

PRO-ELEC



**Light Control Sensor Photocell
Model: PELL0051**

Please read these instructions carefully before use and retain for future reference. This sensor must be installed by a qualified electrician in accordance with current building and IET wiring regulations (BS7671).

IMPORTANT SAFETY INFORMATION

- This sensor is suitable for unearthed lighting fittings (Class II).
- Check that the voltage indicated on the rating plate corresponds with that of the local network before connecting the appliance to the mains power supply.
- The sensor is suitable for connection to a 220-240V, 50Hz supply. It is designed for permanent connection to fixed wiring, which must be a suitable circuit protected by an RCD with an operating current not exceeding 30mA and an MCB or fuse of the correct rating.
- This sensor is not affected by heat sources, movement or humidity.
- It is suitable for use in an ambient temperature between -20°C and +40°C.

WHAT'S INCLUDED

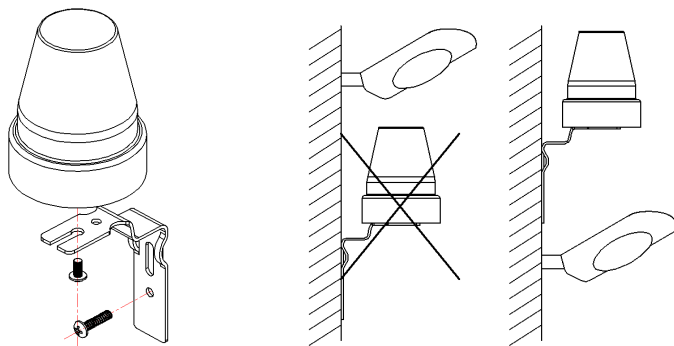
- Photocell sensor.
- User manual.
- Wall plugs and mounting screws.

POSITIONING

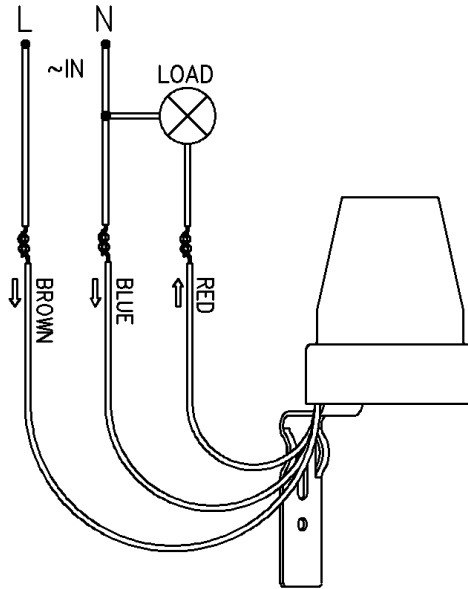
- The sensor is suitable for mounting onto any vertical surface.
- Do not install below any artificial light source.
- Before drilling any fixing holes, check that there are no hidden obstructions behind the mounting surface such as pipes or cables.

INSTALLATION

- Ensure the mains supply is disconnected or isolated.
- Offer the metal mounting bracket to the vertical surface with regard to the UP markings and mark the position of the two fixing holes.
- Drill the holes and fit the wall plugs then attach the bracket using the screws.
- Loosen the central cross head screw under the sensor and slide the sensor onto the bracket so the slotted end of the bracket slides under the screw head.
- Position the sensor so one of the three moulded pins engages into the hole in the bracket and tighten the centre screw to lock the sensor on to the mounting.



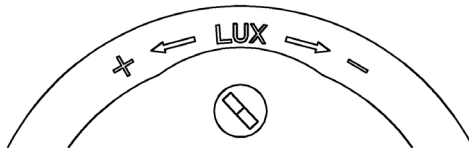
- Connect the wiring using a suitable IP rated connector to the supply and load as shown:



- Restore the power supply.

OPERATION

- There is one adjustment which is used to set the level of ambient light (LUX) before the sensor switches the load.
- To test the function in a well lit environment, set the LUX control to minimum then cover the sensor with a blackout cloth.
- The load light should light and extinguish when the blackout is removed.
- When the ambient light is at the level you wish the sensor to activate, start with the control at - (minimum) and increase the setting slowly until the load light illuminates.
- A degree of trial and error in setting the LUX level may be required to get the desired function.



CLEANING & MAINTENANCE

- Clean the sensor only with a soft dry cloth. Do not use any chemicals, abrasives or solvents that could damage the casing.

SPECIFICATION

Input Voltage	220 - 240V AC 50Hz
Ambient light	<5 - 50 Lux (adjustable)
Rated current	10A
Sensor type	Photocell
Ingress rating	IP44



INFORMATION ON WASTE DISPOSAL FOR CONSUMERS OF ELECTRICAL & ELECTRONIC EQUIPMENT.

When this product has reached the end of its life it must be treated as Waste Electrical & Electronic Equipment (WEEE). Any WEEE marked products must not be mixed with general household waste, but kept separate for the treatment, recovery and recycling of the materials used. Contact your local authority for details of recycling schemes in your area.



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