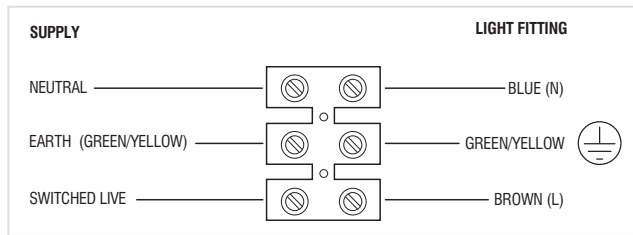


## Wiring

Having correctly identified the wiring from your existing light fitting, pull the mains wire through the conduit and connect to the terminal block in the following way:

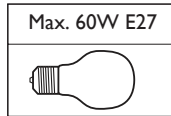


### Check that...

You have correctly identified the wires.  
The connections are tight.  
No loose strands have been left out of the connection block.

## Fitting/Replacing the bulb: Max. 60W E27 GLS

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.



## Technical data

Supply Voltage: 220-240V~, 50Hz | Bulb Type: 1 x Max. 60W E27 GLS (required)



Conformity with all relevant UKCA Directive requirements.



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 rated at IP65



This product is not suitable for dimming.

## Care and Safety

Allow 10 minutes to cool before replacing, adjusting or cleaning.

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 changing lightbulbs, or cleaning.



The bulb source is protected by the shade. The shade must be replaced immediately should it become cracked or damaged. This fitting must not be used without the shade in place.

# Zone Bollard

13822



80775 Root Kit

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 unit must be fitted by a competent and qualified electrician.

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

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

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.

The entire unit gets hot whilst on for a period of time.

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

This product is not suitable for location in or near a marine environment. The product will not withstand long periods of immersion in water.

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 fittings carefully, ensuring the cables will reach the distances between the junction box and the light fitting.

This product is designed for domestic and light industrial use, It should not be used to support other objects or used as a replacement for concrete or metal pillars.

The product must be mounted onto a concrete base or paving slab. It should not be directly installed in the soil.

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).

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.

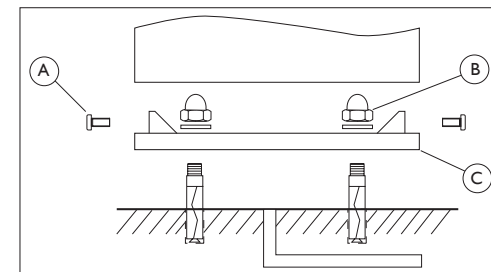
## Installation

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.

- Undo the four screws (A) holding the base plate (C) onto the bollard. Set aside.
- Undo the four screws holding the shade on. Set the shade and screws aside.
- Using base plate as a template, mark the fixing holes onto the mounting surface.
- Drill holes to the necessary size and depth - taking care not to damage any concealed pipes or wiring below the mounting surface.
- This product comes complete with expanding bolt type fixings (B) which are suitable for use on most surfaces, however alternative fixings may be required.
- Double check that the fixings line up with the holes in the base of the fitting push the fixing bolts into the mounting holes. Fit the base (C) and secure using the bolts (B).
- Undo the screws holding the lampholder assembly in place and set aside. Lift off the assembly and remove the cover from the IP terminal block.
- Pull the cable through the conduit. Refit the main tube to the base plate.
- Refit the cover on top of the IP terminal block.
- Refit the lampholder assembly to the top of the tube. Ensure that the cable does not get snagged.
- Refit the shade, ensuring that any seals are correctly located in position.
- Replace fuse or circuit breaker and switch on. Your light is now ready for use.



## For root kit installation (80775)

- If you purchased the root kit 80775, please refer to the following installation steps.
- Remove the bolts from the root kit and store it for use. See Fig. 1
- See Figure 2. Prepare the hole for the root kit. The foundation should be a minimum of 200mm diameter with a minimum depth of 150mm.
- Pour cement into the hole, ensuring the cement is finished level and smooth.
- Ensure a suitable amount of supply cable is exposed so the fitting can be correctly wired after the foundation has been prepared.
- See Fig 2 - Insert the anchor bolts into the wet cement. Ensure the top plate is resting level on top of the cement with the threads exposed.
- After the cement has dried, Use the bolts to secure the 13882 base to the anchor bolts.
- Attach the lamp to the base.
- Wire and assemble bollard as per instructions supplied with the product.
- The rock hook can be fit on ground either inward or outward direction.

