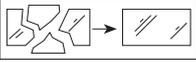


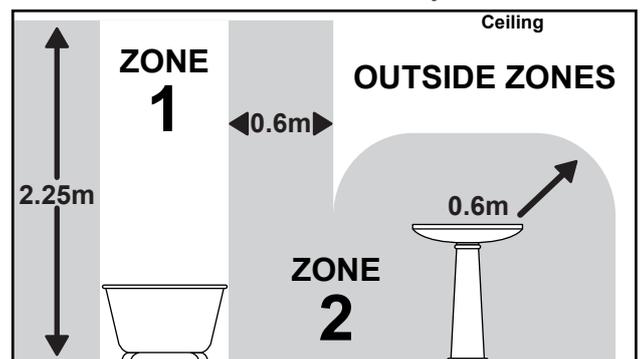
ENDON®

Models 347 and 447 – Twin IP44 wall lights

INSTRUCTION MANUAL

Safety Warnings

- This product is only suitable for connection to a 240V~50Hz supply in accordance with current IEE wiring regulations. It should be installed in accordance with local building regulations and is for domestic ceiling use only.
- Before installing your light fitting always switch off the mains supply and remove the appropriate fuse or switch off the appropriate circuit breaker before commencing installation.
- This is a Class I product, and **must** be Earthed. The terminal blocks are supplied according to requirements of the fitting.
- Never fit bulbs of a higher wattage than those specified on the label (as these may cause overheating and damage the fitting).
- This product contains delicate parts – be careful during handling and maintenance to avoid breakage.
- This product has special protection against the ingress of water, and is rated IP44. 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: 
- This light may be installed in Zones 1 and 2 and Outside Zones of a bathroom where water jets are not used for cleaning purposes. If installing in a bathroom, a 30mA RCD must be used in accordance with IEE Wiring Regulations and the Building Regulations. An electrician must be consulted if in any doubt about your own competency or meaning of bathroom “Zones”, “Equipotential Bonding” or “RCD”.
- If you are in any doubt about your competence please consult a qualified electrician.
- If any modification is made it will invalidate the warranty and may render the product unsafe.



Care Information

Allow 10 minutes to cool before replacing, adjusting or cleaning.
Clean with a dry cloth only. Do not use liquid or abrasive cleaners on this product.

Assembly/ User Instructions

Before you start

Please read these instructions carefully before fitting and retain for reference. Check the packaging and make sure that you have all the required parts. Follow each assembly step in order to prevent incorrect assembly. Ensure that the product is fully assembled as illustrated before use.
This light fitting is suitable for use with a dimmer switch, but may not be dimmed if using certain energy saving lightbulbs - please check lightbulb packaging.

The Light pack contains:

Light fitting.
Terminal connection block(s).
Fixing pack.

The following tools may be required:

Selection of cross and flat head screwdrivers.
Electric drill and assorted drill bits.
Wire strippers.
Electrical insulation tape.

Assembly/ User Instructions Continued

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

1. Decide on the position of the light fitting / or remove existing light fitting. Take a note of the position of the electrical connections. Ensure there is a solid mounting surface, preferably a brick or block wall and ensure that there are no cables or pipes beneath the surface. If the wall is timber frame and plasterboard then please use appropriate fixings. Wall plugs are shown here. Ensure the fixings used can support the weight of the wall light.
2. Remove the fixing bracket by undoing the 2 back plate / bracket screws, retain for re-use. Use the fixing bracket, as a template to mark the screw holes. Make sure the bracket is horizontal. Fix the bracket to the wall – the use of plugs (1) and screws (2) are shown here.
3. Diagram B. Take off the back housing (4) by removing the nuts / washers (5), bring the mains cable through the grommet in the back housing. Support your fitting and connect the house wiring to the terminal block (3). **NOTE: This is a Class II fitting and must not be earthed. If you have any earth cables make sure that they are connected to each other – to maintain earth continuity throughout your property – and wrap them in insulation and keep them away from the terminal connections of the fitting.** Open the terminal block box and take out the long tailed grommet, sliding it up the house supply cable. Cut and strip the cable and connect it to the terminal block as shown. Close the terminal box cover.
4. Re-position the back housing (4) and secure with the nut / washer assemblies (5). Make sure that all the internal cables are inside the back housing, taking care not to trap or strain the internal cables. All seals / washers should be properly located.
5. Diagram C. Re-fit the light back onto the fixing bracket using the 2 screws (1) removed in 2 above.
6. Fit the bulbs, being careful not to touch the bulbs with your bare hands – use a cloth or gloves to insert the bulbs. **NOTE: Never fit bulbs of a higher wattage than that specified on the label** (as this may cause overheating and damage the fitting).
7. Carefully fit the glass covers by gently pushing / twisting them over the lamp holder assemblies. Make sure that the rubber washers are not displaced as these are required to ensure the water ingress protection of the fitting.
8. Turn on the power and test using the pull cord.

