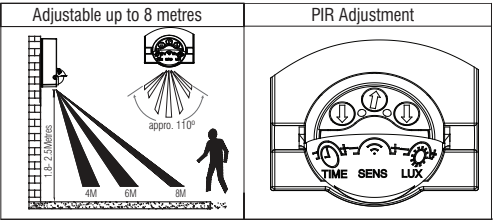


PIR Adjustment

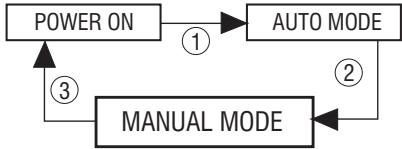
To access the adjustment screws flip down the black cover over the PIR sensor. Take great care when adjusting the sensor screws not to over tighten as they can be easily broken.

- The unit must be installed in a vertical position, and fitted 1.8-2.5m above the ground.
- The PIR sensor can be adjusted, allowing the detection distance to be altered to suit the location. The detection angle is set at 110°. The duration that lamp stays on can also be altered from 5 seconds - 5 minutes. The LUX rang is 10-2000 lux. Use a small screwdriver to adjust the "TIME" and "SENS" screws. When adjusting the sensitivity (detection distance) in daylight it will be necessary to cover the sensor to simulate night time.



The PIR sensor has a **manual override function** which can be operated by taking the following steps:

- When power on, the PIR detector enters into the "WARM-UP" periods for about 1 minute, then automatically change into AUTO MODE.
- During AUTO MODE, by switching the ON/OFF main switch for 2 times within 3 seconds then switch on, the PIR detector will automatically change to MANUAL MODE. In MANUAL MODE, the Lamp(s) will remain ON, in MANUAL MODE the PIR detector is not affected by duration time and Lux control level.
- During MANUAL MODE or AUTO MODE, by switching off the ON/OFF main switch over 6 seconds and then on again, the PIR detector will reset to WARM-UP. Please note: the period of "WARM-UP" maybe be shorter than 1 minute.



Care and Safety

For your safety, always switch off the power supply before changing lightbulbs, adjusting spotlight heads or cleaning.

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

For 75430 and 75431, 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 clear water and with a soft cloth, wipe dry.

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.

Wash and dry as detailed above. Then with a soft cloth soaked with a protective oil, wipe all over. However 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.**

Instruction manual

Palin LED PIR Wall

75430, 75431, 75433, 75435, 75440, 75442, 94793



Thank you for purchasing this light fitting. Please read the instruction carefully before use to ensure safe and satisfactory operation of this product. Please retain these instruction 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 are in any doubt, please consult a qualified electrician.

This light 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 environment.

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 used 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.

Layout

Plan the desired layout of these fittings carefully, ensuring the cables will reach the distances between the junction box and the 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 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 1.0mm².

Cables must be protected using suitable conduit or plastic trunking.

Technical data

Supply Voltage:	240 V~, 50 Hz
Bulb Type:	75431/75435/75442 : 1 x Max. 7W LED GU10 75430/75433/75440/94793 : 2 x Max. 7W LED GU10

CE 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.

IP44 This product is rated at IP44.

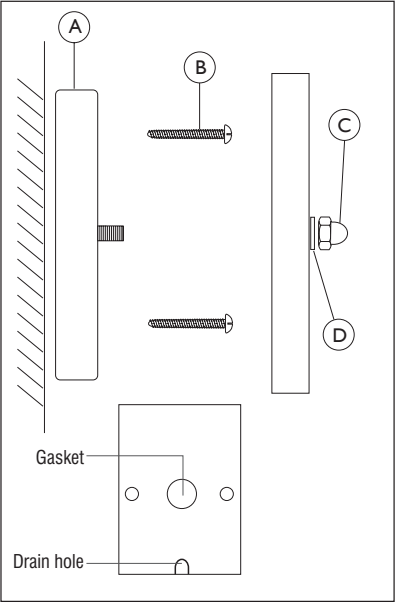
Installation

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.

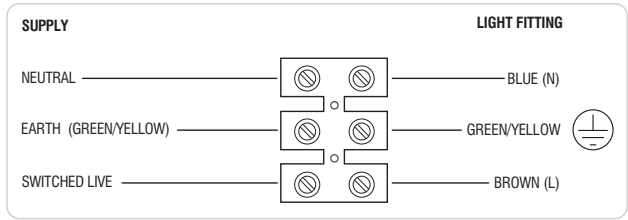
Ensure that the screws and cable entry points are sealed to maintain the IP rating of the product.

- Remove mounting box (A) from the 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.
- Wire as detailed Wiring diagram.
- Fit the product back on to the mounting box and refit washers (D) and dome nuts (C), tighten dome nuts to secure.
- Fit the product back on to the mounting box and refit washers (D) and dome nuts (C), tighten dome nuts to secure.
- Fit the bulbs.
- Replace fuse or circuit breaker and switch on. Your light is now ready for use.



Wiring

Having correctly identified the wiring from your existing light fitting, pull the wire through the hole and connect to the 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

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.

clockwise to engage pins. Finally, refit the lampholder covers. Screw on tightly to maintain IP protection.

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

