

# EXTERNAL PHOTOCELL SENSOR INSTRUCTION MANUAL

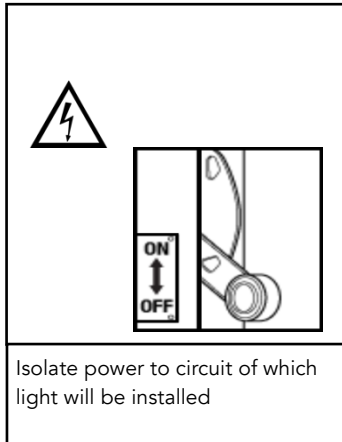


## INSTALLATION

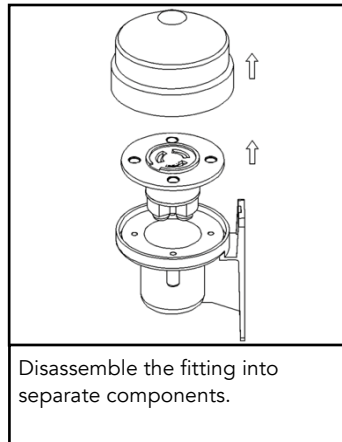


### CAUTION: RISK OF ELECTRIC SHOCK!

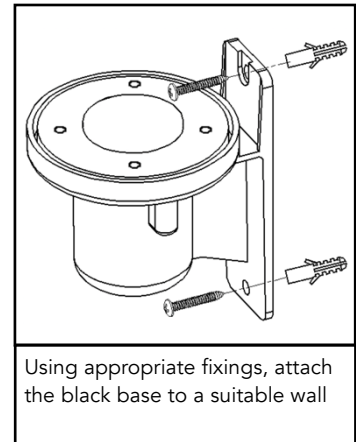
WORK MUST BE CARRIED OUT BY AN ELECTRICIAN OR COMPETENT PERSON. IF IN DOUBT, SEEK PROFESSIONAL ADVICE.



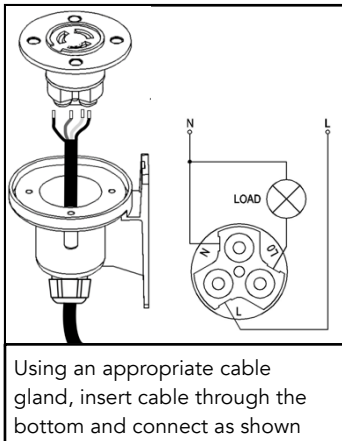
Isolate power to circuit of which light will be installed



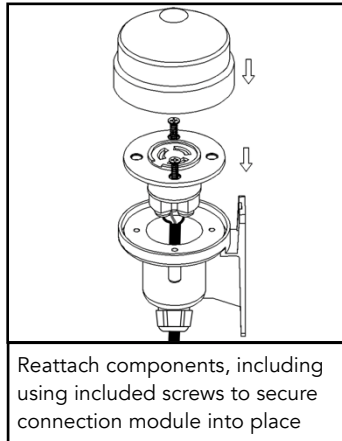
Disassemble the fitting into separate components.



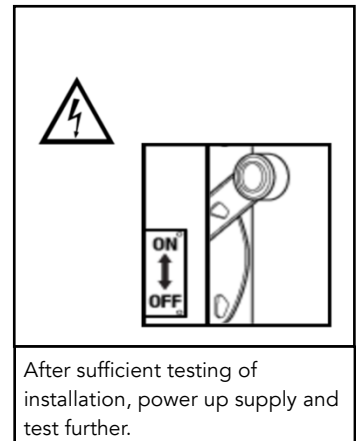
Using appropriate fixings, attach the black base to a suitable wall



Using an appropriate cable gland, insert cable through the bottom and connect as shown



Reattach components, including using included screws to secure connection module into place

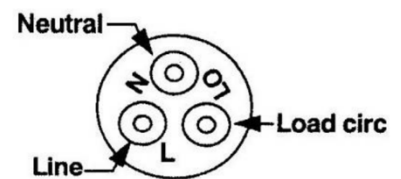


After sufficient testing of installation, power up supply and test further.

## LOCATING/POSITIONING OF SENSOR

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

- Avoid a position where direct light from any light fitting can fall on the control.
- Choose a position out of direct sunlight if possible – this is not essential but is desirable.
- Mount out of reach of non- authorized persons.
- Choose a position where debris will not fall onto the sensor.
- While the sensor is weatherproof, do not mount where water will continuously fall onto it.
- There should be no obstruction to natural light.
- There should be no swaying object(s), obstructing light intermittently.



## TESTING THE SENSOR

Once the sensor has been installed as per the instructions above, follow the below instructions to test functionality.

1. Switch on the power.
2. When testing in the daytime, cover the sensor entirely with an opaque cloth.
3. Wait up to 30 seconds for the intended light fitting to turn on
4. Once the light is on, remove the opaque cloth and wait for the light fitting to switch off automatically



## IMPORTANT!

The sensor is still live when lamp is off, therefore always isolate the supply to the control before working on unit or indeed before carrying out work of any description on the installation. In the event of breakage of the sensor, you must isolate immediately from supply before unplugging, taking care to avoid any sharp edges that may remain

### TIME DELAY

**Note:** To avoid nuisance switching from temporary lights such as car headlights, this sensor has a switching time delay of 30secs.





TROUBLESHOOTING

<p><u>The lamp/load does not turn on:</u></p> <p>a. Check if the connection of power source and load is correct.</p> <p>b. Check if the load is good.</p> <p>c. Check if the settings of working light correspond to ambient light.</p>	<p><u>The sensitivity is poor:</u></p> <p>a. Check if there is any obstacle in front of the sensor to affect it.</p> <p>b. Is the ambient temperature too high, is it near another light source</p> <p>c. Does the installation location match the criteria on Page 1?</p>	<p><u>The sensor cannot shut off the load automatically:</u></p> <p>a. Is the sensor constantly being activated by an external obstacle?</p>
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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(10A) Incandescent 600W (2.2A) LED
Frequency	50Hz
Switch On/Off Sensitivity	Turn On: 10-30Lux Turn Off: 6-90Lux
Detection	360°
Electrical Class	Class II
Installation	Surface
IP Rating	IP44
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.

