

Non-Maintained Emergency Kit for downlights

Please read these instructions thoroughly before use and retain for future reference.

The emergency kit for downlights is a self-adhesive LED pad non-maintained emergency luminaire that will only operate in the event of a cut in the supply power.

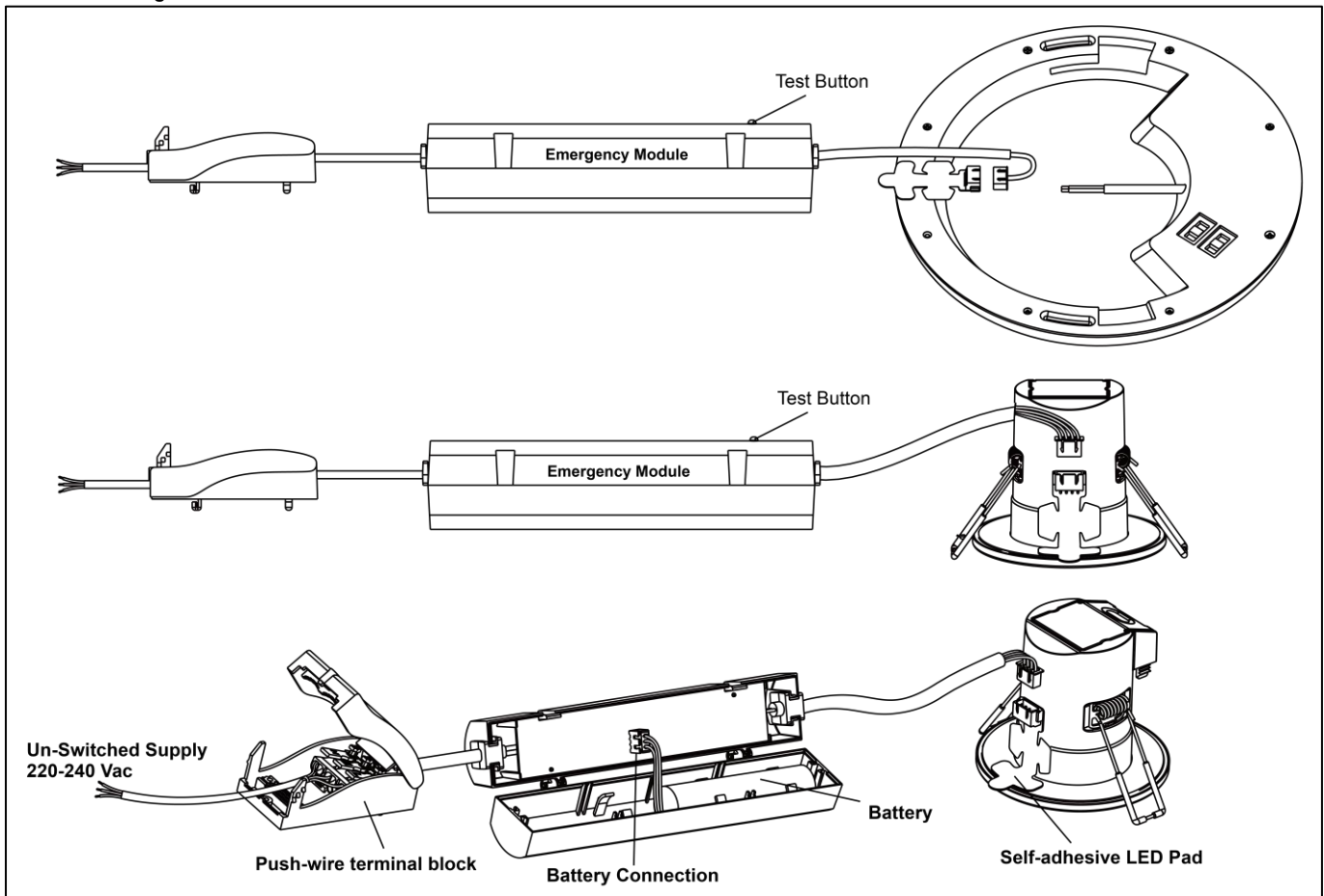
Safety Information

- Installation must be carried out in accordance with national building and wiring regulations.
- If you are in any doubt about installing this product, please consult a qualified electrician.
- This product is suitable for connection to a 220-240Vac 50/60Hz supply.
- This is a **class II IP20** rated product for indoor use and does not require an Earth though a terminal marked **E** is provided for Earth continuity

Note - IP65 rated when installed with a recessed downlight.

- Do not use the emergency kit if the cable is damaged.
- The emergency kit is not suitable for use on a battery supply with a trickle or intermittent re-charging circuit.
- The emergency kit is not protected against supply voltage polarity reversal.
- Insulation between the emergency module supply and battery circuit is double insulation.
- The recharging device will recharge the battery normally after removal of a battery short-circuit
- When cutting holes, drilling or screwing take care not to damage existing wiring or pipework.

Installation Diagram



Installation Information

- The emergency downlight provides power in the event of a cut in the supply and must be wired to the un-switched supply.
- Before commencing installation, turn off and isolate the circuit to be worked on by removing the fuse or switching the circuit breaker off at the distribution board.
- Refer to the downlight packaging for the cut-out hole size and cut hole as required.
- Remove the terminal cover and connect the supply wires to the terminals as follows:
L – Un-switched Live, N – Neutral, E – Optional Earth Continuity
- Stick the self-adhesive LED pad to the downlight, then connect the emergency module outputs to the self-adhesive LED pad as shown in the diagram.
- **The battery is supplied disconnected.** To connect or replace the battery, disconnect the emergency module from the supply, open the cover on the emergency module and connect the battery to the circuit board connector.
- Write the commissioning date on the battery label.
- Ensure that all electrical connections are tight with no loose strands.
- Place the emergency module in the ceiling void.
- Pull the downlight springs back to fit through the hole in the ceiling and clip into place.
- Reconnect the power and check that the green LED indicator illuminates on the self-adhesive LED pad to show the battery is charging.
- The battery leaves the factory in a charged state but may take up to 24 hours to fully charge for a 3 hours test. Charge for 5 minutes before performing a functional test to ensure there is some charge in the battery.
- A quick functional test can be performed by pressing the test button on the emergency module.
- To fully test the emergency function, the un-switched supply will need to be turned off.
- Replace the battery when the luminaire fails to meet the 3 hours duration requirement in testing.



The Waste Electrical & Electronic Equipment Regulations (WEEE) requires that products bearing this symbol must not be disposed of with household waste as they may contain substances harmful to the environment. The Local Authority can provide advice on recycling.