

## Installation Instructions and Care

pull gently on the incoming cable to remove excess cable from inside the fitting and draw the box back to the bottom of the fitting.

7. Replace the brass nut and tighten securely.
8. Fit the lamp.
9. If required, drop a coloured filter into the fitting and allow to rest on the lamp.
10. Replace the glass cover and stainless steel ring. When refitting the cover, ensure that the gasket and glass are located accurately to maintain the protection against ingress of moisture.
11. **IMPORTANT:** Tighten each of the screws a little at a time, each in turn so that all screws are tightened evenly.
12. Press the fitting into the hole ensuring the spring clips hold it securely.
13. Restore the power supply 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 50W, try using a 35W.
- This product is suitable for use with Low Energy bulbs. Please use a Low Energy equivalent wherever possible.

### Safety Markings



### Cleaning

Clean this light fitting with a soft dry cloth.

Disconnect the power and clean the exterior only of this fitting with a moist (not wet) cloth.

The glass lens may be removed and washed in a mild detergent solution. Make sure it is completely dry before putting back on your light fitting.

Do not use any chemical or abrasive cleaners.

If installed in a driveway, take care when using

mechanical cleaning machinery.

### Lamp Replacement

1. Switch off the electricity at the mains.
2. Remove the diffuser by undoing the three hex drive screws and lifting off.
3. Remove and replace lamp
4. Replace the glass cover and stainless steel ring. When refitting the cover, ensure that the gasket and glass are located accurately to maintain the protection against ingress of moisture.
5. **IMPORTANT:** Tighten each of the screws a little at a time, each in turn so that all screws are tightened evenly.
6. Restore the power supply and switch on.

### Replacement Lamp Type

	Wattage	Size/Type	Location
<b>GDL50SS</b>	1W/3W	GU10 LED	1
	9W	GU10 CFL	2
	50W	GU10 halogen	3
<b>GDL53</b>	7W/9W	GX53 CFL	2

### Locations

- 1 - Suitable for use in any location
- 2 - Suitable for use in most locations
- 3 - Suitable for use in locations out of normal reach

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

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

When your CFL or LED lamp 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 the lamp, 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



## SAFETY AND INSTALLATION INSTRUCTIONS

### Models: GDL50SS, GDL53 Stainless Steel Ground/Deck Light

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



### Pack Contents

Ground light fitting x 1  
Hexagonal drive key x 1  
IP44 connection box (GDL50SS only) x 1  
9W CFL (compact fluorescent lamp) (GDL53 only) x 1  
Colour filters (GDL53 only) x 3

# 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 HMSO or viewed and downloaded from [www.communities.gov.uk](http://www.communities.gov.uk) following the link for Building Regulations.

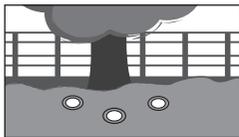
As the buyer, installer and/or user of this product it is your own responsibility to ensure that this fitting is fit for the purpose for which you have intended it. Eterna Lighting cannot accept any liability for loss, damage or premature failure resulting from inappropriate use.

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

Model GDL53 is supplied with a selection of coloured filters to allow you to be more creative with your lighting effects. All coloured filters work by preventing the passage of all colours of light except those that combine to create the colour of the filter therefore the total light output of any light fitting with a colour filter will be reduced in comparison to the same fitting without any filter.

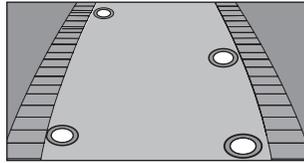
This product is designed and constructed according to the principles of the appropriate British Standard and is intended for normal domestic service. Use of this fitting in any other environment, for example where prolonged periods of use may be expected and/or higher than normal ambient temperatures,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

The British Standard for recessed Ground/Deck lights stipulates that fittings in which temperatures are generated that could cause injury are located out of reach. Use of different lamp types will generate more or less heat and so determine where it would be appropriate to install your fitting:



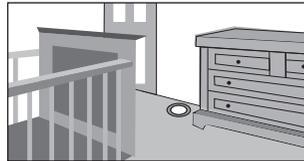
### • 50W GU10 Halogen Lamp

High temperatures may be generated and so if this lamp is to be used, the fitting should be installed out of normal reach. ( $T > 100^{\circ}\text{C}$ )



### • 9W GU10 CFL (compact fluorescent)

Much lower temperatures are generated and so if this lamp is used, the fitting can be installed in most locations. The fitting may be installed where contact with parts having a temperature up to  $65^{\circ}\text{C}$  will not cause injury, for example: a fitting with this lamp might not be suitable for use in a nursery. ( $T < 65^{\circ}\text{C}$ )



### • LED Low Power GU10 Lamps

Where low power LED cluster lamps are used for effect rather than illumination, it is possible that no significant temperature rise would occur in use and so the fitting could be installed in almost any location, including those such as nurseries, where the temperature of the accessible parts of the fitting should be limited to  $40^{\circ}\text{C}$ . As the installer and/or user of this fitting you will need to make your own assessment based on the lamp you intend to use, the environment into which the fitting is to be installed and the risk of the wrong lamp being fitted as a replacement in future. The performance of this fitting in the most sensitive locations cannot be guaranteed because of the contributory effects of the environment, use and lamp. ( $T < 40^{\circ}\text{C}$ )

The lamp (if) supplied with this fitting is a consumable part and therefore may be outside of any warranty offered.

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

Suitable for outdoor use.

This product is suitable for installation on surfaces with normal flammability (indicated by the "F" in a triangle) e.g. wood, plasterboard, masonry. It is not suitable for use on highly flammable surfaces (e.g. polystyrene, textiles).

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

# Installation Instructions and Care

The connection box (model GDL50SS only) must be fixed above the ground in a position where it will not be submerged in standing water e.g. on a fence post or similar. The box is not suitable for burial in soft ground that may become water-logged.

The fitting (model GDL53) has two mains cable entries to allow connection of additional wiring for "looping in" or "daisy chaining". The second cable entry has a blind gland fitted that will need to be pierced before passing cable through. Take care not to make the hole too large, the gland should be a tight fit around the cable before tightening.

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).

Make connections to the electrical supply in accordance with the following code:

Live - Brown or Red  
Neutral - Blue or Black  
Earth - Green and Yellow

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.

This product must be connected to Earth.

It must be possible to remove the fittings after installation for maintenance or in case of fault therefore, we recommend that you do not set the fitting into wet concrete, mortar or similar.

Setting into wet concrete etc can also cause premature deterioration of the finish as these materials can be caustic before setting.

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

### Model GDL50SS

1. Having chosen the location for your new fitting, you will need to prepare a  $92\text{mm}\varnothing$  hole that has a minimum depth of  $115\text{mm}$ . You will also need to have prepared a channel for the supply cable.
2. Remove the glass cover and surround by removing the three hexagonal drive screws with the key (supplied) and lifting off.

3. Thread the supply cable through the route you have prepared.
4. Fit a lamp appropriate to your use and the guidance on surface temperatures given previously.
5. Replace the glass cover and stainless steel ring. When refitting the cover, ensure that the gasket and glass are located accurately to maintain the protection against ingress of moisture.
6. **IMPORTANT:** Tighten each of the screws a little at a time each in turn so that all screws are tightened evenly this will ensure the cover is pulled down evenly and maintains a tight seal so no ingress water can take place (it is the responsibility of installer to ensure cover/bezel is fitted correctly).
7. Press the fitting into the hole ensuring the spring clips hold it securely.
8. Make the connections to the mains supply according to the colour coding above, using the connection box supplied. Ensure that all screws are tightened securely and that all gaskets are correctly located to maintain the protection against ingress of moisture.
9. Fix the connection box securely in position.
10. Restore the power supply and switch on

### Model GDL53

1. Having chosen the location for your new fitting, you will need to prepare a  $102\text{mm}\varnothing$  hole that has a minimum depth of  $115\text{mm}$ . You will also need to have prepared a channel for the supply cable.
2. Remove the glass cover and surround by removing the three hexagonal drive screws with the key (supplied) and lifting off.
3. Thread the supply cable through the route you have prepared.
4. Make the connections to the mains supply according to the colour coding above. Ensure that all screws are tightened securely and that all gaskets are correctly located to maintain the protection against ingress of moisture.
5. If using the second cable entry, remove the blind plug and discard, remove the brass nut and thread the cable through it, pierce the rubber gland and thread the cable through.
6. If connecting a second mains cable, make the connections inside the fitting using the terminal block inside the small black box. Close the box and