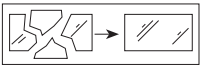


ENDON®

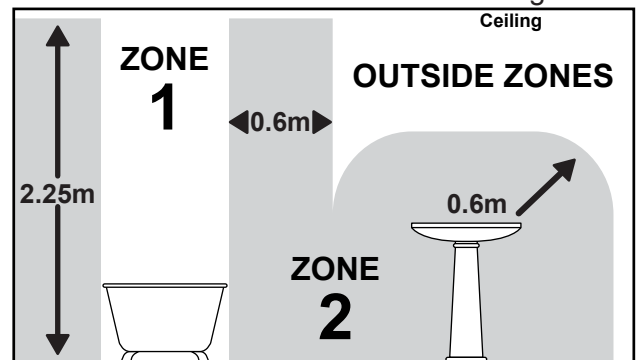
Porto 3lt Spot Bathroom Light Fitting INSTRUCTION MANUAL

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.
- 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.

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.
2. Remove the two side screws (4) and retain for re-use. Use the fixing bracket (1) as a template to mark the screw holes. Make the screw holes and secure to the ceiling with appropriate screw fixings (2).

Assembly/ User Instructions Continued

- Support your fitting and connect the house wiring to the terminal block (3) - see expanded wiring diagram overleaf. When you are sure of the connections wrap the terminal block and overlap the wiring both sides with 2 layers of insulation tape. **NOTE: This is a Class I fitting and must be earthed.** 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. Check the seal, use sealant if required.
- Ensuring nothing is blocking the central drain hole, secure the ceiling cup over the bracket by using the screws (4) removed in Point 2.
- Install the bulbs (5). Never fit a bulb with a higher wattage, as this could cause over heating and damage the fitting.
- Fit the light cover (6), ensuring the seal is tight and being aware of cross-threading.
- Turn on the power and test.

