



# Masterlite

## Eden Ground Light.

### Installation and Safety Instructions.

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**

**These products become hot in use and are therefore intended for use in ground locations only, where there is no risk of physical contact or personal injury.**

**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 at 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.

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.

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

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

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

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

**The product bezel and glass get very hot if a GU10 halogen lamp is used.**

**Care must be taken in locating this product to ensure safe operation, please refer to the information below.**

**Ground use (away from decks, paths and walkways) - 50W GU10 halogen Max**

**Decking use - GU10 LED lamp only**

**Paths & walkways use - Max 7W GU10 compact fluorescent or GU10 LED lamp only.**

#### **Layout**

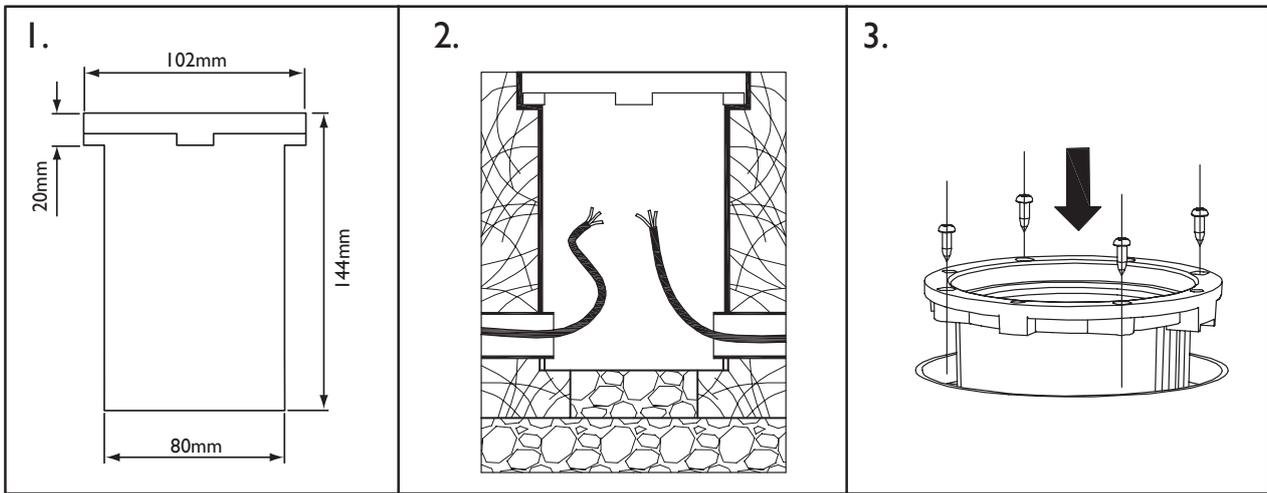
- Plan the desired layout of this fitting carefully, ensuring the cables will reach the distance between the junction box and the light fitting.
- Avoid locating any cables in positions that would cause a hazard. Position cables and outdoor rated junction boxes (not supplied) away from areas where they 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 1.0mm<sup>2</sup>
- Cables must be protected using suitable conduit or plastic trunking.

#### **Preparation**

1. Undo the four allen screws holding the bezel and glass shade in place. Set aside.
2. 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.

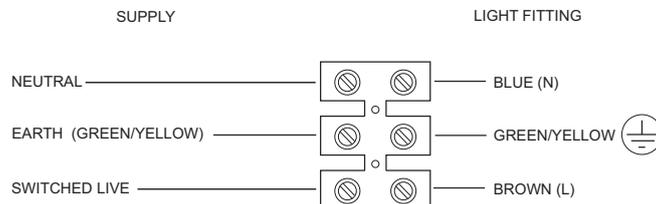
#### **Concrete or Patio Fitting**

1. The product must be mounted in the supplied housing. It should not be directly installed in the soil.
2. Form a T shaped cutout to fit the housing into. The dimensions of the housing are given overleaf in Fig.
  1. Ensure that the counterbore at the top is used to hold the housing in position. Ensure that there is adequate drainage below the product.
3. 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. Ensure that the cables are not snagged. Screw the fitting to the housing.



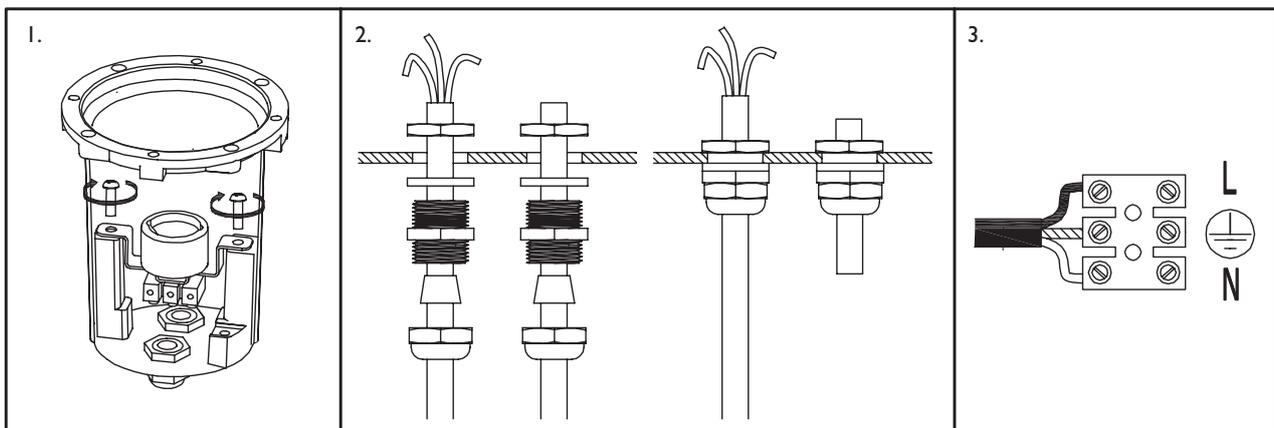
## Terminal Block Wiring

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



## Loop Wiring

4. 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.
5. Undo the gland(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.
6. 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.
7. Push the wiring carefully back into the fitting and refit the lampholder bracket into position.
8. Ensure that the wiring is pulled through the glands and then tighten them properly.



9. Replace fuse or circuit breaker and switch on. Your light is now ready for use.

### **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 all cord grips are tightly secured on the approved outdoor rated external terminal block.

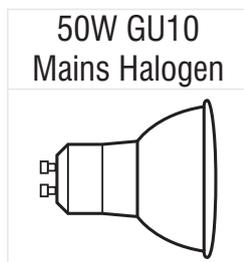
Ensure that all seals are re-fitted correctly to the approved outdoor rated external terminal block.

## **Fitting / Replacing Bulbs**

When changing a bulb, always switch off at 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 the bulb in to the lampholder and twist anticlockwise to remove. To refit bulb, reverse procedure. Ensure that the seal is fitted in position with the grooves facing down before refitting decorative bezel.



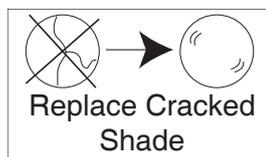
## **Care and Cleaning**

Finish - We recommend cleaning with a soft dry cloth. Do not use abrasive materials as these will 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.

## **Safety Information**

For your safety, always switch off the supply before changing lightbulbs, cleaning or removing shades.



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