



# Mains Voltage Spotlight Installation Instructions

This product should only be installed by a qualified electrician.

## Before Starting

Please read through these instructions before commencing work, and keep them for future reference.

## Please Take Extreme Care When Carrying Out These Instructions

### Important!

This light fitting must be connected to the supply earth. If your lighting circuit does not have an earth, ask a qualified electrician to provide an earth facility. Light fittings should be connected to a 5 amp fused circuit. This light fitting is suitable for indoor use only.

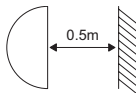
### Warning!

Always switch off electricity supply at the mains during installation and maintenance. We recommend that the fuse is withdrawn or the circuit breaker is switched off whilst work is in progress. Do not just turn off at the wall switch.

All fittings must be installed in accordance with the current edition of the IEE Wiring Regulations (BS7671:Requirements for Electrical Installations), Part P of the Building Regulations and appropriate statutory regulations.

Spotlight bulbs get very hot during use. Always switch off and allow to cool before changing bulbs or adjusting product.

## Siting Instructions



SPOTLIGHTS GIVE A CONCENTRATED BEAM OF LIGHT AND MUST NOT BE POSITIONED ANY CLOSER THAN 0.5M (50CM) TO THE ILLUMINATED SURFACE. NEVER POINT TWO SPOTLIGHTS DIRECTLY TOWARDS EACH OTHER.

## Using a dimmer switch with your spotlight

These spotlights are suitable for use with a dimmer switch.

## Fixing Instructions

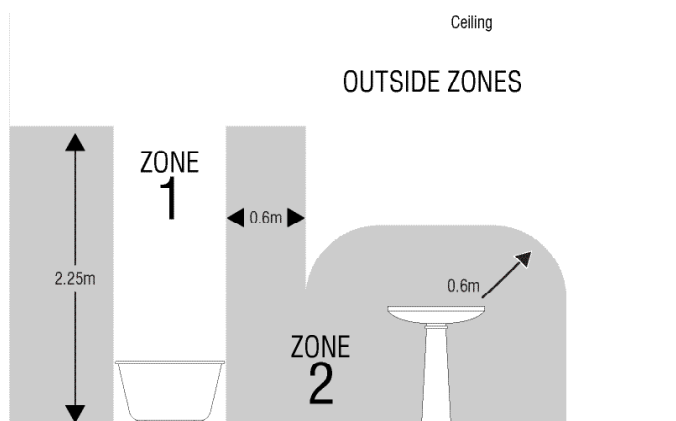
Make sure you have the following items which are required to install this light fitting:

Small electrical screwdriver, cross head screwdriver & insulation tape.

The installation of this fitting will be much easier with the help of an assistant.

## Siting Instructions

1. This product has special protection against the ingress of moisture and is IP44 rated.
2. This product is suitable for use in Zone 2 and outside Zones of a bathroom. See diagram overleaf. If this product is being fitted in a bathroom a 30mA RCD must be used in accordance with current regulations.
3. Do **not** attach to surfaces which are damp, freshly painted or otherwise electrically conductive (e.g. metallic surfaces).
4. The chosen location should allow for the product to be securely mounted and safely connected to the mains supply (lighting circuit).
5. This product is intended for decoration only and is not a toy. It must be sited out of arms reach.



This product is suitable for use in Zone 2 and outside Zones of a bathroom. See diagram. If this unit is being fitted in a room containing a bath or shower, a 30mA RCD must be used, in accordance with IEE regulations.

### Step 1

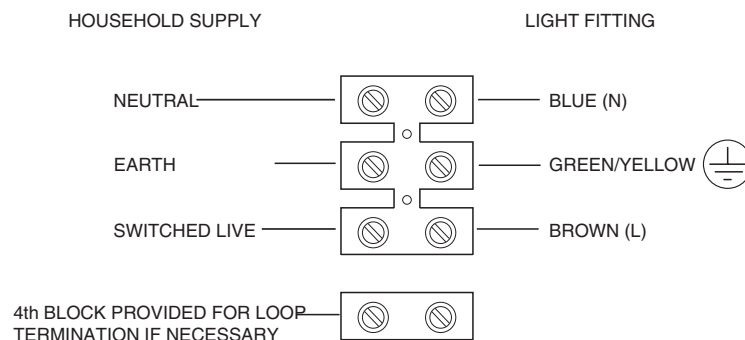
Existing ceiling roses must be completely removed before installation of a new product. Before removing the existing fitting or ceiling rose, **carefully note the position of each set of wires**. Where a ring/loop circuit exists there will be a fourth set of wires (usually red) that are not connected to the L, N, or E. of the fitting. This circuit must be kept together in the 4th terminal of the connection block, and insulated from the fitting and the other wires. **The ring/loop will remain live unless isolated at the mains or circuit breaker regardless of the position of the wall switch.**

### Step 2

Remove the fixing bracket from the ceiling cover and attach to the ceiling using the screws provided. Ensure there is a joist at the point of fixing to support the weight of the product. Take care to avoid damaging any concealed wiring and pipes.

### Step 3

Please note that the IEE Wiring Regulations (BS 7671) are changing the colours of cable used for fixed wiring for all new electrical installations. Having identified the household wiring from your existing light fitting, connect to the connection block inside the product in the following way:



### Check that.....

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

### Step 4

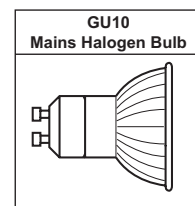
When completed, ensure that there are no bare or loose strands of wire exposed, and cover all exposed areas of the connection block with 2 layers of insulation tape.

### Step 5

Attach the product to the fixing bracket, by locating the screws in the bracket into the slots in the ceiling cover and tightening the screws to secure.

### Fitting/Replacing the bulbs

During use the bulb and light fitting get very hot. Switch off the product and allow the bulb to cool before changing the bulb. Use a soft cloth when handling bulbs as contact with bare hands will reduce the bulb life. Always use replacement bulbs of the same type and wattage: GU10 20 Watt MAX.



Push-in and twist anti-clockwise to remove.

### Step 6

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

### Care and cleaning

Finish - Clean with a soft dry cloth. Do not use abrasive materials as these will damage the finish.



Waste electrical products should not be disposed of with normal household waste. Please recycle where facilities exist. Check with your Local Authority for recycling advice.