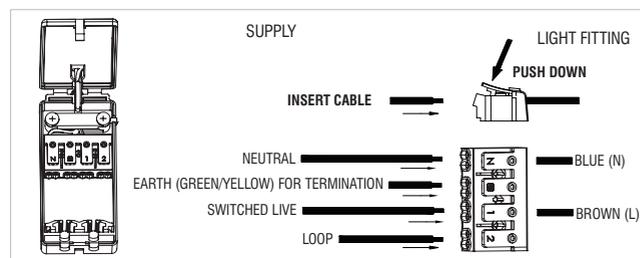


Wiring

Unclip the cover from the quick fit connection case. Having correctly identified the wiring from your existing light fitting, pull the mains wire through the hole and connect to the quick fit connection block in the following way. No tools are necessary.

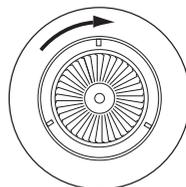


Check that...

You have to correctly identified the wires.
The connections are tight.
No loose strands have been left out of the connection block.
The cover on the connection box has been replaced.

Fitting/replacing the bulbs

- When changing a bulb, always switch off at the mains and allow the bulb to cool before handling. Dispose of used bulbs carefully. Use a soft cloth to handle bulbs, avoid directly touching the bulbs as this will shorten their life. Do not exceed the wattage stated or use a different shape bulb from that indicated on the fitting.
- To replace the bulb, Rotate decorative bezel anti-clockwise. Drop down and slide bulb out from clip. To refit, slide bulb into clip, slide bulb into clip, and refit the decorative bezel.



Technical data

Supply Voltage: 240 V~, 50 Hz

Bulb Type: Max. 50W GU10 (required)

CE Conformity with all relevant EC Directive requirements.

 This is Class 1 product and must be earthed.

 Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or local store for recycling advice.

 This product is suitable for dimming.

 This product is rated at IP20.

Care and Safety

We recommend cleaning with a soft dry cloth. Do not use solvents or abrasive cleaners as these could damage the finish. For your safety, always switch off the power supply before cleaning.

Always disconnect the product from mains at least 10 minutes allowing to cool down before any maintenance or adjustment.

Instruction manual

RAVEL TRIMLESS FR DOWNLIGHT

81572



Thank you for purchasing this light fitting. Please read the instructions carefully before use to ensure safe and satisfactory operation of this product. Please retain these instructions for future reference.

Warning

This is Class 1 product and must be earthed!



Product is not suitable for direct mounting on normally flammable surfaces (suitable only for mounting on non-combustible surfaces)



Luminaires not suitable for covering with thermally insulating material.

Please read these instructions carefully before commencing any work.

This unit must be fitted by a competent and qualified electrician.

Install in accordance with the IEE Wiring regulations and current Building Regulations.

Check the pack and make sure you have all the parts listed.

To prevent electrocution switch off at the mains supply before installing or maintaining this fitting. Ensure other persons cannot restore the electrical supply without your knowledge.

This light fitting should be connected to a fused circuit.

If replacing an existing fitting, make a careful note of the connections.

Always use the correct type and wattage bulb. Never exceed the wattage stated.

When changing a bulb, always switch off at the mains and allow the old bulb to cool down before handling.

Dispose of used bulbs carefully and responsibly.

This product is suitable for dimming when used in conjunction with a dimmable lamp. please ensure verification of dimming abilities with the lamp manufacture prior to use.

Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.

Layout

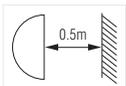
Plan the desired layout of these fittings carefully, ensuring the cables will reach the distances between each light fitting.

Avoid locating any cables in positions that would cause a hazard. Position cables and junction boxes (not supplied) away from areas where they may be at risk from being cut, trapped or damaged.

This product has no special protection against the ingress of moisture, and is rated as IP20.

The mains supply cable must have a minimum cross section area of 1.0mm²

Cables must be protected using suitable conduit or plastic trunking.



Spotlights give a concentrated beam of light and must not be positioned any closer than 0.5m (50cm) to the illuminated surface.

Installation

Existing fittings must be completely removed before installation of a new product. Before removing the existing fitting, carefully note the position of each set of wires.

Note that the switch is turned off before installation.

After deciding the layout of the light fittings ensure that the cables are long enough to connect to desired positions.

Secure the product to the ceiling with the supplied screws.

This product must be mounted out of arms reach.

This product has no special protection against the ingress of moisture.

Ensure a minimum ceiling void depth of 155mm is available.

When more than one downlight is installed, the minimum distance between units is 500mm. the unit must be located a minimum distance of 100mm from a joist.

Ensure free movement of air by removing void insulation from at least 150mm from around the hole.

Under no circumstances must these fittings be covered with insulating matting or similar material.

- Cut a mounting hole $\varnothing 75\text{mm}$ diameter in the ceiling taking care not to foul any pipes, mains cables or joists beneath the surface. It is always recommended to cut the hole slightly smaller than the size specified, and then file the hole until the recessed unit fits snugly.
- Follow the installation steps below to install
- Please remove the PVC cover before using.
- Replace fuse or circuit breaker and switch on. Your light is now ready for use.

