

## Installation Instructions and Care

### Safety Markings



### Cleaning

Clean this light fitting only with a soft dry cloth.  
Do not use any chemical or abrasive cleaners.

### Lamp Replacement

1. Switch off the electricity at the mains.
2. Pull the bezel off the front of the fitting.
3. Pull the bezel off the front of the bulb

4. Pull the lamp directly out of the lampholder.
5. Fit a new lamp.
6. Press the bezel back onto the lamp and the back into the fitting
7. Restore the power and switch on.

### Replacement Lamp Type

Wattage: 50W  
Supply Voltage: 12V  
Size/Type: GU5.3 MR16 50mm Halogen

### Eventually, you may want to replace this light fitting

When your light fitting comes to the end of its life or you choose to update or upgrade it by replacing it, please do not dispose of it with your normal household waste, please recycle where facilities exist. When you need to dispose of this fitting, check with your retailer or local authority for suitable options. New regulations require the recycling of Waste from Electrical and Electronic Equipment (European "WEEE Directive" effective August 2005—UK WEEE Regulations effective 2nd January 2007). Environment Agency Registered Producer: WEE/GA0248QZ



If you experience problems...

If your light is defective or develops a fault, please return it to the place where you bought it. You can call our Helpline for advice. The Helpline will gladly give advice on any aspect of any Eterna Lighting product but may not be able to give specific instructions regarding individual installations.

**If in doubt, consult a qualified electrician.**

### Help Line

Tel: **01933 673 144**

Fax: **01933 678 083**

Email: [sales@eterna-lighting.co.uk](mailto:sales@eterna-lighting.co.uk)

For all other information visit our website [www.eterna-lighting.co.uk](http://www.eterna-lighting.co.uk)



## SAFETY AND INSTALLATION INSTRUCTIONS

### Models: **SLLVWH, SLLVSN, SLLVCR** **LV IP65 Downlight**

**IMPORTANT!** Please read these instructions before installing your new fitting.  
Please retain for future reference.



### Pack Contents

Downlight Fitting (Body with Clips)  
Downlight Fitting (Bezel with Glass)  
Stirrup with Terminal Block

## General Information and Safety Instructions

### Read this first

Check the pack and make sure you have all of the parts listed on the front of this booklet. If not, contact the outlet where you bought this product.

This product contains glass, care must be taken when assembling, fitting or handling to prevent personal injury or damage to the product.

**This light fitting must be installed by a competent person in accordance with the Building Regulations** making reference to the current edition of the IEE Wiring Regulations (BS7671). The Building Regulations may be obtained from OPSI or viewed and downloaded from [www.communities.gov.uk](http://www.communities.gov.uk) following the link for Building Regulations.

As the buyer, installer and/or user of this product it is your own responsibility to ensure that this fitting is fit for the purpose for which you have intended it. Eterna Lighting cannot accept any liability for loss, damage or premature failure resulting from inappropriate use.

### If in any doubt, consult a qualified electrician.

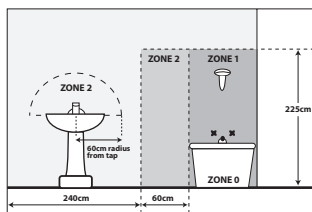
This product is designed and constructed according to the principles of the appropriate British Standard and is intended for normal domestic service. Use of this fitting in any other environment, for example where prolonged periods of use may be expected and/or higher than normal ambient temperatures, may result in a foreshortened working life.

Switch off the mains before commencing installation and remove the appropriate circuit fuse.

When working at heights, please use a suitable platform.

Suitable for indoor use only.

This product is suitable for use in living areas, and Bathroom zones 1 and 2 (see diagram below and current IEE Wiring Regulations for details). If being fitted in a bathroom a 30mA RCD must be used.



This product is suitable for installation on surfaces with normal flammability, e.g. wood, plasterboard, masonry. It is not suitable for use on highly flammable surfaces (e.g. polystyrene, textiles).

If installing/mounting a light fitting to a plastic ceiling, you must seek advice from the ceiling manufacturer regarding the type and specification of light fittings that may be used. Light fittings that generate and retain heat such as halogen downlights or flush fittings with incandescent lamps, may damage or discolour a plastic ceiling.

Before making fixing hole(s), check that there are no obstructions hidden beneath the mounting surface such as pipes or cables.

Do not cover the fitting with any insulating materials.

The lamp must be positioned so that there is at least 0.5m (500mm) between the bulb and any illuminated surface. Spotlights should be positioned well away from curtains and beds to ensure this distance is maintained.

Do not attach to surfaces which are damp, freshly painted or otherwise electrically conductive (e.g. metallic surfaces).

If the location of your new fitting requires the provision of a new electrical supply, the supply must conform with the requirements of the Building Regulations making reference to the current edition of the IEE Wiring Regulations (BS7671).

Use only with a 12V lighting transformer (not supplied).

Do not connect lights directly to the mains.

Do not overload the transformer; check that the total Wattage of all fittings does not exceed the maximum marked on the transformer.

Disconnect the transformer/dimmer from the electrical supply before flash or high voltage testing.

When making connections, ensure that the terminals are tightened securely and that no strands of wire protrude. Check that the terminals are tightened onto the bared conductors and not onto any insulation. Wrap loose terminal blocks well with insulating tape.

This fitting is designed for operation at Safety Extra Low Voltage (SELV); do not connect any part to earth.

## Installation Instructions and Care

You are advised at every stage of your installation to double-check any electrical connections you have made. After you have completed your installation there are electrical tests that should be carried out: these tests are specified in the Wiring Regulations (BS7671) referred to in the Building Regulations. **If in doubt, consult a qualified electrician.**

### Installation

1. Choose the location for your new fitting according to the conditions listed above.
2. Cut a hole of 70mm diameter in your ceiling, **Fig A.**
3. Install your lighting transformer according to the manufacturers instructions.
4. Undo the screw in the centre of the terminal block and lift off the cover.
5. Make the connections to your transformer. Note that the terminals are not polarised i.e. you may connect either wire from the low voltage output of your transformer to either terminal.
6. Attach the bracket complete with terminal block to the body of the fitting and secure using the screw supplied **Fig B.**
7. Holding the spring clips upwards and with the lampholder hanging down through the middle, offer the body of the fitting into the hole and

allow the springs to pull the fitting up to the ceiling **Fig C.**

8. Fit a new bulb to the lampholder, locate the lamp pins in the lampholder and press until fully home.
9. Clip the bulb into the three clips in the back of the bezel **Fig D.**
10. Press the bezel, complete with lamp, up into the fitting until pressed fully up to your ceiling **Fig E.**
11. Restore the power and switch on.

### Energy Efficiency

The following suggestions will help you protect the environment and save money on your electricity bills:

- Always switch lights off when not in use.
- You can often use a lower Wattage bulb than the maximum stated, e.g. if the maximum stated is 60W, try using a 40W. If the maximum stated is 50W, try using 35W etc.

This product is suitable for use with low energy bulbs such as LED lamps. Please use a low energy equivalent in conjunction with an appropriate power supply wherever possible.

Use of a suitable dimmer switch can reduce electricity usage and extend life of 'normal' bulbs. Selected dimmable low energy bulbs are also now available.

