Technical data

Supply Voltage: 220-240 V~, 50 Hz

Bulb Type: 6W LED Module, 500Lm

This product contains a light source of energy efficiency class **F**.

Non-replaceable light source | Non-replaceable control gear

Conformity with all relevant UKCA Directive requirements.

Conformity with all relevant EC Directive requirements.

This product 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 suitable for dimming with LED compatible dimmer switches.

This product is fire rated to 30, 60 & 90 minutes.

This product is rated at IP65.

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.

Manufactured by Saxby Lighting

UK: BH17 7BY

EU: Brilliant AG, Brilliantstrasse 1, D-27442 Gnarrenburg

23/04/2026

Instruction leaflet

CosmosEco Recessed

617RE, 566RE, 424RE, 582RE, 150RE, 709RE, 714RE, 467RE, 579RE, 833RE, 695RE, 869RE, 377RE, 823RE, 261RE, 140RE

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 light fitting is double insulated and does not require connection to an earth circuit.
An earth terminal is provided to terminate incoming earth only.

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.

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 product complies with Building Regulations Part B and is suitable for use in 30, 60 & 90 minute fire rated ceilings.

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

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 the transformer and each light fitting.

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^2.

Cables must be protected using suitable conduit or plastic trunking.

The unit must be located a minimum distance of 50mm from a joist.

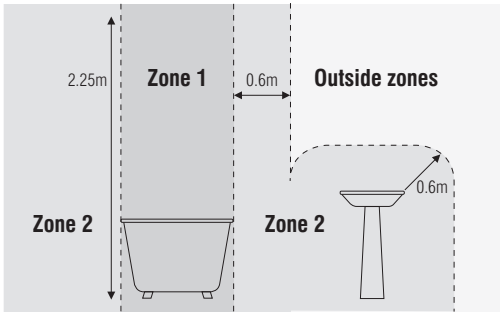
The distance between units must be 0.5m minimum.

This product must be mounted out of arms reach.

This product is suitable for covering with insulation 270mm.

This product is suitable for use in zones 1 and 2 and outside zones of a bathroom. Please see diagram.

If this unit is being fitted in zone 1 in a room containing a bath or shower, a 30mA RCD must be used - in accordance with IEE regulations.



The downlight bezel is marked IP65 and is rated for exposure to moisture when fitted to the ceiling surface.
The terminal block is rated IP20 as this has no special protection against moisture as it will be located inside the ceiling void.

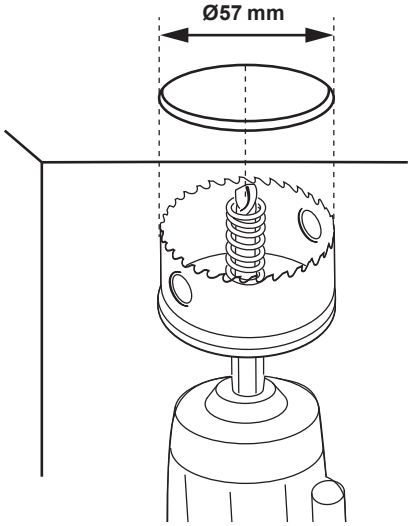
Installation

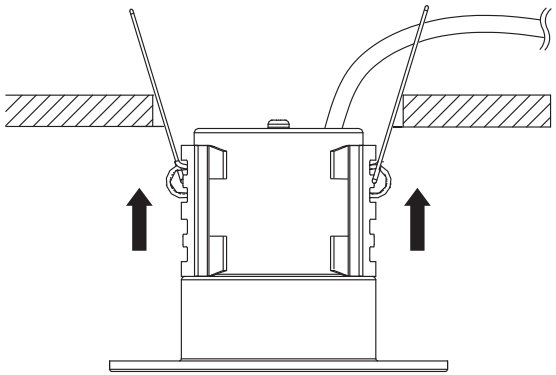
Existing fittings must be completely removed before installation of a new product. Before removing the existing fitting, carefully note the position of each set of wires.

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

Note that the switch is turned off before installation.

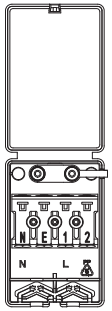
- After deciding the layout of the light fittings ensure that the cables are long enough to connect to desired positions.
- Cut a mounting hole 57mm diameter in the ceiling taking care not to foul any pipes, mains cables or joists beneath the surface. It is always recommended to cut the hole slightly smaller than the size specified, and then file the hole until the recessed unit fits snugly.
- Ensure a minimum ceiling void depth of 65mm is available.
- Pull the mains wire through the hole and open the cover of connection box to wire as shown below.
- Push the spring clips upwards and fit into the ceiling hole, then push the unit up until firmly in position, ensuring that no cables are trapped. Ensure that the product is sitting properly in the hole.
- Replace circuit breaker and switch on. Your light is now ready for use.

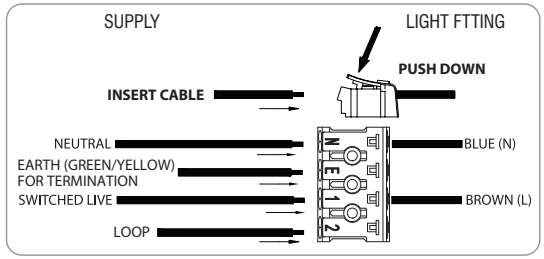




Wiring

Unclip the cover from the quick fit connection case. Having correctly identified the wiring form your existing light fitting, pull the mains wire through the hole and connect to the connection block inside the quick fit connection case in the following way. No tools are necessary.





Check that...

You have correctly identified the wires.

The connections are tight.

No loose strands have been left out of the connection block.

The cover on the connection box has been replaced.