

# 230v PIR sensor

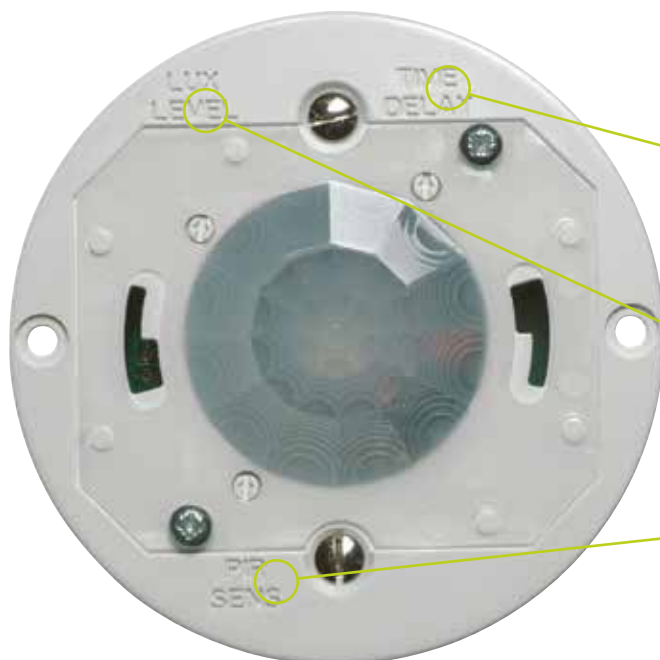
## 230v Combined Passive Infra Red and Daylight Sensor

Each 230v Sensor is a multifunctional fully adjustable combined passive infra red and daylight (LUX) sensor.

These sensors may be used with Sirius LSMs and Proxima BMBs.

- Presence Detection
- Optional Daylight Hold Off
- Pluggable – no onsite wiring required
- 230v Switching
- No commissioning required
- Sensitivity controls under removable bezel
- Side mounted PIR or PIR/LUX selector switch
- Integral securing wings for easy installation
- Lightweight Flame Retardant ABS Casing
- 100% factory tested

Each PIR has 3 adjustment screws to allow the user to configure the PIR to suit the condition of the room it is installed in. Operating the following settings:



### Time Delay

The time that the PIR will hold the luminaires on before switching them off can be set between 15 seconds and 30 minutes.

### LUX Level

The point at which the PIR will either hold the luminaires off or begin to dim them (dependent on control module type) can be set by adjusting this control. The LUX level may be set between 200 and 2000 LUX.

### PIR Sensitivity

The range that the passive infra red sensor detects out to can be adjusted up to a maximum of 7 metres diameter (when installed at 2.4m height).



**The adjustment screws are hidden to prevent being tampered with.**

Each PIR has a side selector switch which allows the user to configure the PIR for 1 of the following operational modes:

- PIR/LUX used for combined presence and daylight hold off.
- LUX used if daylight hold off on its own is required.
- PIR used if presence detection on its own is required.
- The side selector switch must be set before the PIR is installed.

## Technical Data

Conformity: Directive EMC 89/336/EEC  
 Directive LVD 2006/95/EC  
 Unit independently tested to comply with the requirements of:  
 BS EN 60669-2-1:2004  
 BS EN 60669-2-3:1999  
 BS EN 55015:2006  
 BS EN 61000 series of standards for EMC compatibility

Supply voltage: 230 Volts AC +10%/-6% 50Hz  
 Current Rating: 16Amp  
 Relay Rating: 16A resistive & incandescent lighting  
 6A fluorescent  
 3A Compact fluorescent  
 3A Low Energy  
 3A Ventilation Fans

IP Rating: IP2X

Connection via Wieland GST 18i 4 pole female, male locking / latching type, complying with the requirements of BS EN 61535 : 2009. All connectors are designed to comply with IEC 61535 (ed.1): 2009-02.

Operating temperatures  
 -5°C to 35°C

Plastic PIR casings are manufactured from flame retardant ABS

**All PIRs are 100% factory tested. To ensure traceability all PIRs are labelled with the date of testing and a unique serial number both of which are also recorded electronically.**