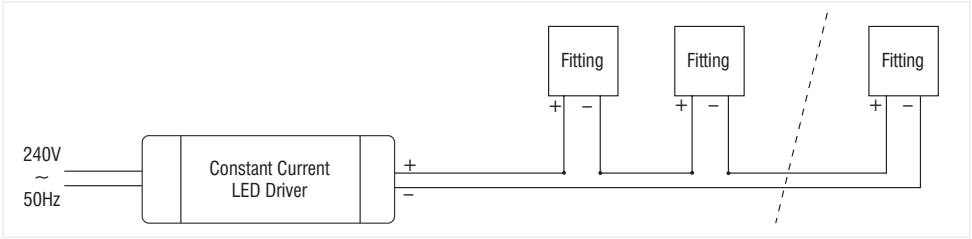
Commissioning

- This product should be connected to the fittings that are being powered in **series** configuration. The diagram below shows example fittings connected in the correct configuration.
- Pay particular attention to the number of units being fitted and the total wattage of these units. We recommend that the unit only drives up to 10W maximum.
- Run the cable to the first LED unit. Using an appropriate terminal block (not supplied) then connect the unit(s) in the configuration shown.
- Replace fuse or circuit breaker and switch on. Your LED driver is now ready for use.



- Always switch off or disconnect from the mains when cleaning the product.
- We recommend cleaning with a soft dry cloth. Never use scourers, abrasives or chemical cleaners.
- Do not allow moisture to come into contact with electric parts.

Recycling advice

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.

Safety information

- This system contains non-replaceable parts and cannot be serviced. If damage occurs the part should be scrapped.
- For your safety, always switch off the supply before cleaning.

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

V2 17/06/2021

Instruction leaflet

LED Driver Constant Current

43816

saxby lighting

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 LED driver is Double Insulated and does not require connection to an Earth circuit.

Please read these instructions carefully before commencing any work.

This unit must be fitted by a competent and qualified electrician.

Install in accordance with 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.

This light fitting should be connected to a fused circuit.

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

This product cannot be dimmed.

This product is rated at IP20.

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.

Specification

Input Voltage	:	220V – 240V 50 – 60Hz a.c
Output Voltage	:	12W 350mA Max Constant Current
Cable	:	0.75 to 2.5mm squared
Operating Temp	:	-20˚C to +50˚C
Case Temp (tc)	:	85˚C
Power Factor	:	0.8

Layout

- Plan the desired layout of this fitting carefully, ensuring the cables will reach the distances between the LED driver and each LED fitting.
- Ensure that there is adequate ventilation for the LED driver.
- Avoid locating any cables in positions that would cause a hazard. Position cables away from areas where they may be at risk from being cut, trapped or damaged.
- Cables that are to be in walls must be protected using suitable conduit or plastic trunking.
- When laying the cables out be aware that voltage drop on the low voltage side can be a factor. Use a good quality low resistance cable and arrange the layout so that the mains cable is the longer length. We recommend that a maximum total cable length of 5.0m is used on the low voltage side.

Direct Wiring

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**.

- Position the LED driver next to the mains outlet that the system will connect to. Do not connect at this stage. Ensure that the LED driver can be accessed for any future maintenance requirements.
- Remove the cover to access the wiring terminals. Pay particular attention as to which is mains (PRI) and which is the low voltage side (SEC).
- Connect the low voltage wiring first. Connect the red wire to the positive terminal, and the black wire to the negative terminal.
- Ensure that the connections are tight, and that no loose strands have been left out of the connection block.
- Connect the mains supply wiring, ensuring that brown cable (Live) goes to the L connector and that the blue cable (Neutral) goes to the N connector.
- Ensure that the connections are tight, and that no loose strands have been left out of the connection block.
- Replace the cover ensuring that the cable is gripped properly.

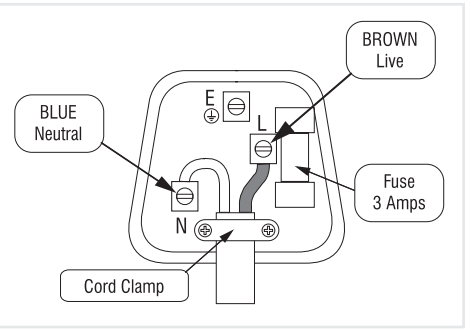
Plug Wiring

This LED driver is double insulated and must not be earthed.

- The LED Driver can also be fitted to a rewireable 3 pin plug fitted with a 3 amp fuse. Should the fuse require replacement, it must be replaced with a fuse rated at 3 amp and approved to BS1362.
- If the mains plug is unsuitable for the socket outlet or is removed for any other reason, then the cut off plug should be disposed of safely to prevent the hazard of electric shock.
- There is a danger of electric shock if the cut off plug is inserted into any 13 amp socket outlet.
- The wires in the mains lead on this appliance are coloured in accordance with the following code:

  Blue – Neutral

  Brown – Live
- Use a 3 Amp Fuse approved to BS1362.



Check that...

- You have correctly identified the wires.
- The connections are tight.
- No loose strands have been left out of the connection block.