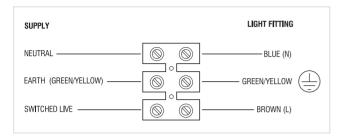
Wiring

Having correctly identified the wiring from your existing light fitting, pull the mains wire through the conduit and connect to the terminal 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.

Technical data

Supply Voltage:

220**-**240V~, 50Hz

Bulb Type:

1 x Max. 15W LED E27 GLS (required)



Conformity with all relevant UKCA Directive requirements.



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.



This product is rated at IP44

Care and Safety

Allow 10 minutes to cool before replacing, adjusting or cleaning.

We recommend cleaning with a soft dry cloth. Do not use solvents or abrasive cleaners as these could damage the finish. For your safety, always switch off the power supply before changing lightbulbs, or cleaning.



The bulb source is protected by the shade. The shade must be replaced immediately should it become cracked or damaged. This fitting must not be used without the shade in place.

V1 19/03/2025

UK Manufacturer: BH17 7BY EU Manufacturer: Brilliant AG, Brilliantstrasse 1, D-27442 Gnarrenburg



Instruction manual

Louvre

97853, CH200E27BK, CH201E27BK, 119100





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 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. Check the pack and make sure you have all the parts listed. Install in accordance with the IEE Wiring regulations and current Building Regulations.

To prevent electrocution switch off at 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 fused circuit.

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. The product will not withstand long period of immersion in water.

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 light fitting.

This product is designed for domestic and commercial use, It should not be used to support other objects or used as a replacement for concrete or metal pillars.

The product must be mounted onto a concrete base or paving slab. It should not be directly installed in the soil.

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 sectional area of 1.0mm².

Cables must be protected using suitable conduit or other protections.

PIR adjustment for 119100 only:

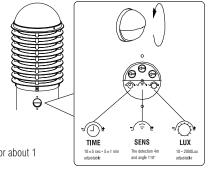
To access the adjustment screws flip down the black cover over the PIR sensor. Take great care when adjusting the sensor screws not to over tighten as they can be easily broken.

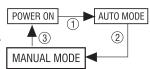
- The unit must be installed in a vertical position.
- The PIR sensor can be adjusted, allowing the detection distance to be altered to suit the location. The detection 4m and angle is set at 110°. The duration that lamp stays on can also be altered from 10±5 sec - 5±1 min. The LUX rang is 10-2000 Lux. Use a small screwdriver to adjust the "TIME" and "LUX" 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 into MANUAL MODE from
 AUTO MODE. In MANUAL MODE, the Lamp(s) will remain ON, in MANUAL MODE the
 PIR detector 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 periods. Please note: the periods of "WARM-UP" maybe be shorter than 1 minute.





Photocell data for 97853 only

50±10Lux On. 100±10Lux Off

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.

- Refet to below diagram to complete the base installation
- Position the right angle root kit 81014 (not supplied) as shown in the below diagram.
 Use the base of the unit for alignment.
- Position the conduit so that the cable comes up that the centre point of the bollard. Ensure that the cables do not snag.
- Double check that the fixings line up with the holes in the base of the fitting before concreting into position, and allow to set.
- Pull the terminal block from inside of the tube, Connected the incoming mains as per the wiring diagram. then push the terminal block up into of the tube.
- Fit the fitting to the base by the washers and dome nuts, tighten dome nuts to secure.
- Fit the bulb, unscrew the shade and insert the bulb.
- Screw the shade back in place.
- Replace fuse or circuit breaker and switch on. Your light is now ready for use.

