

SET-SOLOXS

Occupancy Sensor

set square
energy saving controls

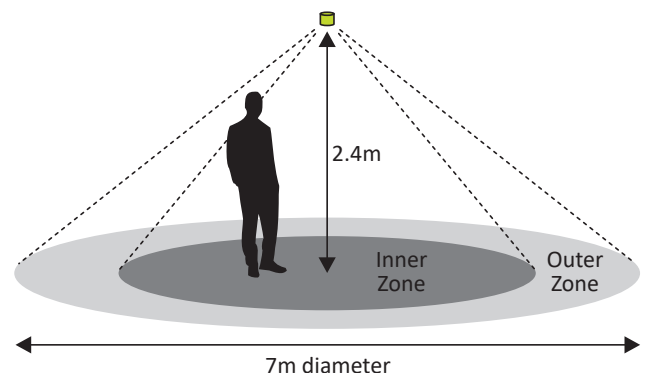


The SET-SOLO-XS is a standalone recessed ceiling mounted PIR sensor combining a light level sensor which detects the movement of infra-red radiation from a human body and the ambient light level. The sensor is mains powered and when movement is detected and the natural daylight is insufficient, it will switch the light ON. When no movement is detected over the adjustable time delay, the light will switch off.

Key Features

- » Occupancy and Light Level 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.

LITEminder



Installation Diagrams

Figure 1. Rear Mounting.

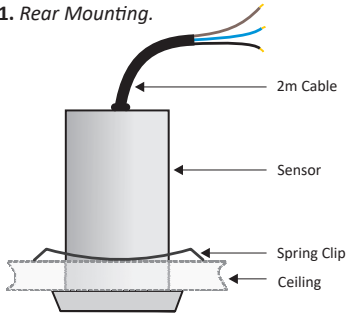


Figure 2. Wiring

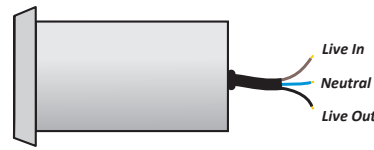


Figure 3. PIR Detection Coverage

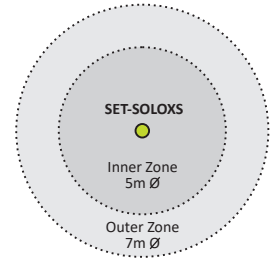
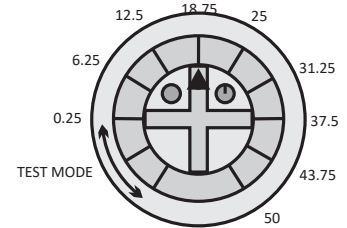
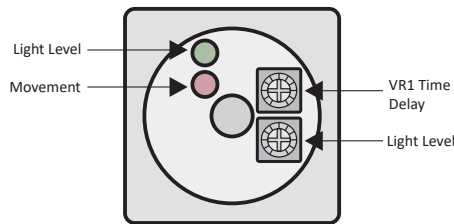


Figure 4. Time Delay Switch



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. (8 LED drivers or HF Ballasts)
Time Delay	» 0.25 to 50 minutes (adjustable)
Light Sensor	
Type	» Photocell
Light Level Sensor Type	» Photo Diode
Lux Level	» 50 - 1500 Lux (adjustable)
Time Delay	» 30 second buffer between ON level and OFF level
Mechanical	
Dimensions	» L=45mm x W=45mm x D=110mm
Material	» White Polycarbonate
Weight	» 44g
Operating temperature	» 0-40°C
IP rating	» IP 50
Installation hole	» 38mm
Mechanical Fixing	» Metal spring clip

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



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