

# SET-IRL3 Occupancy Sensor

**set square**  
energy saving controls

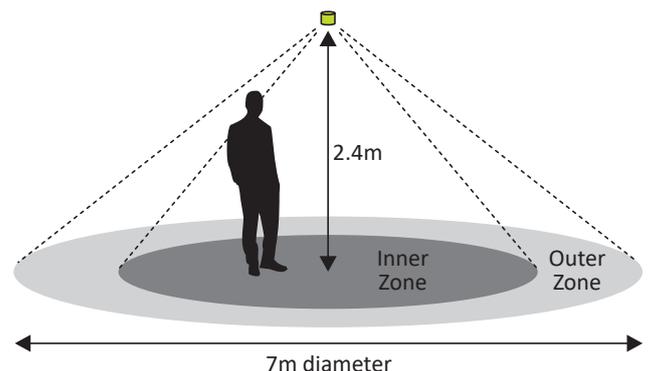


## Key Features

- » Occupancy Sensor.
- » Flush mounting.
- » Standalone operation.
- » Super sensitive - dual pyro element detection.
- » Single gang box mounting into plasterboard or fibre ceiling tiles.
- » Multi-facet fresnel lens.
- » Compact and discreet form factor.
- » Mode Lighting products are guaranteed for two years.

The SET-IRL3 is a standalone surface ceiling mounted PIR sensor which detects the movement of infra-red radiation from a human body. The sensor is mains powered and provides mains power out, directly to light fittings when movement is detected. When no movement is detected over the adjustable time delay, the lights will switch off.

**LITEminder**



## Installation Diagrams

Figure 1. Mounting.

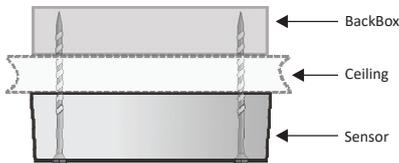


Figure 2. Wiring

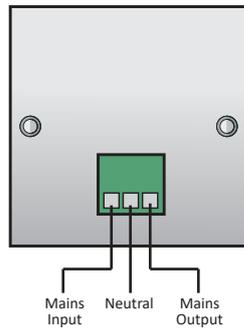
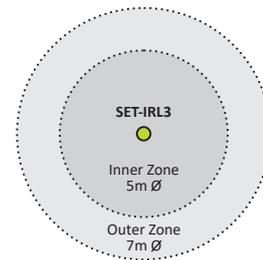


Figure 3. PIR Detection Coverage



## Technical Data

Inputs	
Voltage Supply	» 230v AC 50Hz
Current Consumption	» 100mA
Connection	» Screw Terminals
Movement Sensor	
Type	» Passive Infra Red
Movement Sensor Type	» Dual pyro element
Field of View	» 360°
Coverage	» Diameter = 3x Ceiling Height (m)
Output	» Switched 230v AC
Switching Capacity	» 8 Amps inductive or resistive. (9 LED drivers or HF Ballasts)
Time Delay	» Set 12 Minutes +/- 10% non a
Mechanical	
Dimensions	» L=80mm x W=80mm x D=27mm
Material	» White Polycarbonate
Weight	» 44g
Operating temperature	» 0-40°C
IP rating	» IP 50
Mechanical Fixing	» Fits to a single gang back box
Product Codes	
SET-IRL3	» Standard
SET-IRL3-A	» Absence Detector - Extra pair of wires for volt free switch

