay on for after the last time the PIR detects someone.

**Adjustable Photocell** to inhibit the lights from switching on when somebody is detected by the PIR if there is enough ambient light. Range 100 – 1000 Lux and inactive.

**NB: Photocell MUST be set to maximum/inactive when using PIR to switch valves / motor load.**

**Loading:** All models can switch up to 6 amps (1500W at 230VAC) of resistive and fluorescent lighting loads or up to 3amps (750W) of electronic and wire wound transformer loads, or up to 2amps (500W) of CFL, 2D Lamps LED Drivers and LED Lamps and fittings or up to 1 amp (250W) of valve, fan or motor loads.

**Single PIR can control several valves, or several PIRs can be wired in parallel to control the same load.**

## Ceiling PIR Switches

**Plan view of detection zone**

- Strong detection zone  
i.e. person moving arm
- Secondary detection zone  
i.e. person walking (less sensitive when walking straight towards PIR switch)

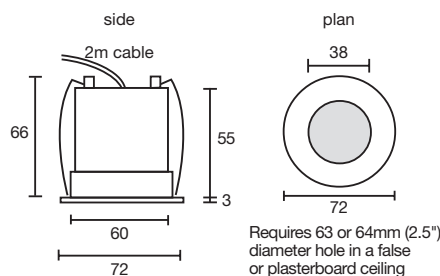
**PIR Quad detector gives 124 detection areas within the zone**

**Perspective view of detection zone**

For optimum coverage recommended mounting height between 2.4 and 5m.

**Several PIR occupancy switches**  
In open plan areas  
For best coverage the PIR occupancy switches should be spaced every 5m in either direction

## Ceiling Recessed PIR Switch



**Order Codes:**

**PIR/D/REC**

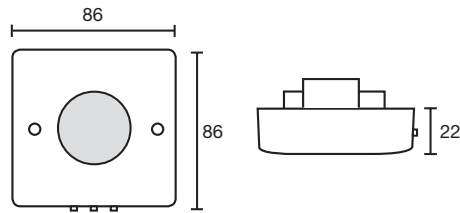
72mm diameter

**PIR/D/REC/Sealed**

IP44 rated ceiling recessed PIR

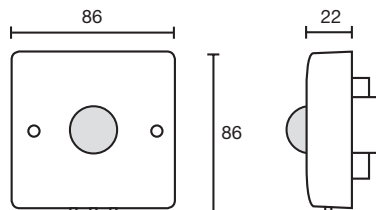
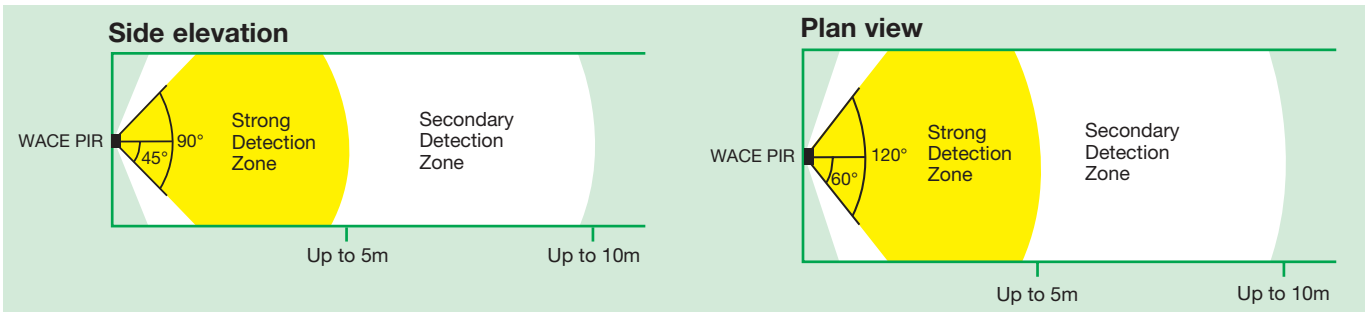
*Available on request.*

## Ceiling Mounted PIR Switch



**Order Code:**  
**PIR/D/SM**  
86mm × 86mm

## Wall Mounted PIR Switch



**Order Code:**  
**PIR/D/WM**  
86mm × 86mm



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