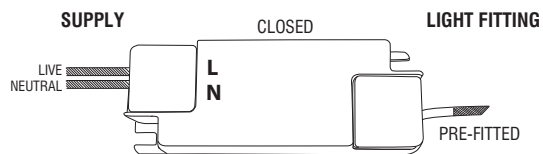
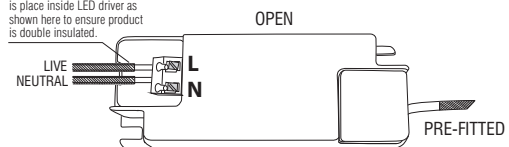


## Wiring

Having correctly identified the wiring from your existing light fitting, pull the mains wire through the hole and connect to the connection block inside the LED driver in the following way:



Ensure outer cable insulation is placed inside LED driver as shown here to ensure product is double insulated.



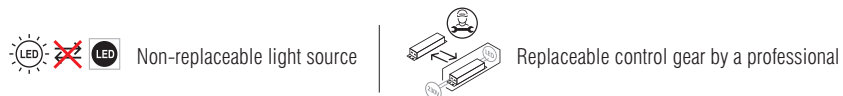
### Check that...

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: 6W LED module (SMD), CCT 3000/4000/6000K  
This product contains a light source of energy efficiency class **D**.



Conformity with all relevant UKCA Directive requirements.



Conformity with all relevant EC Directive requirements.



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



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.



This product can be dimmable when using with dimmable driver.

## Care and Safety


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 cleaning.

For further information, please visit <https://www.lighting-info.co.uk/90955>



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

 This light fitting 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 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, via the supplied LED driver. Never connect the light fittings directly to the mains without using the supplied LED driver.

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

To prevent electrocution switch off at the 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 fitting must always be fitted to a plasterboard ceiling. This must not be fitted to a plaster and lath ceiling.

Cables must be protected using suitable conduit or plastic trunking.

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 each LED driver and the light fitting.

Ensure that there is adequate ventilation for the LED driver.

Avoid locating any cables in positions that would cause a hazard. Position cables and junction boxes (not supplied) away from areas where they may be at risk from being cut, trapped or damaged.

The mains supply cable must have a minimum cross section area of 1.0mm<sup>2</sup>.

This product must be mounted out of arms reach.

## 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.

The ceiling surface must be flat and smooth to ensure a good fit.

After deciding the layout of the light fittings ensure that the cables are long enough to connect to desired positions.

When more than one downlight is installed, the minimum distance between units is 500mm. the unit must be located a minimum distance of 50mm from a joist.

- Cut a mounting hole 105mm diameter in the ceiling taking care not to foul any pipes, mains cables or joists beneath the surface (**Ref. Fig.1**). 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.
- Ensure a minimum ceiling void depth of 36mm is available.
- Ensure free movement of air by removing void insulation from at least 150mm from around the hole. Under no circumstances must these fittings and LED driver be covered with insulating matting or similar material.
- Push the spring clips upwards and fit into the ceiling hole. (**Ref. Fig. 2**).
- Push the unit up until firmly in position, ensuring that no cables are trapped. (**Ref. Fig. 3**).
- Ensure that the product is sitting properly in the hole.
- Replace fuse or circuit breaker and switch on. Your light is now ready for use.

Fig. 1

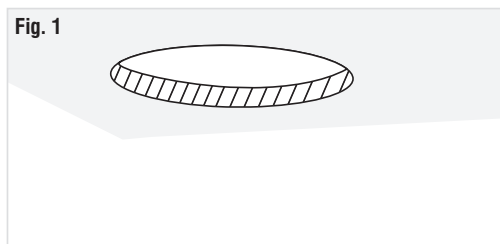


Fig. 2

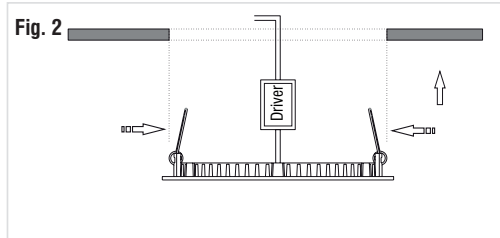
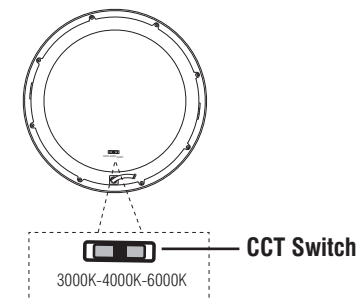
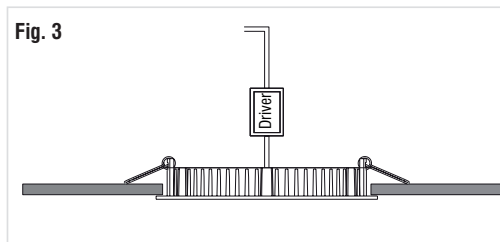


Fig. 3



This product is color changing and can be either warm white (3000K) or cool white (4000K) or daylight white (6000K).

**Choose your preferred colour before installing by using the CCT switch back of the product.**