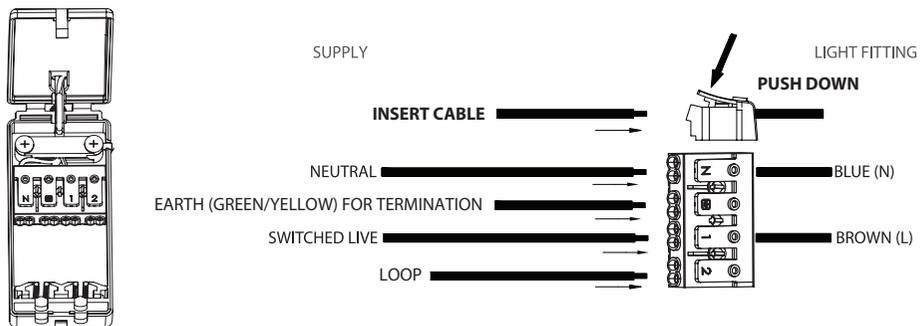


Wiring

- Unclip the cover from the quick fit connection case. 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 quick fit connection case in the following way. No tools are necessary.

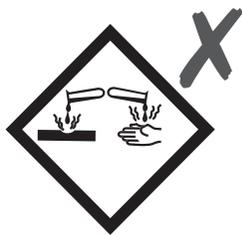
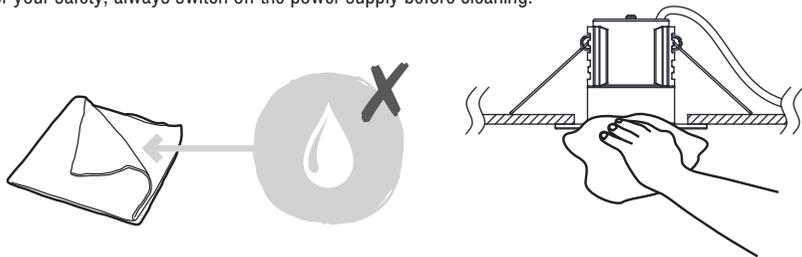


Check that...

- 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.

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.



Instruction leaflet

ShieldECO 500 CCT

78519



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

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.

Check the pack and make sure you have all of the parts listed.

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 must be connected to a fused circuit.

If replacing an existing fitting, make a careful note of the connections.

This product is suitable for covering with insulation 270mm.

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

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

The external flexible cable or cord of this luminaire cannot be replaced. If the cord is damaged, the luminaire must be destroyed.

This product is suitable for dimming.

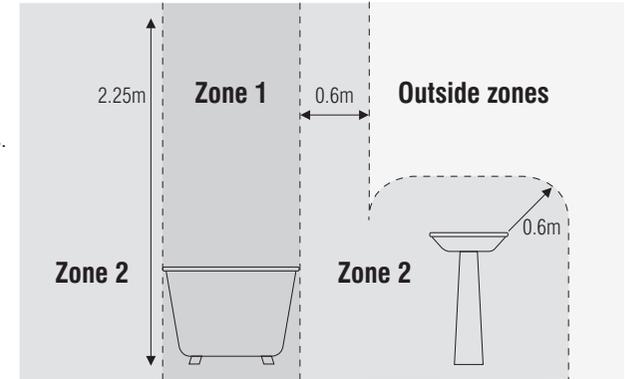
Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.

Technical data

Supply Voltage:	240 V~, 50 Hz
Bulb Type:	LED (4W) SMD 2835 CCT 3000K 4000K 6000K
	The light source of this luminaire is not replaceable; when the light source reaches its end of life the whole luminaire shall be replaced.
	Conformity with all relevant EC Directive requirements.
	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.
	The power supply is Double Insulated and does not require connection to an Earth circuit.
	Minimum distance from lighted objects (0.5 metres)
IP65	This product is rated at IP65.

Layout

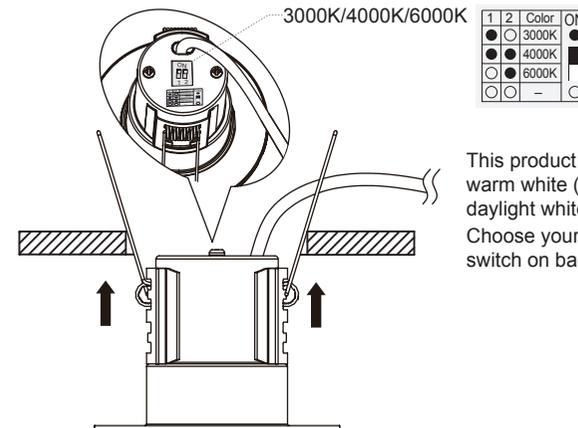
- Plan the desired layout of these fittings carefully, ensuring the cables will reach the distances between each light fitting.
- Avoid locating any cables in positions that would cause a hazard. Position cables and junction boxes (not supplied) away from areas where they may be at risk from being cut, trapped or damaged.
- This product is suitable for use in Zone 1, Zone 2 and outside Zones in a bathroom. See diagram. If this unit is being fitted in a room containing a bath or shower, a 30mA RCD must be used - in accordance with IEE regulations.



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.
- The minimum ceiling void depth is 90mm. 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 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.
- 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.
- Switch on. Your light is now ready for use.



This product is colour 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 switch on back of the product.