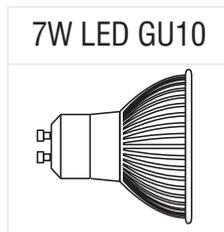


### Fitting/replacing bulbs (Max. 7W LED GU10)

When changing a bulb, always switch off at the mains and allow the bulb to cool before handling. Dispose of used bulbs carefully.

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

To access the bulb, unscrew the lampholder covers. Turn the bulb one quarter turn anticlockwise and remove. Push the new bulb gently into the lampholder and twist a quarter turn clockwise to engage pins. Finally, refit the lampholder cover. Screw on tightly to maintain IP protection.



### Photocell Sensor

• This product is fitted with a photocell. The specification is as follow:

Rated load: Max. 100W~220-240VA

Operating Level:  $\leq 10 \pm 5$  Lux On,  $\geq 30 \pm 10$  Lux Off

Operating Temperature:  $-25^{\circ}\text{C} - +45^{\circ}\text{C}$

• It is normal for the sensor to take several minutes to turn off when the product is first installed. To test "turn on" during daylight hours - cover the sensor with opaque material. The test will take approximately 2 minutes.

### Technical data

Supply Voltage: 220-240 V~, 50 Hz

Bulb Type: 2 x Max. 7W LED GU10 (required)



Conformity with all relevant UKCA Directive requirements.



Conformity with all relevant EC Directive requirements.



This light fitting is Class 1 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.

### Care and Safety

Do not use solvents or abrasive cleaners as these could damage the finish.

In some cases, surface corrosion may arise after installation. This is normally caused by tiny iron particles left behind after the brushing process when finishing.

In normal circumstances, stainless steel is very resistant to corrosion. It does however require maintenance to preserve the high quality appearance. Wash the product with warm soapy water, removing all surface deposits. Rinse with clean water and with a soft cloth, wipe dry.

Then with a soft cloth soaked with a protective oil, wipe all over. If the product is subject to extreme environmental conditions such as marine locations, industrial pollution and acid rain these maintenance procedures should be carried out around four times a year. For severe corrosion, non-abrasive cream cleaners or proprietary stainless steel cleaners should be used to remove the corrosion. Wash and dry as detailed above. Then with a soft cloth soaked with a protective oil, wipe all over.

**Do not clean the units with a pressure washer.**

For your safety, always switch off the power supply before cleaning.

Instruction manual

# Palin Photocell

90130, 95555



90130



95555

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 light fitting is Class 1 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 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 use bulbs carefully and responsibly.

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.

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

## Layout

Cables in walls must be protected using suitable conduit or plastic trunking.

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 section area of 1.0mm<sup>2</sup>

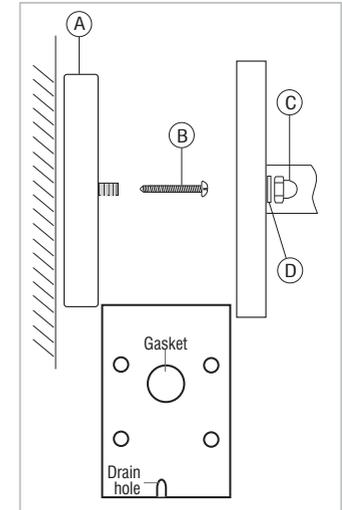
This product has special protection against the ingress of moisture and is IP44 rated.

## 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.

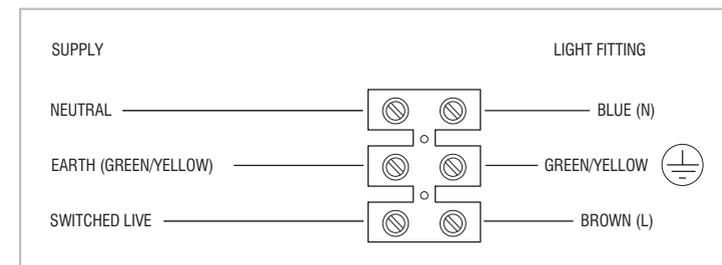
Note that the switch is turned off before installation.

- Remove mounting box (A) from product by removing dome nuts (C) and washers (D). Pull terminal block off of retaining pegs. Carefully pierce a small hole in the rubber gasket in the centre of the mounting box to allow the cable to pass through.
- Thread the cable through the hole, ensuring the drain hole is at the base of the mounting box.
- Fix the mounting box to the wall using the screws and plugs supplied (B). Ensure the wall is capable of holding the weight of the product. Take care to avoid damaging any concealed wiring and pipes. The correct fixings should be used for brick or cavity walls.
- Seal the screw fixings to maintain the IP rating of the fitting.



## 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 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.

## Commissioning

- Ensure that the cable is not snagged and seal to maintain the IP rating of the product.
- Fit the product back on the mounting box and refit washers (D) and dome nuts (C), tighten dome nuts to secure.
- Fit the bulbs, as per the instructions overleaf.
- Replace fuse or circuit breaker and switch on. Your light is now ready for use.