

SET-IRL4 Occupancy Sensor

set square
energy saving controls



Key Features

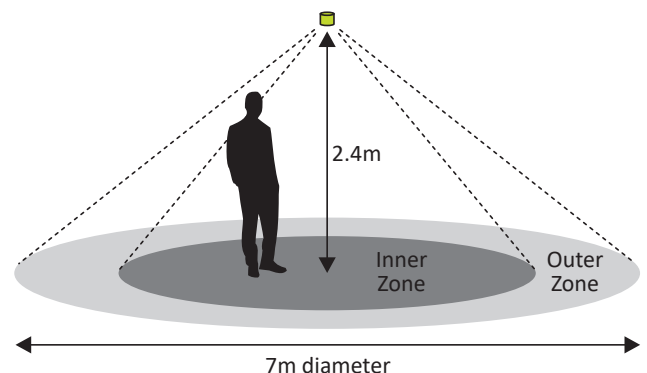
- » Occupancy Sensor.
- » Recessed Mount.
- » Standalone operation.
- » Adjustable time delay.
- » Super sensitive - dual pyro element detection.
- » Easy mounting in plasterboard ceilings or fibre ceiling tiles.
- » Multi-facet fresnel lens.
- » Compact and discreet form factor.
- » Mode Lighting products are guaranteed for two years.

The SET-IRL4 is a standalone recessed 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 light will switch off.

LITEminder

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SWITCHING



Installation Diagrams

Figure 1. Rear Mounting.

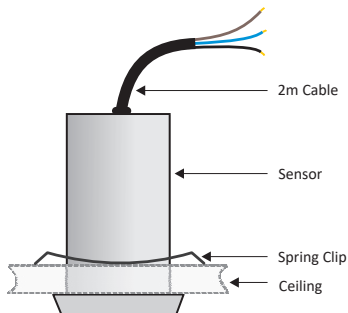


Figure 2. Wiring

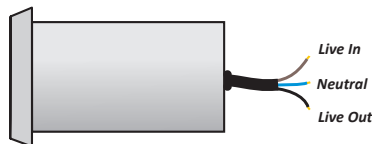


Figure 3. PIR Detection Coverage

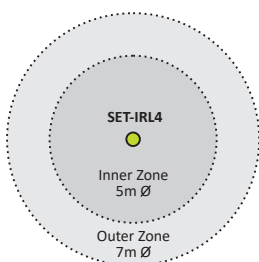
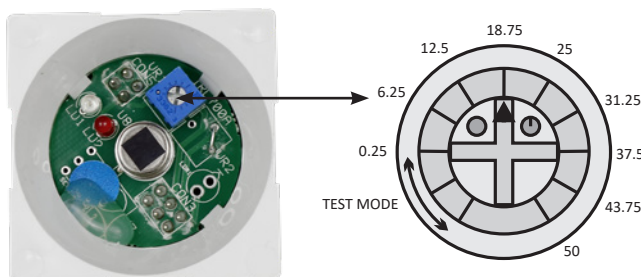


Figure 4. Time Delay Switch



Technical Data

Inputs	
Voltage Supply	» 230v AC 50Hz
Current Consumption	» 100mA
Connection	» 2 metre mains lead attached.
Movement Sensor	
Type	» Passive Infra Red
Movement Sensor Type	» Dual pyro element
Field of View	» 360°
Coverage	» Diameter = 3 x Ceiling Height (m)
Output	» Switched 230v AC
Switching Capacity	» 8 Amps inductive or resistive. (9 LED drivers or ballasts)
Time Delay	» 0.25 to 50 minutes adjustable
Mechanical	
Dimensions	» 110mm Length, 40mm diameter
Material	» White Polycarbonate
Weight	» 100g
Operating temperature	» 0-40°C
IP rating	» IP 50
Installation hole	» 38mm
Mechanical Fixing	» Metal spring clip

Product Codes	Description
SET-IRL4	» Standard - For ceiling tile mount
SET-IRL4-A	» Absence Detector - Extra pair of wires for volt free switch
SET-IRL4-VF	» Volt Free - Extra pair of wires for volt free output
SET-IRL4-FF	» Front Fit - For fixed ceilings

