

## Care and Cleaning \_\_\_\_\_

We recommend cleaning with a soft dry cloth.

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

## 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 \_\_\_\_\_

For your safety, always switch off the supply before changing lightbulbs, or cleaning.

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



Saxby Lighting Ltd. BH23 3PE

# saxby

lighting



## Constant Current LED Driver 350mA I-15W

13751

Thank you for purchasing this LED driver.  
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 IP43.  
This product is not suitable for location in or near a marine environment.  
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          | : | 220V – 240V 50 – 60Hz a.c.   |
| Output         | : | 48.5V d.c. 350mA constant current 15W  |
| Cable          | : | Primary: H03VVH2-F 2 x 1.0 to 1.5mm squared<br>Secondary: H03VVH2-F 2 x 1.0 to 1.5mm squared |
| Operating Temp | : | -15 degrees C to +50 degrees C   |

## 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 an issue. Use a good quality low resistance cable and arrange the cables so that the mains cable is the longer length. We recommend that a maximum total cable length of 5.0m is used.

## Installation

- 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 covers 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 covers ensuring that the cable is gripped properly.
- Replace fuse or circuit breaker and switch on. Your LED driver is now ready for use.

## Check That

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

## Wiring

- 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 13W 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.

