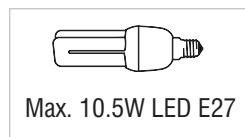


## Fitting/Replacing Bulbs

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

When changing a bulb, always switch off at the mains and allow the old bulb to cool down before handling. The entire unit gets hot whilst on for a period of time.

Dispose of used bulbs carefully and responsibly.



## Technical data

Supply Voltage: 220-240 V~, 50 Hz

Bulb Type: Max. 10.5W LED E27 (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 suitable for dimming.



This product is rated at IP44.



This product is rated at IK05.

## 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 changing lightbulbs, or cleaning.

## Instruction manual



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.

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 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.

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

This fitting must be mounted on either a concrete surface or a paving slab that has been concreted in position.

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 outdoor rated junction boxes (not supplied) away from areas where they may be at risk from being cut, trapped or damaged.

We recommend that your use H05RN-F specification cable (not supplied) which is an outdoor grade, rubber sheathed cable. The cable can be wired into an IP67 (or higher rated) external terminal block (recommended terminal block Ref. 90131/90132).

This must be carried out by a competent and qualified electrician.

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.

## Installation

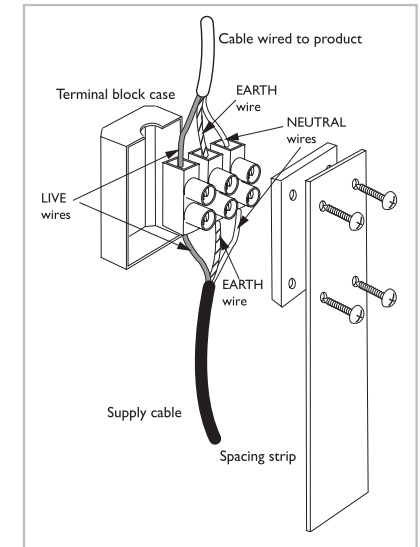
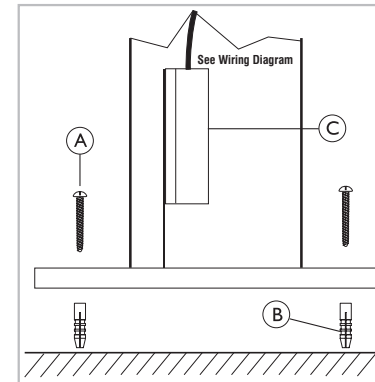
Existing fittings must be completely removed before installation of a new product. Before removing the existing fitting, carefully note the position of each set of wires.

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.

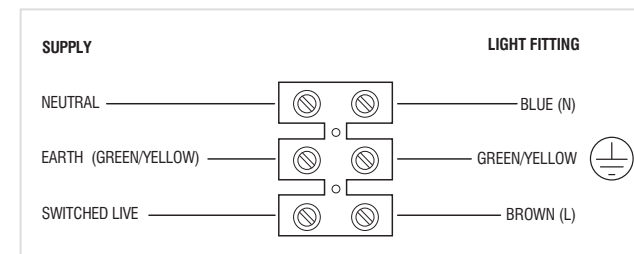
After deciding the layout of the light fittings ensure that the cables are long enough to connect to desired positions.

- 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.
- We recommend fitting this product with screws **(A)** which are suitable for use on most surfaces, however alternative fixings may be required.
- Push the raw plugs **(B)** into the mounting holes as shown.
- Pull terminal block **(C)** from inside of tube.
- Unscrew the 4 screws which attach the black box to the spacing strip. Open the black box and pull out the terminal block.
- Connect the Cables as the wiring diagram.



## Wiring

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 inside the product 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.