

# IP 44 Rated Outdoor Wall Lanterns

## INSTRUCTION MANUAL

### Assembly/ User Instructions

Please read these instructions carefully before fitting your new light and retain for reference.

This pack contains:

- 1x Light Fitting IP44 Rated
- Required number of Screws
- Required number of wall plugs
- 1x 3-way Terminal Block (may be fixed)
- Appropriate bulbs if supplied

Tools required:


- Drill & assorted drill bits; masonry &/ or wood
- Safety glasses
- Small electrical screw driver
- Medium cross head screwdriver
- Medium flat head screwdriver
- Small Pliers with wire stripper
- Electrical Insulation Tape.

### Safety Warnings

#### Outdoor Use:

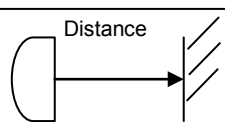
It is recommended that this light be installed by a qualified electrician in accordance with current IEE Wiring Regulations and Building Regulations (Part P).

- Ensure that the mains electrical supply is isolated before commencing any installation.
- Run supply wire from a 5-amp electrical supply protected by an RCD using double insulated 2 or 3-core cable of type H05RN-F 1.0mm<sup>2</sup> (not supplied) to selected site, ensuring it is adequately protected through the full length of the cable run, it must come out of the flat surface of the wall or steps in line with the entry to the fitting.
- Except where installed in a conduit or duct which provides equivalent protection against mechanical damage, a cable buried in the ground shall incorporate an earthed armour or metal sheath or both, suitable for use as a protective conductor, or be of insulated concentric construction. Buried cables shall be marked by cable covers or a suitable marking tape. Buried conduits and ducts shall be suitably identified. Buried cables, conduits and ducts shall be at a sufficient depth to avoid being damaged by any reasonably foreseeable disturbance of the ground.
- An electrician must be consulted if in any doubt about your own competency.

If the Class II, Double Insulated symbol  is on the Light Fitting then the Fitting does not require an Earth and Live or Neutral must not be connected to Earth. If there is no such symbol the fitting must be Earthed. If any modification is made it will invalidate the warranty and may render the product unsafe.

If there is a "Minimum Distance" Label, please do not allow Flammable Materials to rest within that distance from the lamps.

Minimum Distance: This is the symbol which denotes this requirement.



Luminaires not suitable for direct mounting On normally flammable surfaces( surface Mounted)



If the Light Fitting must not be mounted on combustible surfaces there will be the above symbol on it.

If there is no symbol then the Light Fitting may be mounted on any surface, including combustible ones.

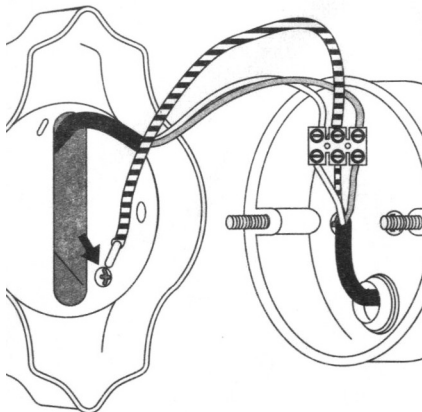
If the glass or diffuser is broken or cracked it must be replaced, please consult your retailer.

This is the symbol which denotes this requirement.

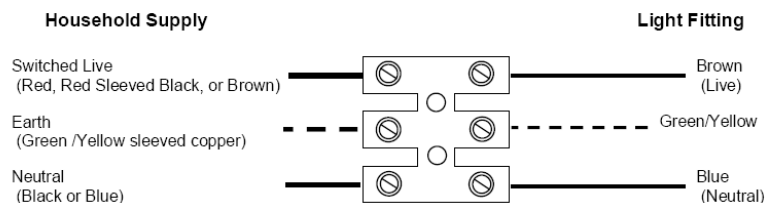


## Assembly/ User Instructions

1. If appropriate remove existing light fitting. Ensure there is a solid mounting, preferably a brick or block wall. If the wall is timber frame and plasterboard construction then please use appropriate fixings for plasterboard or screw directly into the timber frame. Ensure the fixing can support the weight of the wall light.
2. Refer to generic diagram which is a representative example; the Backbox must be screwed to the wall. Other fittings may have no Backbox but use a Fixing Bracket and have alternative sealing arrangements, see the **additional sheet** for your particular fitting.
3. Unscrew the Dome Headed Nuts from the Body of the Lantern, use the Backbox as a template to mark and drill the wall. Alternate designs may have side screws; unscrew partially if their fixings are "L" shaped slots or completely, if the fixings are holes; retain screws and washers. Remove the bracket and use this as a template to mark the screw holes for your chosen location.
4. See generic diagrams below and the **additional sheet** before screwing the bracket (or Backbox) to the wall, first make a small hole in the grommet in the Backbox and pass the house wiring through it ensuring a good seal. NB. A grommet may not be required by the design. **Note any arrows indicating orientation of Backbox. There may be a drain hole in the Backbox which must be at the bottom when installed.**
5. Support your fitting (unless already fixed) and connect the house wiring according to the Terminal Block diagram. Ensure no strands of wire escape the terminal Block. When you are sure of the connections wrap the Terminal Block and overlap the wiring both sides with 2 layers of insulation tape. Fixed Terminal Blocks with an Insulation plate underneath them do not require further insulation. Re-fit the Lantern Body to the Backbox ensuring no wires are damaged, trapped or left exposed. Check the seal then tighten the Dome Headed Nuts (or refit the side screws if the Lantern is fixed by a bracket).
6. Install the Bulb, do not install bulbs with a greater wattage or different shape than specified on the label. Please do not touch the glass envelope of G9 bulbs (if used) with bare fingers. Attach any Lantern covers or Glass Shades, these are sometimes attached by screws, or push onto a rubber sealing ring, or are clamped against a seal. Refer to **additional sheet** for exact instructions. Check seal after fitting front diffuser/ shade and tightening screws.



Generic Diagram



Terminal Block in Generic Diagram

## Care Information

All Light Fittings for UK Market are designed for 240V ac, 50 Hz (220-240V ac)

Please retain these instructions for future reference.

Switch off and allow 10 minutes to cool before cleaning or replacing bulbs. Clean only using a damp cloth, do not use abrasive cleaners or polish.



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