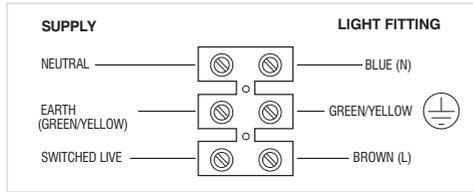


## Wiring

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 (not supplied) in the following way:



### Check that...

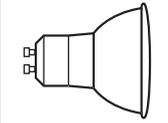
- You have correctly identified the wires.
- The connections are tight.
- No loose strands have been left out of the connection block.
- When completed, ensure that there are no bare or loose strands of wire exposed, and cover all exposed areas of the connection block with 2 layers of insulation tape.

## Fitting/Replacing the bulb: Max. 50W GU10

When changing a bulb, always switch off at the mains and allow the bulb to cool before handling. Dispose of used bulbs carefully and responsibly. 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. Use of the incorrect bulb will damage the product and invalidate the guarantee. Check with your retailer re bulb dimming capability before purchasing replacement bulbs.

1. Unscrew the glass shade and the bezel.
2. Remove the shade and the old bulb by turning anti-clockwise. Then insert the new bulb and the shade.
3. Adjust the light source to the desired angle.
4. Replace the the shade galss and the bezel ensuring that it is tightly secured.

Max. 50W GU10



## Technical data

Supply Voltage: 220-240V~, 50Hz | Bulb Type: Max. 50W GU10 (required)

**UK CA** Conformity with all relevant UKCA Directive requirements.

**CE** Conformity with all relevant EC Directive requirements.

 This is a 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 IP67.

## 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.



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

# Pillar Tilt

99550



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

## Warning

This is a Class 1 product and must be earthed.

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. If you are in any doubt, please consult a qualified electrician.

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

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

Take care not to drill into any pipes or mains cables beneath the surface during mounting holes preparation.

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

This product is unsuitable for immersion in water.

This product is not suitable for location in or near a marine environment.

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 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 section area of 1.0mm<sup>2</sup>.

Cables must be protected using suitable conduit or plastic trunking.

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.

## 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.

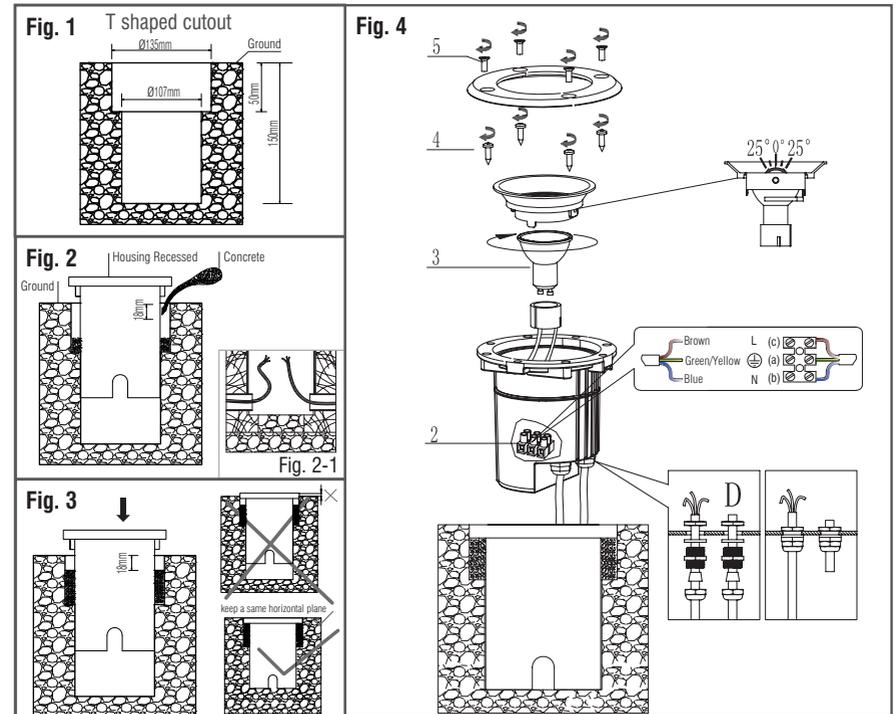
Ensure that the screws and cable entry points are sealed to maintain the IP rating of the product.

Decide on the position of the luminaire. Depending on the location, an approved outdoor rated plug and socket may be required. Alternatively an approved outdoor rated external terminal block may be used. We recommend item 90131/90132 (outdoor rated terminal block).

- Undo the four 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 18mm 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 glands(s) at the bottom of the unit and pull the wire 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 into position.
  - Ensure that the wiring is pulled through the glands and then tighten them properly.
  - Adjust the light source to the desired angle before fit the glass shade and bezel.
  - Refit the glass shade and bezel in place.
- 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 135mm/107mm with T shaped, please refer to Fig.1 diagram.



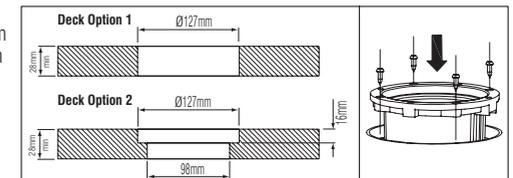
**Decking Fitting** - If fitting this product in decking subject to foot traffic then we would recommend that CFL or LED bulbs are used. If a halogen lamp is required then a 20W lamp should be fitted.

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

**Option 1** - Drill a 127mm 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 be lightly held in position using silicone sealant.

**Option 2** - Drill a 98mm diameter hole. Machine a 127mm diameter by 16mm 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 127mm for decking option 1 and 127mm/98mm with T shaped for decking option 2.