

INSTRUCTIONS

240v External Photocell Box (LRPC240-BX)



WARNINGS



PLEASE READ THESE INSTRUCTIONS CAREFULLY PRIOR TO INSTALLATION OR USE

- This photocell must be installed by a competent electrician in accordance with the Building Regulations / IEE Wiring Regulations.
- Switch off the mains prior to commencing installation.
- Ensure other persons cannot restore the electrical supply without your knowledge.
- This product should be connected to a circuit with a 30mA RCD fitted.
- The Photocell itself is double insulated, therefore do not connect this to an earth cable.
- Photocell is factory pre-set and cannot be adjusted.
- DO NOT overload the photocell.
- DO NOT submerge in water.
- Mounting this sensor facing the ground, under shelter or where influenced by other lighting, especially the light of which it is controlling, may affect the functionality of the sensor.
- Mount out of reach of children.

Voltage: 220 - 240v 50 – 60Hz

Maximum Load: 300w (LED) / 150w (CFL) / 600w (Incandescent)

Power Rating: 1500 VA or 5A inductive load at 60uF

IP Rating: IP44 (Suitable for outdoor use)

Sensor: Photocell (Dusk to Dawn)

Switch On / Switch Off: 10-30 lux / 60-90 lux



RoHS
Compliant



**2 YEAR
GUARANTEE**

see website for
more details



INCLUDED:

- 1 x 6-way Waterproof Junction Box
- 1 x 240v Photocell
- 2 x IP68 Cable Glands & Locking Nuts
- 1 X 4-way Terminal Block (earth may be separate)

CLEANING:

With this product, every so often we recommend disconnecting the power and cleaning the photocell lens with a soft damp cloth.

RETURNS:

If purchased from a 3rd party, please contact your supplier. If purchased direct, contact us by phone or email:
Lumena Lights Ltd, Centre 33 Long March, Daventry, NN11 4NR Tel: +44 1327 871161 Email: sales@lumenalights.com

Our full returns policy is available on our website.

Producer Registration Number: WEE/KC3440XY

Waste Electrical Products should not be disposed of with household waste. Please check with your local authority or contact us for more information. Please recycle packaging whenever possible.

**INSTRUCTIONS ACCURATE AT TIME OF PRINTING.
CHECK FOR UPDATES ON OUR WEBSITE.**

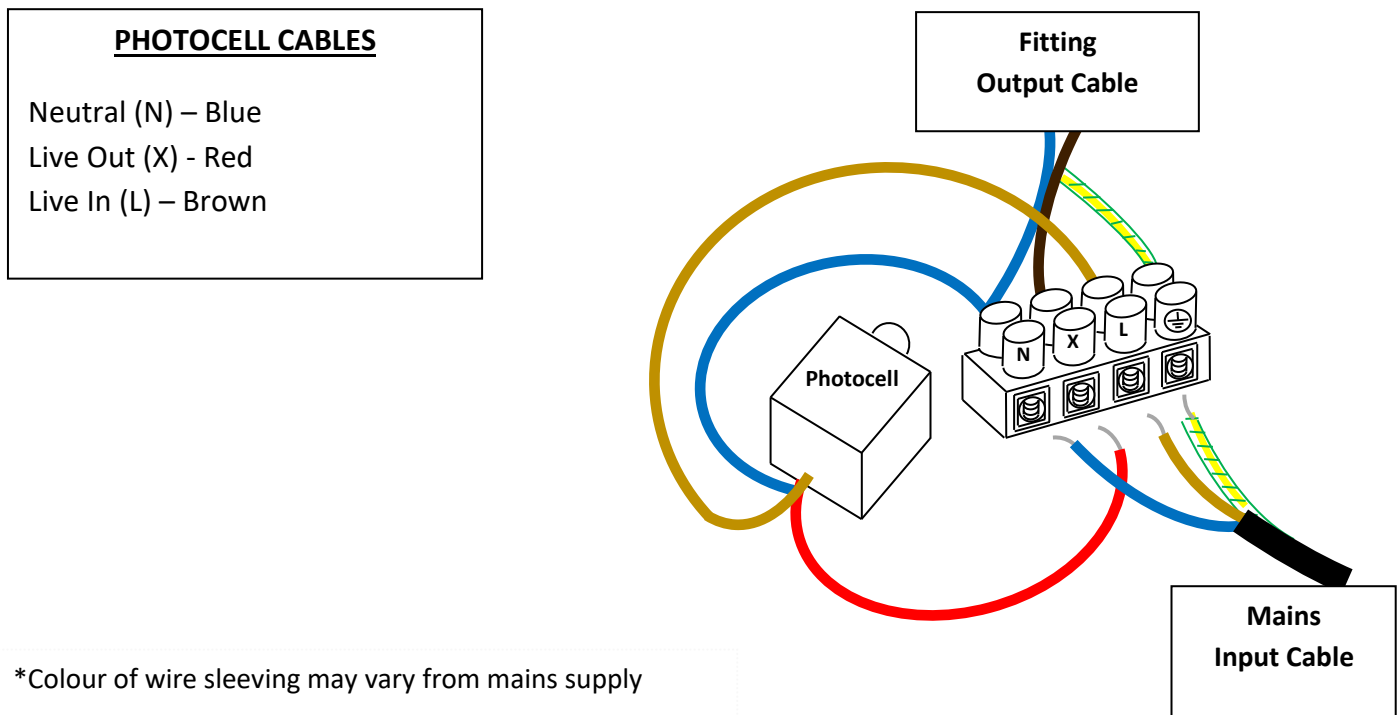
Full product range & more information: www.lumenalights



INSTALLATION:

- Select a suitable mounting position where the sensor will be exposed to sunlight and not effected by other artificial lighting.
- Remove the lid (pull off). A small flat head screwdriver can be used to lever the lid off via the small screw driver cut out on each edge.
- Remove all components from the junction box and decide which self-sealing inlets you will use for your input and output cables. Pierce carefully with a screwdriver. Alternatively, the rubber inlets can be popped out and cable glands used.
- Mount the junction box in position via the two mounting holes in the centre of the junction box, using screws / rawl plugs relevant to the material you wish to mount to e.g. brick or wood.
- **SELF SEALING INLETS:** Push the input / output cables through the pierced inlets.
CABLE GLANDS: Remove locking nut. Push cable gland through the entry hole and secure in place with the locking nut on the inside of the box. Push through the cable so that a sufficient amount is pulled through for wiring (the domed clamp may need to be loosened beforehand depending on the diameter of the cable).
NOTE: only 2 cable glands are included. For additional connections, the self-sealing inlets will suffice, or more glands can be purchased to increase IP Rating (recommended).
- Wire the photocell to the input cable and output cable(s) via the terminal block as per the diagram below. When making connections, ensure the terminals are tightened securely onto the stripped conductors and not the insulation cover, and that no loose strands of wire protrude. If cable glands are used, tighten the domed clamp to hold the cable in place securely.

WIRING DIAGRAM:



*Colour of wire sleeving may vary from mains supply

**Terminal block may look different to the diagram

***Location of photocell in box may vary