

LED-PIR

Ceiling PIR Sensor

Item ref: 520.001UK

User Manual



Introduction

Thank you for choosing the Primalux PIR Ceiling Sensor for your installation. The sensor has been designed to help and assist you in saving energy from your lighting. The occupancy sensor uses infrared motion to detect any movement and send signals to the lights. Many luminaires can be used in conjunction with the sensor such as; LED Panels, Downlights and Bulkheads etc.

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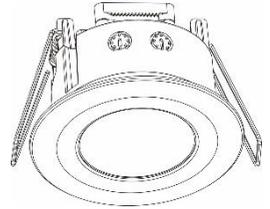
Function

The sensor will automatically identify day and night.
The ambient light can be adjusted to your desired setting.
When the switch is turned to 'SUN' (max) the sensor will work in both at daytime and at night.

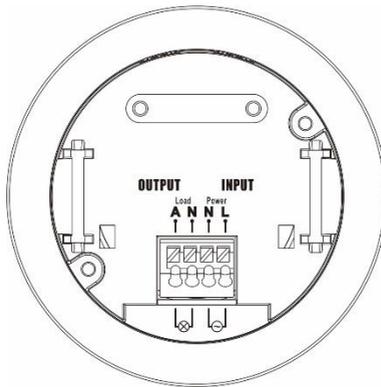
When the switch is turned to 'MOON' (min) the sensor will only work under less than 10 Lux.

As for Adjustment please refer to the testing section.

Time-delay adjustment can be altered to your required setting.



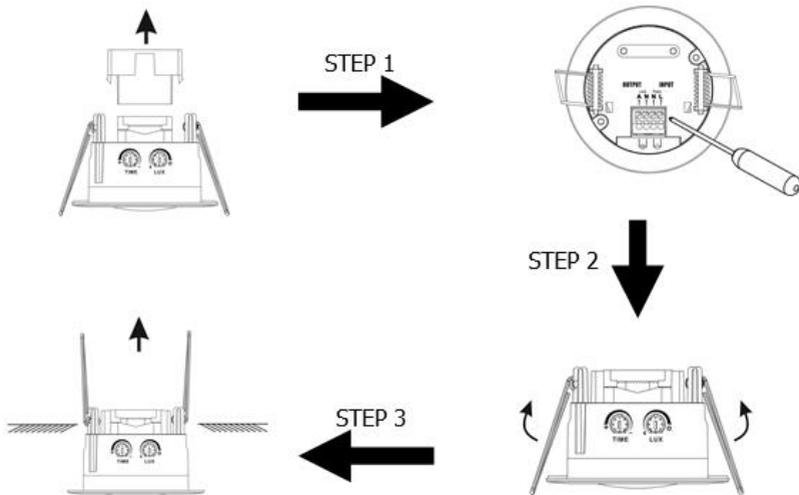
Connection Test Figure



Installation

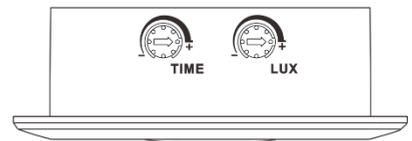
1. Turn off the power
2. Remove the transparent vinyl cover located at the bottom of the sensor.
3. Loosen the screws in the connection terminal.
4. Connect the power and rated load to connection terminal of sensor using the connection sketch map.

5. Tighten the screws and place the vinyl cover back into the correct location.
6. To install the sensor in the ceiling, fold the metal springs upwards until they are in a "U" position, then push the sensor into the ceiling hole or installation box and release the springs to set the sensor in the installed position.
7. Once installed, connect the sensor to the power and test.



Test

- Turn the 'Time' switch anti-clockwise for minimum.
- Turn the 'Lux' switch clockwise for maximum.
- Once the power is turned on the sensor will take 30 seconds to warm up and will then enter working mode.



Note

- When testing the sensor in daylight, please turn the 'Lux' switch to ☀ (SUN) position, otherwise the sensor lamp could not work.
- Avoid installing near air temperature systems such as; air conditioning and central heating.
- Ensure there are no objects blocking the detection window effecting the detection of movement.

Specification

Power Source	220-240Vac (50/60Hz)
Ambient Light	<10-200 Lux (Adjustable)
Time Delay Minimum	10 Seconds ± 3 Seconds
Time Delay Maximum	7 Minutes ± 2 Minutes
Rated Load (Incandescent Lamp)	1200W
Rated Load (Energy-Saving Lamp)	300W
Detection Distance	6m MAX (<24°C)
Detection Range	360°
IP Rating	IP54
Working Temperature	-20~+40°C
Working Humidity	<93%RH
Installing Height	2.2m~4m
Power Consumption	< 0.9W



Disposal: The "Crossed Wheelie Bin" symbol on the product means that the product is classed as Electrical or Electronic equipment and should not be disposed with other household or commercial waste at the end of its useful life. The goods must be disposed of according to your local council guidelines.

*Errors and omissions excepted.
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