


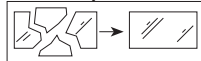
ENDON®

IP44 LED Ceiling Fitting INSTRUCTION MANUAL

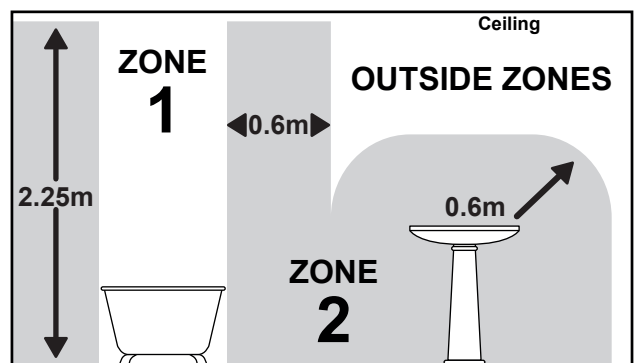
Safety Warnings

- This product is only suitable for connection to a 240V~50Hz supply in accordance with current IEE wiring regulations, and should be installed in accordance with local building regulations. It is for indoor use only, and is suitable for a bathroom location.
- 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. Ensure that no one else has access that would enable the supply to be inadvertently reconnected.
- 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. The terminal blocks are supplied according to requirements of the fitting.
- This product contains non-replaceable LEDs. If the LEDs become damaged, they cannot be replaced, and the product must be scrapped.
- This product may contain 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, or call (01202) 690945. 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.

Please note - This instruction covers multiple fitting styles. While the assembly steps are the same, your product may vary from the diagram.

The Light pack contains:

Light fitting
Terminal connection block(s)
Fixing pack
Allen Key

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.

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 wooden joist or joist bridge to support the weight of the light fitting.

Assembly/ User Instructions

2. If the fitting is a pendant and you want to reduce the overall length of the fitting it is essential that this is done before the fitting is mounted to the ceiling and/ or connected to the mains supply. Fittings may be supported by a single chain, a solid stem, the electrical cable or may have lamp holders mounted on the Ceiling Cup which will be a larger diameter than shown. Remove the chain links, or shorten the wire, until the desired length is reached. The cable must now be shortened and the excess cable cut and re-connected to the terminal block. Feed the cable up through the plastic bush and form a loop above the ceiling cup, and secure the cable. This might be done by moving the figure of 8 cable restraint down the exposed cable or by using a clamp or grub screw to grip the cable. **NOTE: The electric cable must always be longer than the chain to prevent strain being placed on the cable. If you are unsure about your ability to do this, we recommend you contact a qualified electrician.**
3. Refer to generic diagram: Remove the side screws (3) and retain the screws for re-use. Use the fixing bracket as a template to mark the screw holes. Mark the screw holes and secure to the ceiling with appropriate screw fixings (1), making sure the bracket is correctly aligned.
4. Support your fitting and connect the house wiring to the terminal block (4). When you are sure of the connections wrap the Terminal Block and overlap the wiring both sides with 2 layers of insulation tape. The 4th terminal block connector is used for the "loop" wires of the "Ring Circuit". There may be more than one set of cables in the "loop" connections. If there is a "Ring Circuit" and you do not understand the connections you must consult an electrician. Any loose terminal blocks - not secured to ceiling cup - should always be covered with 2 layers of good quality insulation tape. Re-fit the back box ensuring no wires are damaged, trapped or left exposed. Check the seal, use sealant if required.
5. Secure the ceiling cup over the bracket by using the screws (3) removed in Point 3.
6. Turn on the power and test.

