

# LOGIC LED IP44 WALL / CEILING LIGHTS

## INSTALLATION INSTRUCTIONS

These products are  
sold individually

These instructions are provided for your safety.

Please read carefully before commencing work and retain for future reference.

### SAFETY INFORMATION

- \* We recommend any electrical wiring in the bathroom is carried out by a qualified electrician. All wiring must comply with the current edition of the IEE wiring regulations and relevant Building Regulations
- \* If you are in any doubt consult a person competent to give advice on the installation of electrical equipment.
- \* Before installation and servicing disconnect the electricity supply at the fuse board.
- \* To avoid damage to concealed wiring during installation, establish the direction of the supply cable before drilling fixing holes.
- \* This fitting is rated IP44 and is suitable for use in Zones 1 & 2 of a bathroom when fitted in accordance with IEE wiring regulations (see diagram on box). Product should be connected to a supply protected by a 30mA RCD in Zone 1 & 2.
- \* This fitting is Class 2 =  therefore no earth is required and should be fitted to a lighting supply protected by a 5 amp fuse or equivalent circuit breaker.
- \* The LED module fitted to this product can get warm, always switch off at the mains and allow LED to cool down before handling or adjusting the lighting head.

**IMPORTANT – THIS FITTING IS NOT SUITABLE FOR DIMMING – FAILURE TO OBSERVE THIS MAY PERMANENTLY DAMAGE THE FITTING**

### INSTALLATION

1. Ensure the house electricity supply is off at the fuse board.
2. If you are fitting this product in place of an existing one, you may find that there are more than 3 sets of cables connected within existing rose. Before removing existing fitting, carefully note position of each set of cables.
3. Remove backplate from fitting by undoing screws at the sides of ceiling cup. ① (retain screws and any washers for later)
4. Using backplate as a template, mark and then drill the fixing holes, ensure holes are drilled into a suitable fixing not just plaster. ②
5. Make a suitable size hole in the rubber grommet in the backplate of the fitting for cable to pass through. Pass cable through the grommet, ensuring it makes a good watertight seal around cable
6. Attach backplate onto the prepared mounting surface using screws and rubber seals supplied. ③ Ensure screws are firmly fixed into a ceiling joist or other suitable mounting and not just the plaster board.
7. Use a screwdriver to lever open the connector block housing and feed supply cable through the rubber sleeve. Whilst supporting the weight of the fitting, make electrical connections as follows:

Connect supply live (normally brown or red) to fitting live (marked “L”) on the terminal block.

Connect supply neutral (normally blue or black) to fitting neutral (marked “N”) on the terminal block.

**Please note: No earth should be connected to any part of this fitting. If any earth wires are present please terminate these in a separate terminal block (not supplied) to ensure that continuity is maintained for the earth circuit.**

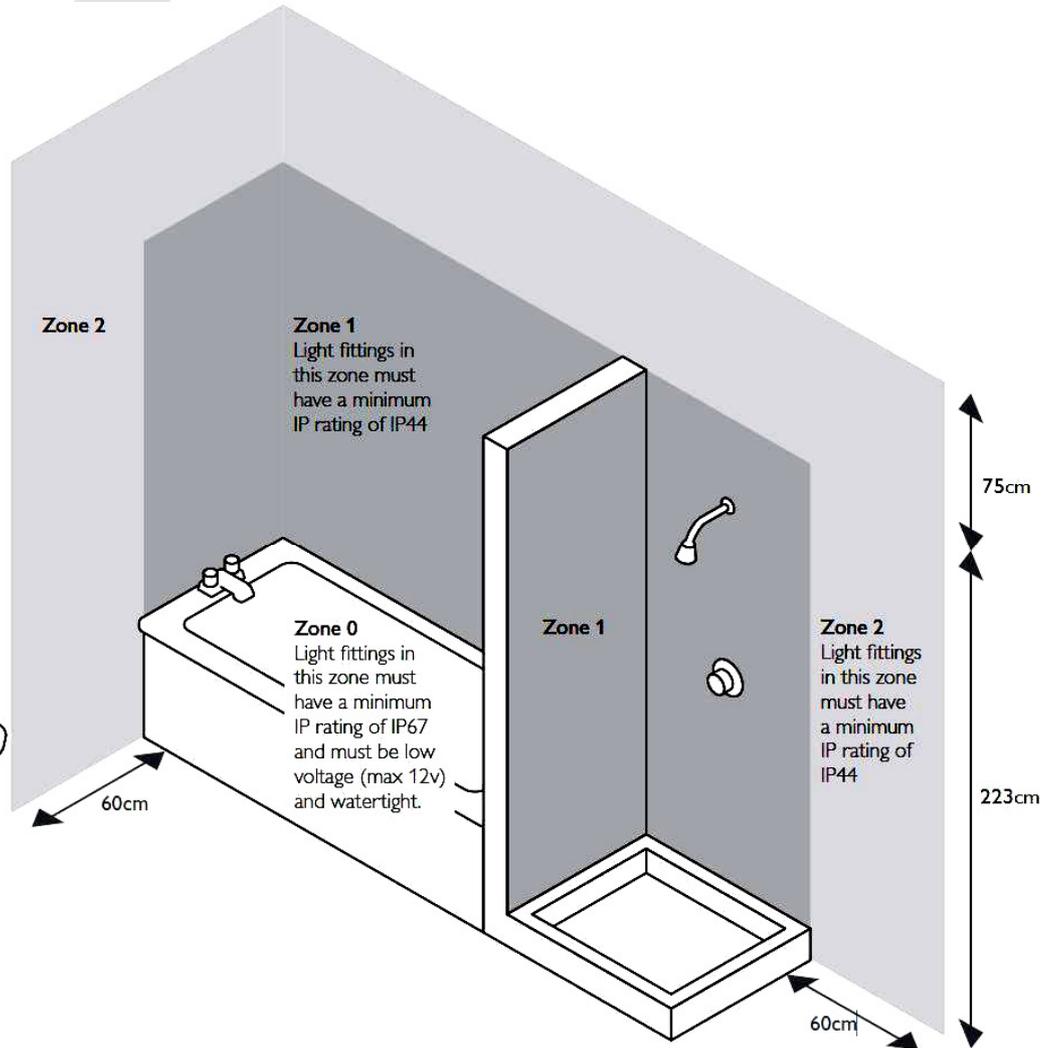
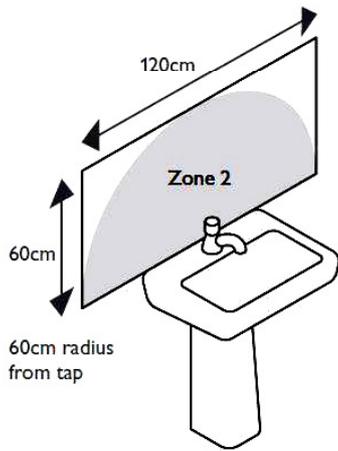
Ensure electrical connections are tight and no loose strands of wire are left out of the terminal block. Ensure terminals and rubber sleeve is correctly seated then close connector block housing by snapping together.

8. Ensure sure wires are carefully tidied inside fitting cup and not likely to protrude from the sides. Offer fitting onto the backplate and align fixing holes, use screws and any washers removed earlier to secure fitting into position. ⑤ You may need to apply slight pressure to align fixing screws, **do not apply any pressure onto lighting heads as this would result in glass or stem damage.**
9. Hold lighting head firmly and offer glass onto lamp head, twist glass as it is fitted to ensure silicone seal on the lamp head is correctly seated in place. ⑥ **Caution: ensure glass is correctly fitted to prevent the risk of it falling from the fitting.**
10. Switch on the electricity supply at the fuse board.

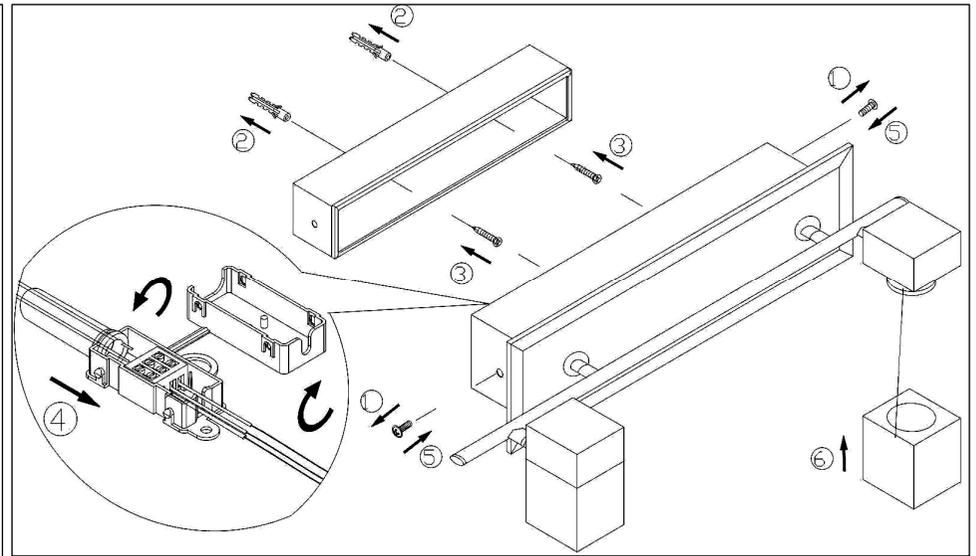
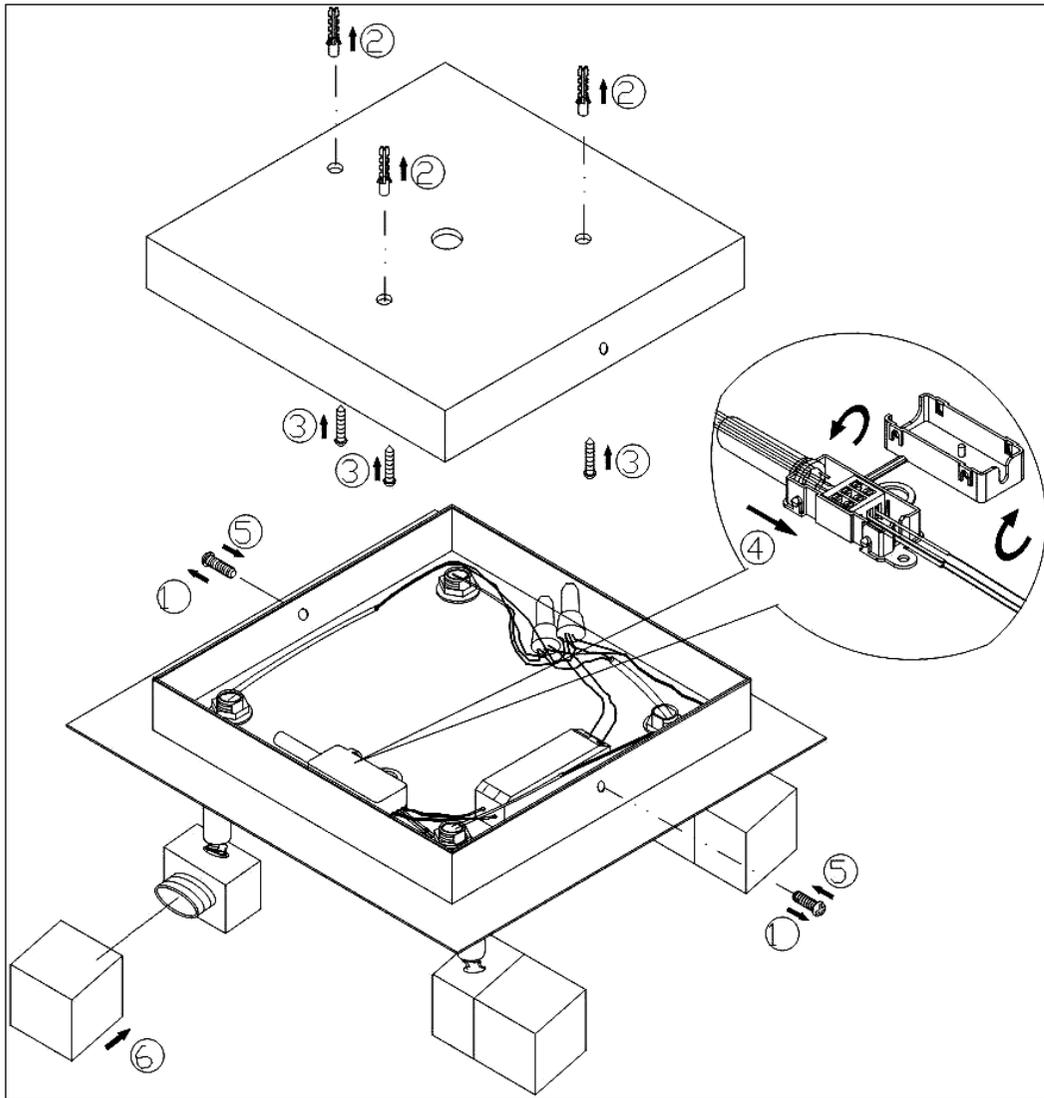
### GENERAL INFORMATION

This fitting is designed for internal use only and must be fitted to a DRY SURFACE as any dampness in plaster or paint can damage the finish. **Do not use polish or abrasive cleaner - just a soft dry cloth.**

Install in accordance with the IEE Wiring Regulations and the Building Regulations



**THIS LIGHT FITTING IS IP44 MAKING IT SUITABLE FOR ZONES 1 AND 2**



Logic 2 light bar illustrated, other bar fittings in this range have similar construction.

Logic 4 ceiling light fitting

**These products are sold individually**

These diagrams are offered as a guide only. Please follow all the safety and installation information overleaf.