

# ENDON<sup>®</sup>

IP 44 Rated Outdoor Wall Lanterns (60840 & 60965)

## INSTRUCTION MANUAL

### 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.

This fitting is Class II, Double Insulated  The Fitting does not require an Earth, and Live or Neutral must not be connected to Earth.

If any modification is made it will invalidate the warranty and may render the product unsafe.

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



### Assembly Instructions

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

**Please note:** The diagrams in this instruction show 4-sided lantern, but steps also apply to 6-sided lantern.

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.

#### **This pack contains:**

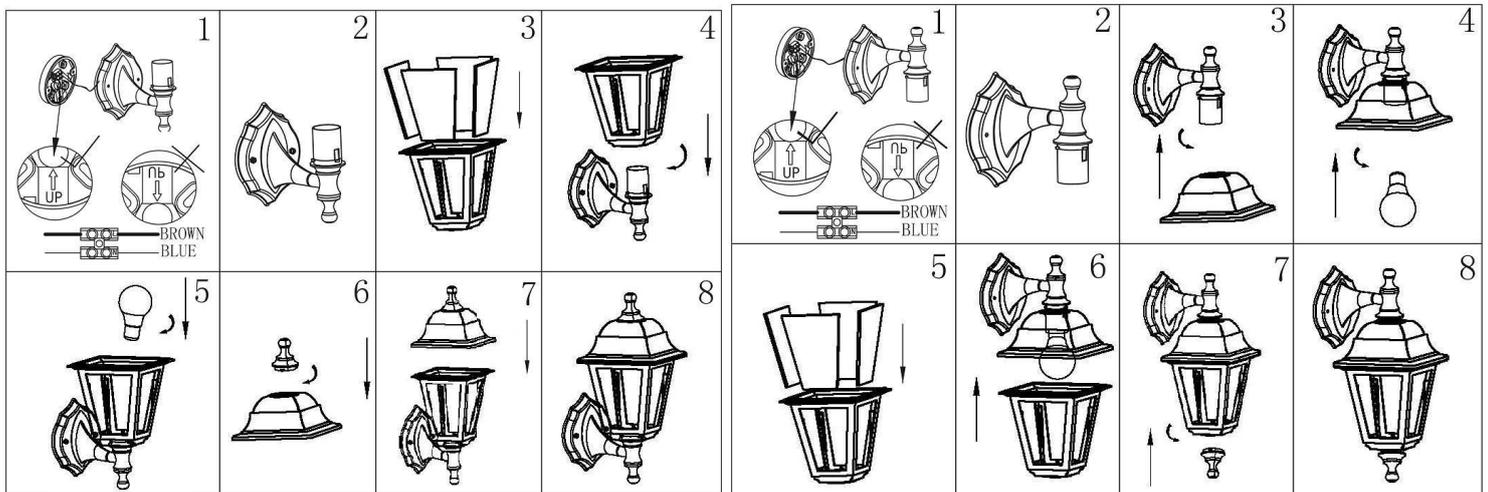
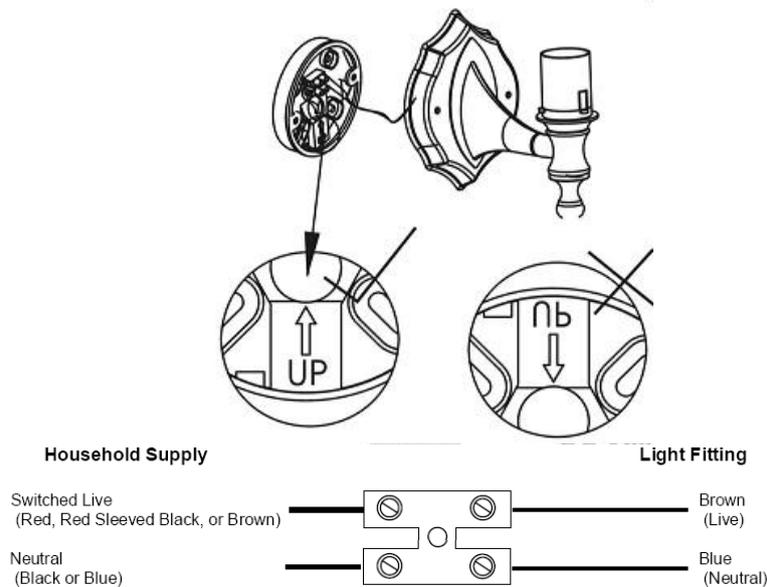
1x Light Fitting IP44 Rated  
Fixing Pack

#### **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.

2. Unscrew the Dome Headed Nuts from the Body of the Lantern, use the Backbox as a template to mark and drill the wall.
3. Before screwing the 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. **Note any arrows indicating orientation of Backbox. There may be a drain hole in the Backbox which must be at the bottom when installed.**
4. Support your fitting 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.

5. Re-fit the Lantern Body to the Backbox ensuring no wires are damaged, trapped or left exposed, and according to the desired position of the lantern. Check the seal then tighten the Dome Headed Nuts (or refit the side screws if the Lantern is fixed by a bracket).
6. Please see the diagrams below to assemble to shade. The same components are used irrespective of which orientation has been chosen but the order of assembly changes to suit. The frame, decorative finial and the lantern cap have bayonet fittings; they are pushed on and then rotated to lock. By choosing which components are fitted together determines whether the lantern is above or below the hanging bracket. The glass fits into slots in the frame and the frame and lantern cap are clipped together.
7. Install the Bulb, do not install bulbs with a greater wattage or different shape than specified on the label. 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. Check seal after fitting front diffuser/ shade and tightening screws.



## 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.