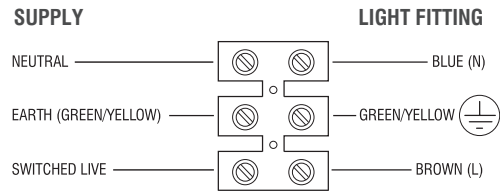


Wiring

If not fitting to a plug then the product must be wired to a IP68 outdoor rated terminal block. We recommend item 90131/ 90132 (outdoor rated terminal block).

Having correctly identified the wiring from your existing light fitting, connect to the approved outdoor rated or approved double insulated terminal block in the following way:



Check that...

- You have correctly identified the wires.
- The connections are tight.
- No loose strands have been left out of the connection block.
- Ensure that cord grips are tightly secured on the approved outdoor rated external terminal block.
- Ensure that all seals are re-fitted correctly to the approved outdoor rated external terminal block.

Specification

Voltage: 220-240V~ 50Hz
Lamp type: Max. 50W GU10
IP rating: 65 & 67

Please note this product is dual IP rated.
The cable gland is IP67 however all other seals are IP65 rated and are not suitable for total immersion.

Fitting/replacing bulb

- When changing a bulb, always switch off the mains and allow the bulb to cool before handling. Dispose of used bulbs carefully. Do not exceed the wattage stated or use a different shape bulb from that indicated on the fitting.
- Unscrew the four screws on the front bezel using the supplied tool. Lift off the bezel and glass and set aside.
- Push bulb into lampholder and twist anticlockwise to remove. To refit, reverse procedure.
- Ensure that the seal is fitted in position with the grooves facing down before refitting decorative bezel.



Recycling advice



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.

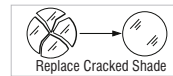
Care and Safety

We recommend cleaning with a soft dry cloth. Do not use solvents or abrasive cleaners as these could damage the finish. Glass parts - Remove and wash in warm water or just use a damp cloth. Do not use abrasive materials as these will damage the finish.

To prolong the life and keep your outdoor lighting in good condition, it is recommended that periodically it is cleaned using a soft cloth followed by the application of a light coating of oil, such as WD40.

For your safety, always switch off the power supply before cleaning.

This system contains non-replaceable parts and cannot be serviced. If damage occurs the part should be scrapped.

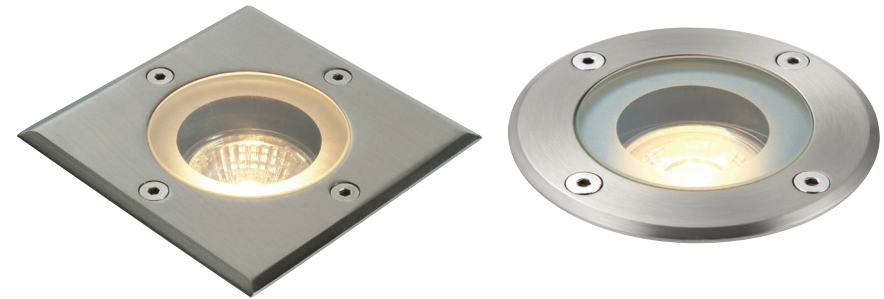


The shade must be replaced immediately should the shade become cracked or damaged. This fitting must not be used without the shade in place.

Instruction leaflet

Pillar Recessed

52211, 52212, GH88042V, GH98042V, 103851



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 a Class 1 product and must be earthed.

Please read these instructions carefully before commencing any work.

This system operates at Mains Voltage (240V), and must be installed by a qualified electrician and in accordance with IEE Wiring Regulations and current Building Regulations.

An appropriate outdoor mains cable must be used to power this product.

To prevent electrocution switch off mains supply before installing or maintaining this fitting. Ensure other persons cannot restore the supply without your knowledge. If you are in doubt, consult a qualified electrician.

This light fitting should be connected to a circuit with a 30mA RCD fitted.

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. Do not exceed the wattage stated or use a different shape bulb from that indicated on the fitting.

This luminaire is designed for outdoor installation and is rated at IP67.

This will require an appropriate outdoor rated junction box (not supplied).

52211 and 52212 are made from a marine grade stainless steel (316L); GH98042V, GH88042V and 103851 are made from stainless steel (304).

This product is unsuitable for immersion in water or very wet areas.

The product bezel and glass get very hot whilst in use, care must be taken in locating this product

This fitting is designed for recessed vertical ground use only. Do not install it horizontally in a wall.

Layout

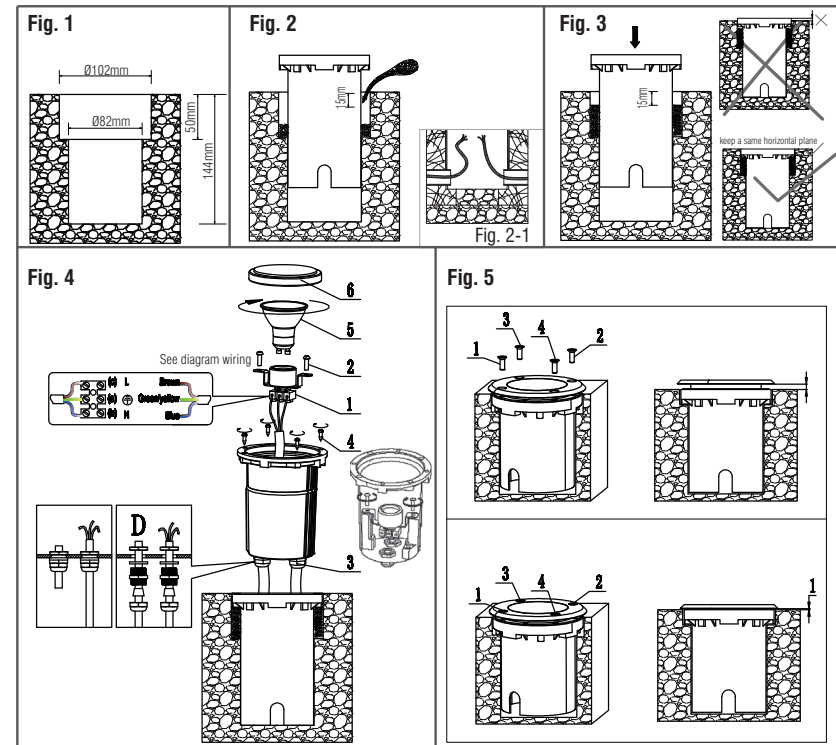
- Plan the desired layout of this fitting carefully, ensuring the cables will reach the distance between the junction box and the light fitting.
- Avoid locating any cables in positions that would cause a hazard. Position cables and outdoor rated junction boxes (not supplied) away from areas where they may be at risk from being cut, trapped or damaged.

- We recommend that you use H05RN-F specification cable (not supplied) which is an outdoor grade, rubber sheathed cable. The mains supply cable must have a minimum cross sectional area of 1.0mm².
- Cables must be protected using suitable conduit or plastic trunking.

Installation

- Undo the four allen screws holding the bezel and glass shade in place and set aside.
- Undo the four self tapping screws holding the cast fitting to the plastic housing. Separate the casting from the housing by pulling gently. Set the cast fitting aside.
- The product must be mounted in the supplied housing. The product must not be installed into soil.
- Form a T shaped cutout to fit the housing into. The dimension of the T shaped cutout are given below in **Fig. 1**. Ensure that there is adequate drainage below the product.
- Fit the housing into the T shaped cutout but not in place so that to pour the concrete. Ref **Fig. 2**. And position the conduit or plastic trunking at the grooves in the side of the housing and pull the cable through as shown in **Fig. 2-1**. Ensure that the cables are not snagged. Finally, pour the concrete into the void, and stay in the 15mm space. Ref **Fig. 2**.
- Fit the housing into the T shaped cutout in place. Ensure that the top of the housing is on the same horizontal plane as the ground. Ref **Fig. 3**.

- Refer the step in **Fig. 4** to install the light body and wiring.
 - Undo the two screws holding the lampholder in place and lift out. You may also need to undo the earth screw on the body as well.
 - Undo the glands(s) at the bottom of the unit and pull the wire through as shown. If the cable is being looped through as shown. If the cable is being looped through to other units then pull that wire through at the same time. Ensure that the wire is fitted correctly in the centre of the gland. Re-assemble the gland, but do not tighten yet.
 - Connect the supply wires to the product terminal block as shown. Ensure that you have correctly identified the wires, that the connections are tight and no loose strands have been left out of the connection block.
 - Push the wiring carefully back into the fitting and refit the lampholder bracket into position.
 - Ensure that the wiring is pulled through the glands and then tighten them properly.
 - Refit the glass shade and bezel in place. Ref **Fig. 5**. Replace fuse or circuit breaker and switch on. Your light is now ready for use.
- For installation in concrete with the outer sleeving being used, cutout dimension is 102mm/82mm with T shaped, please refer to Fig.1 diagram.



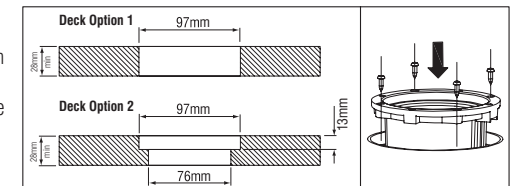
Decking Fitting - If fitting this product in decking subject to foot traffic then we would recommend that CFL or LED bulbs are used. If a halogen lamp is required then a 20W lamp should be fitted.

- Two options can be used to fit this product to a deck.

Option 1 - Drill a 97mm diameter hole. The product will sit in loose in position resting on the stainless steel bezel, but will not be secured. Ensure that there is enough slack cable to allow the product to be lifted out when changing the bulb. The fitting can lightly held in position using silicone sealant.

Option 2 - Drill a 76mm diameter hole. Machine a 97mm diameter by 13mm deep counterbore. The product will can then be secured.

- Ensure that conduit or plastic trunking is used to house the cables. Ensure that the cables are not snagged. If using option 2, screw the product in place through the four holes in the housing into the surface.



For installation on decking situation, cutout dimensions is 97mm for decking option 1 and 97mm/76mm with T shaped for decking option 2.