

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 unit is 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 IEE Wiring regulations and current Building Regulations.

This system operates at Safety Extra Low Voltage, via a 350mA constant current LED driver. Never connect the light fittings directly to the mains without using a constant current LED driver.

Always unplug the LED driver 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.

These products cannot be dimmed.

This product is rated at IP68, maximum operating depth 2.0m.

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.

### Layout:

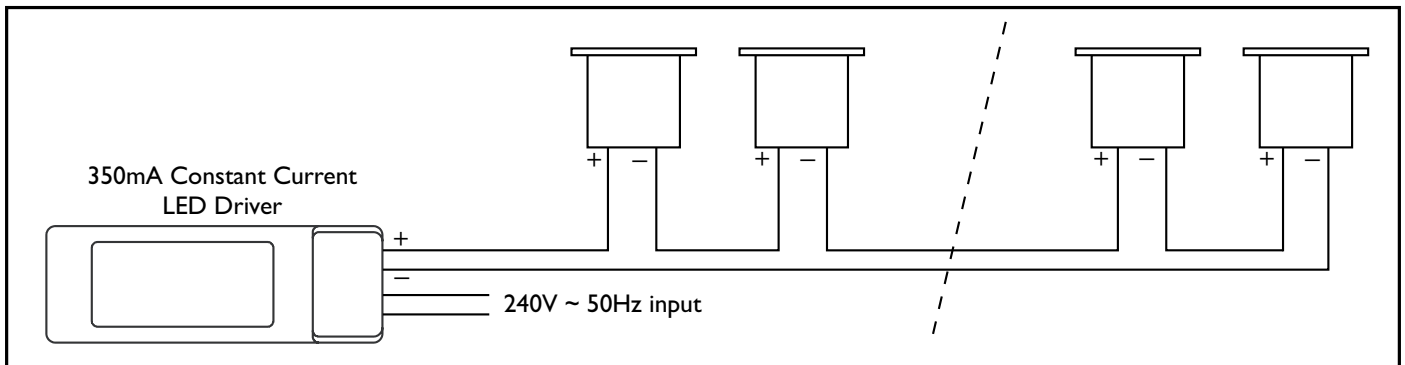
- Plan the desired layout of this fitting carefully, ensuring the cables will reach the distances between the transformer and each light fitting.
- Ensure that there is adequate ventilation for the fitting and the transformer.
- Avoid locating any cables in positions that would cause a hazard. Position 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.

### Installation:

1. Position the LED driver next to the mains outlet that the system will connect to. Do not connect at this stage. Ensure that the transformer can be accessed for future maintenance requirements.
2. After deciding the layout of the light fittings ensure that the cables are long enough to reach to the desired positions.
3. Cut the mounting holes for the light unit(s) taking care not to damage any pipes or mains cables beneath the mounting surface. The hole size needs to be 50-55mm diameter and a minimum of 40mm deep.
4. Thread the cable of the LED unit through the mounting hole. Compress the stainless steel springs and push unit into the hole to secure.
5. We recommend the use of a 350mA LED driver (not supplied). This unit will run up to six units that have been wired in series.
6. When wiring the units suitable outdoor rated connector blocks must be used.

## Wiring:

1. If installing the transformer outside, ensure proper precautions are taken with regard to waterproofing.
2. The products must be wired in **series**. The diagram below shows the wiring configuration that must be followed.
3. Remove the cover from the LED driver. Connect the output cable to the terminals indicated. Run the cable to the first LED unit. Using an appropriate terminal block then connect the unit in the configuration shown.
4. Ensure that the connections are tight, and that no loose strands have been left out of the connection block.
5. Continue to wire up all the other units as shown.
6. Connect the mains supply wiring as shown, ensuring that you have correctly identified the wires. Ensure that the connections are tight, and that no loose strands have been left out of the connection block.
7. Replace the cover on the LED driver.
8. Replace fuse or circuit breaker and switch on. Your light is now ready for use.



## Care and Cleaning:

Finish - Clean with a soft dry cloth. Do not use abrasive materials as these will damage the finish.

## Safety Information:

For your safety, always switch off the supply before cleaning or maintaining the units.



Saxby Lighting Ltd. NW10 7UL