

RALPH IP65 LED BATHROOM FLUSH

INSTALLATION INSTRUCTIONS

These instructions are provided for your safety.

Please read them carefully before commencing work and retain them 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 overleaf). Product should be connected to a supply protected by a 30mA RCD in Zone 1 & 2.
- * This fitting is Class I = $\frac{1}{\equiv}$ and should be fitted to a lighting supply (with earth) protected by a 5 amp fuse or equivalent circuit breaker.
- * **The light source of this luminaire is not replaceable; when the light source reaches the end of its end of life the whole luminaire shall be replaced.**
- * **IMPORTANT – THIS FITTING IS NOT SUITABLE FOR DIMMING, WILL CASE PERMANENT DAMAGE.**

INSTALLATION

1. Ensure the house electricity supply is off at the fuse board. \AA
2. If removing existing fitting, carefully note the position of each set of cables. If there are loop in cables that are not connected to the light these must be terminated in a separate terminal block not connected to the fitting.
3. Remove the backplate from main body of fitting by undoing the retaining screws, retain the screws and any washers for later. $\text{\textcircled{B}}$
4. Using backplate as a template, mark and drill fixing holes. Ensure holes are drilled into a solid or other suitable mounting and not just the plaster. $\text{\textcircled{C}}$
5. Pass cable from the ceiling through the rubber grommet whilst making sure rubber grommet makes a good watertight seal around cable. $\text{\textcircled{C}}$
6. Attach the back plate onto the ceiling using suitable fixings whilst making sure the ‘O rings’ provided are used to prevent moisture ingress, take care not to overtighten screws or damage the ‘O rings’. $\text{\textcircled{C}}$
7. Make electrical connections as follows: $\text{\textcircled{C}}$
Connect supply live (normally brown or red) to fitting live (marked “L”) on the plastic casing terminal block.
Connect supply neutral (normally blue or black) to fitting neutral (marked “N”) on the plastic casing terminal block.
Connect supply earth (normally green/yellow or unsheathed) to earth (marked “ $\frac{1}{\equiv}$ ”) on plastic casing terminal block.
Ensure electrical connections are tight and no loose strands of wire are left out of the connector block and ensure terminal block and cable are not protruding.
8. Attach the main body of the fitting over the back plate and make sure rubber seals are correctly situated before securing main body into position. $\text{\textcircled{D}}$ **Take care not to damage cable and ensure care is taken not to over tighten screws or damage ‘O ring’.**
9. Clean the fitting from dust and finger marks. $\text{\textcircled{E}}$
10. Switch on the electricity supply at the fuse board. $\text{\textcircled{F}}$

GENERAL INFORMATION

This fitting is designed for internal use, it must be fitted to a DRY FINISH as any dampness in concrete, wood stain, paint and etc can damage finish. **Do not use polish or abrasive cleaner - just a soft slightly damp cloth**

