Light Control Sensor Photocell
Model: PELL0052

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).
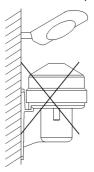
IMPORTANT SAFETY INFORMATION

- 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.
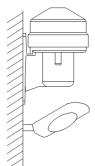- It is suitable for use in an ambient temperature between -20°C and +40°C.

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.
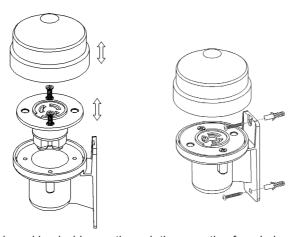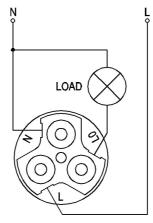

INSTALLATION

- Ensure the mains supply is disconnected or isolated.
- The top (sensor) part plugs into the lower mounting body.
- Unplug the top part by pulling it vertically away from the mounting body.
- Remove the two screws from the inner socket and push the connector assembly upwards and remove from the mounting body.

Note: Do not lose the foam gasket.

- Offer the mounting body to the vertical surface with regard to the power supply wiring and mark the position of the two fixing holes.
- Drill the holes and fit the wall plugs then attach the mounting body using the screws.

- Feed the supply and load wiring up through the mounting from below and connect to the terminals on the bottom of the connector assembly as shown:

- When the wiring is installed, lower the connector assembly into the mounting body so it locates on the two pins with the marking N → pointing in a northerly direction.
- Replace and tighten the two screws.
- Plug the sensor assembly back into the lower mounting.

Note: the three pins are different sizes and will only fit in the correct orientation.

- Restore the power supply.

OPERATION

- To test the function in a well lit environment, cover the sensor with a blackout cloth.
- The load light should light and extinguish when the blackout is removed.

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	110 - 240V AC 50 / 60Hz
Ambient light	<5 - 15 Lux
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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