

# ENDON<sup>®</sup>

EL- 40022 and EL- 40023 Outdoor wall fittings.

## INSTRUCTION MANUAL

### Safety Warnings

This product is only suitable for connection to a 240V~50Hz supply.

It is recommended that this light is installed by a qualified electrician in accordance with current IEE Wiring Regulations and local Building Regulations.

The light fitting should be connected to a lighting circuit protected by a 5 amp fuse (or a 6 amp miniature circuit breaker).

This light has an IP44 (splash proof) rating suitable for use outdoors.

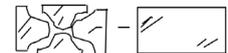
Run supply wire from a 5-amp electrical supply using double insulated 3-core cable of type H05RN-F 1.0mm<sup>2</sup> (not supplied) to selected site, ensuring it is adequately protected through the full length of the cable run, it must come out of the flat surface of the mounting surface in line with 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.

This product contains breakable parts – be careful during handling and maintenance to avoid breakage.

The diffuser (cover) can become hot in use. Switch off and allow 10 minutes to cool before cleaning (using a dry cloth only – do not use liquid or abrasive cleaners).

If the cover is broken or cracked then it must be replaced immediately to preserve the water ingress protection, please consult your retailer. This is represented by the symbol



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

### Before you start

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

Switch off the mains supply and remove the appropriate fuse or switch off the appropriate circuit breaker before commencing installation.

Ensure that no one else has access that would enable the supply to be inadvertently reconnected.

Check the packaging and make sure that you have all the required parts.

Follow each assembly step in order to prevent incorrect assembly

Make sure all screws / nuts, including electrical connections etc are fully tightened before use.

#### The Light pack contains:

Wall light with integral dusk to dawn photocell.

#### The following tools may be required:

Selection of cross and flat head screwdrivers.

Electric drill and assorted drill bits.

Wire strippers.

Electrical insulation tape.

These assembly diagrams are intended as a guide – if in doubt consult a qualified electrician.

Diagram A

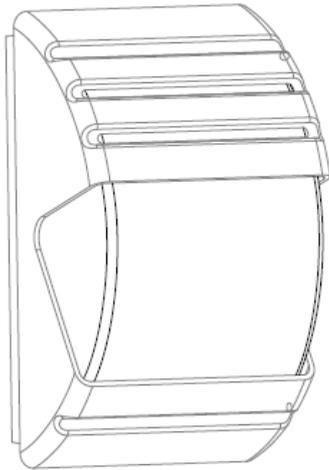


Diagram B

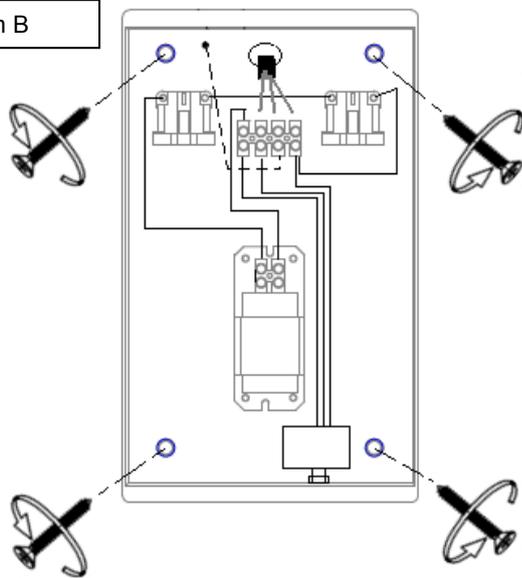
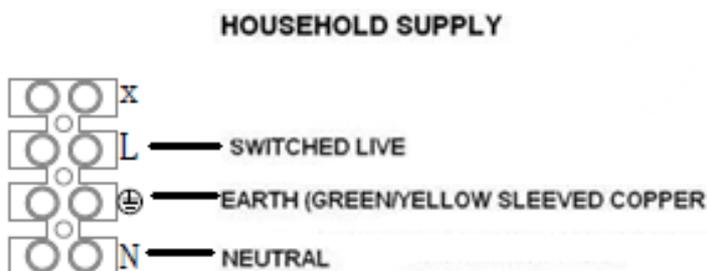


Diagram C



1. **Diagram A.** To take off the front cover undo and remove the 2 screws on the underside of the fitting then lift the cover off.
2. **Diagram B.** Determine the position of your light fitting taking into account the exit position of the cable. Ensure that the mounting surface is solid, preferably a brick or block wall and ensure that there are no other cables or pipes beneath the surface. Use the back plate as a template and mark the 4 fixings holes. Ensure there is sufficient cable coming out of the wall to connect to the terminal block. Use appropriate fixings to secure the back plate to the wall, making sure the back plate is correctly aligned. Fix the back plate to the wall.
3. **Diagram C.** Connect the house wiring to the internal terminal block. The cable entry grommet must be securely in place to ensure that the water ingress protection is maintained. **NOTE: This is a Class I fitting and must be earthed.** Connect the incoming mains as per the diagram – do not put any incoming cables into position X.
4. **Diagram D.** Fit the appropriate bulbs into the lamp holder **NOTE: Never fit bulbs of a higher wattage than those specified on the label (as these may cause overheating and damage the fitting).**
5. **Diagram E.** Re-fit the diffuser and secure with the 2 screws, removed in 2 above. Make sure that all the internal cables and connections are inside the back plate and away from the bulb. Take care not to trap or strain the internal cables.
6. **Turn on the power and test.**

Diagram D

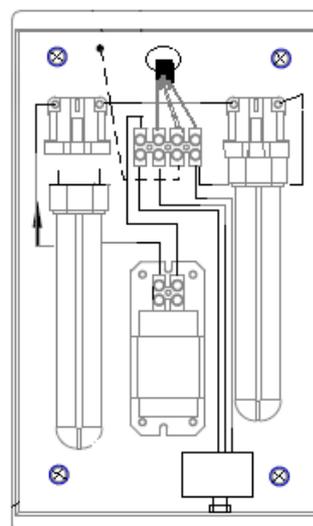


Diagram E

