

Technical data


Supply Voltage: 220-240V~, 50Hz | Output: Constant voltage 12V DC, 500mA, Max 6W.

Bulb Type: 13889----10 x 0.45W LED module(SMD), 6500K This product contains a light source of energy efficiency class **G**.
13890----10 x 0.45W LED module(SMD), Blue



UKCA Conformity with all relevant UKCA Directive requirements.

CE Conformity with all relevant EC Directive requirements.

 The power supply is Double Insulated and does not require connection to an Earth circuit.

 Class III product - designed to be supplied from a SELV (Separated or Safety Extra-Low Voltage) power source.

 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 not suitable for dimming.

 This product is rated at IP67.

Care and Safety

We recommend cleaning with a soft dry cloth. Do not use solvents or abrasive cleaners as these could damage the finish.

To prolong the life and condition of the product, it is recommended that periodically it is cleaned using a soft cloth followed by the application of a light coating of oil, such as WD40.

Do not clean the units with a pressure washer.

Live Voltages may be present in the transformer even when turned off or when completely disconnected.

For your safety, always switch off the supply before maintaining the system.

Instruction manual

Ikon Round LED Kit

13889, 13890



For further information, please visit <https://www.lighting-info.co.uk/13889>

V7 31/05/2023
UK Manufacturer: BH17 7BY
EU Manufacturer: Brilliant AG,
Brilliantstrasse 1, D-27442 Gnarrenburg

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www.saxbylighting.com

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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

 The power supply is Double Insulated and does not require connection to an Earth circuit.

The LED units are Safety Extra Low Voltage and must not 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.

This system operates at Safety Extra Low Voltage (12V), via a transformer. Never connect the light fittings directly to the mains without using a transformer. Ensure that the supplied transformer is used.

The mains plug must be situated indoors (e.g. house, garage, shed) in order to protect it from the elements.

Do not exceed the transformer load. Transformers may require a minimum load to operate.

Always disconnect the transformer from the mains when installing or maintaining this system.

This system contains non-replaceable parts and cannot be serviced. If damage occurs the part should be scrapped.

This product is rated at IP67. They are suitable for installation in very wet areas, but must not be permanently submerged.

The transformer must not be installed directly in the soil, but placed in a protective box.

Rated maximum surface temperature is 100 °C.

The resistant to static loads is 5KN for 1 mintue. Do not let plants grow close to the lamp. This product is not suitable for drive-over, carriageways, parkings, etc.

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 fitting carefully, ensuring the cables will reach distances between the out door transformer, the outdoor junction box and each light fitting..

Avoid locating any cables in positions that would cause a trip hazard. Position cables and junction box away from areas where they may be at risk from being cut, trapped or damaged.

The mains plug must be situated indoors. The kit can be wired into an IP67 external terminal block. This must be carried out by a competent and qualified electrician.

The transformer and junction box are rated at IP67 and can be positioned outdoors.

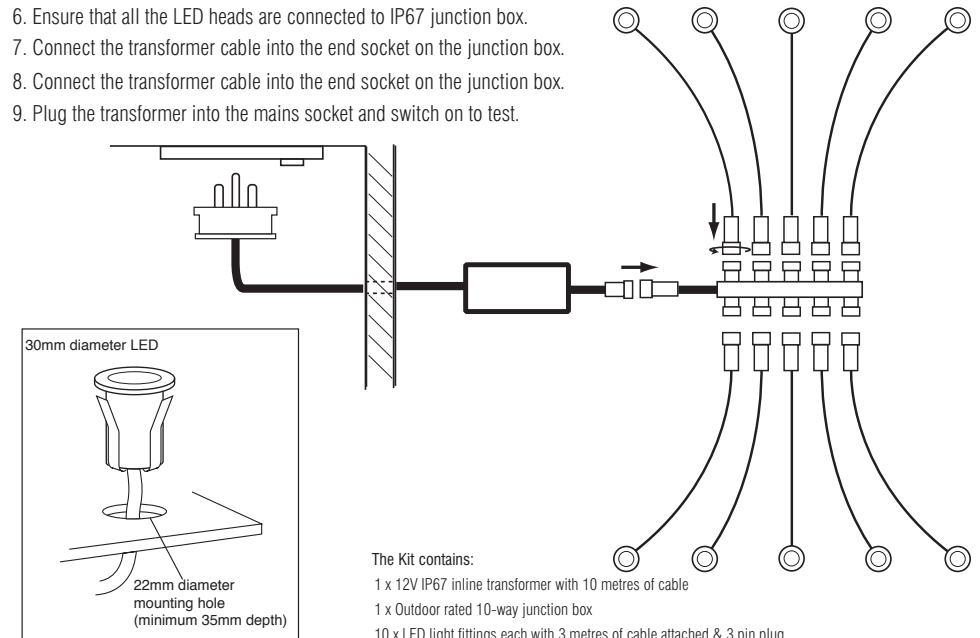
These fittings should not be installed/mounted in concrete.

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.

This LED lighting kit is designed for indoor and outdoor installation for use in patios, in walls, on decking, step edges, in pathways and in other areas of the garden.

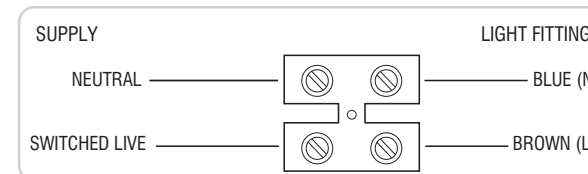
1. Position the plug next to the indoor mains outlet socket that the system will connect to. Do not plug-in at this stage.
2. After deciding the layout of the light fittings, and the positon of the junction box, ensure the cables are long enough to connect to the desired positions.
3. Drill the mounting holes for the light units taking care not to damage any pipes or mains cables beneath the mounting surface. drill a 22mm clearance hole, Minimum hole depth is 35mm. It is always recommended to cut the hole slightly smaller than the size specified, and then file the hole until the recessed unit fits snugly.
4. Feed the plug and cable of each light unit through the mounting holes and push unit into the hole to secure.
5. Connect each LED light to the junction box ensuring each plug is fully screwed into the junction box sockets.
6. Ensure that all the LED heads are connected to IP67 junction box.
7. Connect the transformer cable into the end socket on the junction box.
8. Connect the transformer cable into the end socket on the junction box.
9. Plug the transformer into the mains socket and switch on to test.



Wiring

If not using the supplied plug then the product must be wired to an IP67 (or higher rated) terminal block (recommended terminal block ref. 90131/90132).

Having correctly identified the wiring from your existing light fitting, connect to the approved outdoor rated external 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.