

FLAT 360° SENSOR INSTRUCTION MANUAL

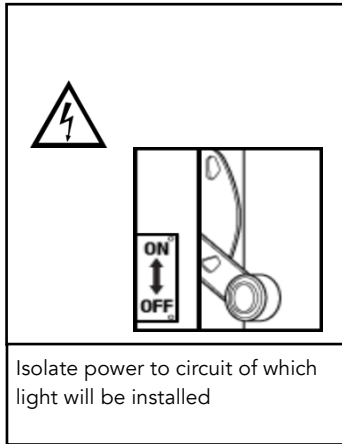


INSTALLATION

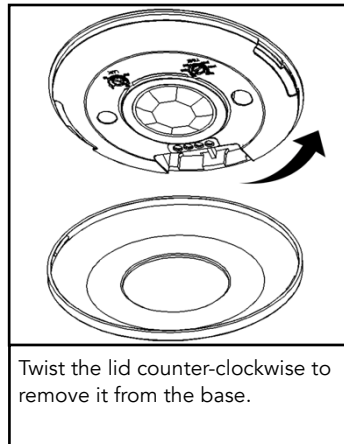


CAUTION: RISK OF ELECTRIC SHOCK!

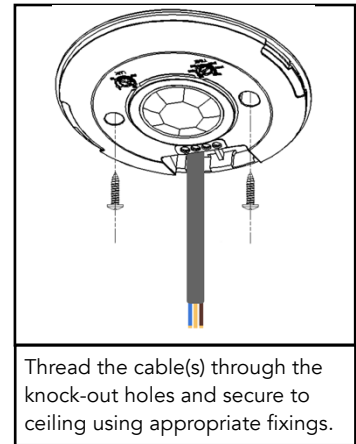
WORK MUST BE CARRIED OUT BY AN ELECTRICIAN OR COMPETENT PERSON. IF IN DOUBT, SEEK PROFESSIONAL ADVICE.



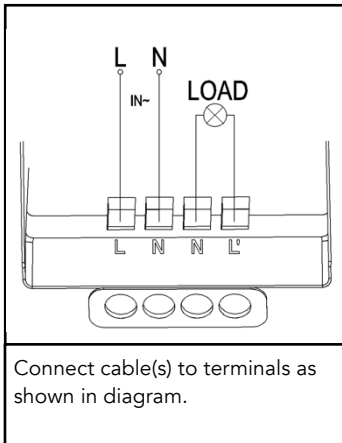
Isolate power to circuit of which light will be installed



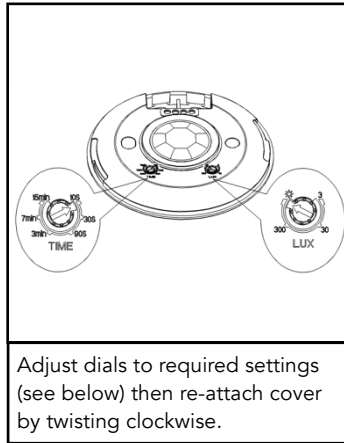
Twist the lid counter-clockwise to remove it from the base.



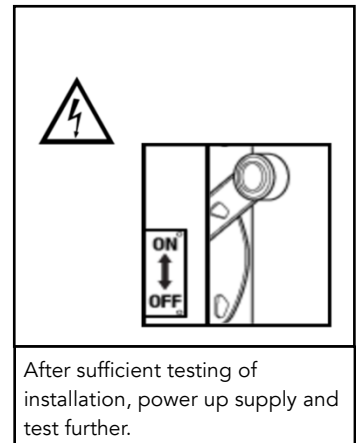
Thread the cable(s) through the knock-out holes and secure to ceiling using appropriate fixings.



Connect cable(s) to terminals as shown in diagram.



Adjust dials to required settings (see below) then re-attach cover by twisting clockwise.



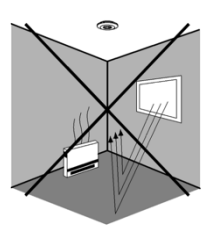
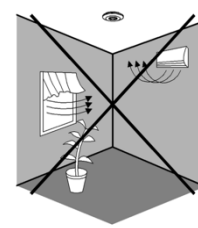
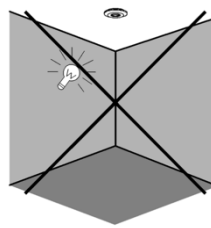
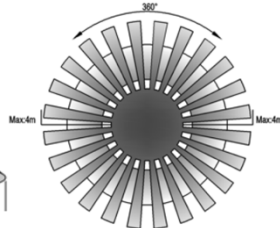
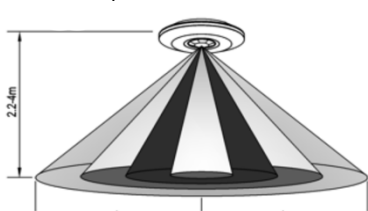
After sufficient testing of installation, power up supply and test further.

LOCATING/POSITIONING OF SENSOR

Suggested height of installation: 2.2-4m. Detection Distance is maximum of 8m

As the detector responds to changes in temperature, avoid the following situations:

- Avoid pointing the detector towards objects with highly reflective surfaces, such as mirrors etc.
- Avoid mounting the detector near heat sources, such as heating vents, air conditioning units, light etc.
- Avoid pointing the detector towards objects that may move in the wind, such as curtains, tall plants etc.

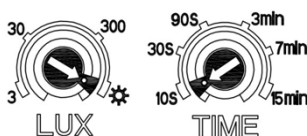


PIR CONTROLS

Underneath the cover you will see two dials for the PIR settings:

TIME: This sensor can switch the lighting from a minimum of 10 Seconds to a maximum of 15 minutes. Once the lamp has been triggered by the PIR sensor any subsequent detection will start the timed period again from the beginning.

LUX: This sensor will activate between daylight and 3 Lux, in order to achieve the required 'on' time it is recommended that the sensor is set to 30 Lux and wait 24 hours, after this period you can adjust the Lux control to up or down accordingly.



MANUAL OVERRIDE

The sensor function can be bypassed to keep the light/device on:

1. Sensor mode → Stay on

Switch the wall switch OFF and back ON twice within 3 seconds. The sensor will now be bypassed and keep light ON continuously.

2. Stay on → Sensor mode

Switch the wall switch OFF, then switch ON after 0.3seconds. OR

If the light is left ON, the sensor itself will also automatically return to sensor mode after 8hours

FUNCTIONAL TESTING

- > Turn the TIME dial anti-clockwise on the minimum (10s). Turn the LUX dial clockwise on the maximum (sun).
 - > Switch on the power; the sensor and its connected lamp will have no signal at the beginning. After 30sec, the sensor will start. If the sensor is activated the lamp will turn on. If there is no extra activation of the sensor, the load will stop working within 10sec±3sec and the lamp will turn off.
 - > Turn LUX dial anti-clockwise on the minimum (3). If the ambient light is more than 3LUX, the sensor will not work and not operate the lamp. If the ambient light is less than 3LUX (darkness), the sensor will work. Under no induction signal condition, the sensor should stop working within 10sec±3sec.
- Note: when testing in daylight, turn LUX dial to the (SUN) position, otherwise the sensor lamp will not work!

TROUBLESHOOTING

<p><u>The lamp/load does not work:</u></p> <ul style="list-style-type: none"> a. Check if the connection of power source and load is correct. b. Check if the load is good. c. Check if the settings of working light correspond to ambient light. 	<p><u>The sensitivity is poor:</u></p> <ul style="list-style-type: none"> a. Check if there is any obstacle in front of the sensor to affect it. b. Is the ambient temperature too high, is it near a heat source or window? c. Does the installation height match the suggested height of installation? 	<p><u>The sensor cannot shut off the load automatically:</u></p> <ul style="list-style-type: none"> a. Is the sensor constantly being activated by an external object, eg curtains? b. Is the time delay is set to the maximum position, adjust accordingly.
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DISPOSAL

Correct Disposal of This Product (Waste Electrical & Electronic Equipment) (Applicable in the European Union and other European countries with separate collection systems). This marking shown on the product or its literature, indicates that it should not be disposed with other household wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources. Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling. This product should not be mixed with other commercial wastes for disposal. Always throw empty batteries into the battery recycling bin.

MAINTENANCE

The devices are maintenance-free, so never open them. The guarantee becomes void when you open the appliance. Only clean the outside of the devices with a soft, dry cloth or a brush. Prior to cleaning, remove the devices from all voltage sources. Do not use any carboxylic cleaning agents or petrol, alcohol or similar. These damage the surfaces of the devices. Besides, the vapours are hazardous to your health and explosive. Do not use any sharp-edged tools, screw drivers, metal brushes or similar for cleaning. Do not clean this product with a pressure washer.

GENERAL SAFETY

- Keep all parts out of the reach of children.
- Avoid dropping or shocks; this may damage the electronic circuits.
- Repairs or opening of this item may only be done by an authorized repairer.
- For your safety, always switch off the power supply before changing lamps, adjusting spotlight, heads or cleaning



HIGH VOLTAGE

- All electrical connections and connection cables must comply with the appropriate rules and match the operating instructions.
- The fitting must be correctly installed if it is to operate reliably. These instructions and the user guide must therefore be studied carefully.
- The electrical supply must be switched off at the consumer unit, preferably by means of a switch in the distribution box, before any installation, maintenance or repair work is undertaken.
- Exterior components must not be installed during rain.
- Take account of the minimal separation distance from other objects and the room required around the fitting.
- If in any doubt consult a professional, taking local installation requirements into account.

Voltage	AC220-240V
Rated Load	2000W Halogen 1000W LED
Frequency	50Hz
Ambient Light	<3-2000LUX (adjustable)
Detection Range	8meters maximum
Power	0.5W (approx.)
Electrical Class	Class II
Installation	Surface
IP Rating	IP20
Diameter	115mm
Thickness	24.3mm
Materials	Polycarbonate

WARRANTY

This product comes with a 2-year warranty (not including lamps). If you have any concerns or questions do not hesitate to contact us.