

LIFE RECESSED EMERGENCY PACK INSTRUCTIONS

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THANK YOU for purchasing this product. To help ensure it gives complete satisfaction please install it according to these instructions and then pass the instructions to the appropriate person for retention and future reference.

SAFETY This is a mains voltage powered product. It is designed to be installed by suitably qualified personnel only and in accordance with the applicable building and electrical regulations. Before installation or maintenance, the electrical supply to the product must be isolated. **N.B. The product is Class II.**

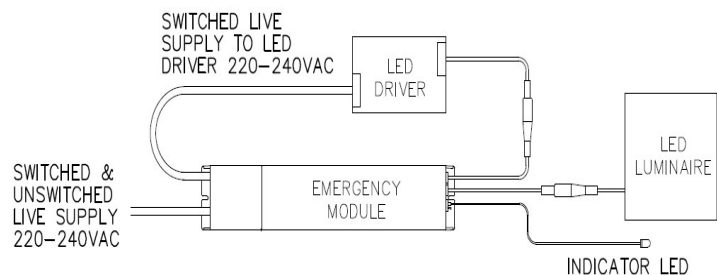


INSTALLATION SUPPORT If installation advice or accessories are required, please contact us at the above address. When reporting a suspected fault or seeking installation support, the problem is likely to be resolved more quickly if you have full product details to-hand, as well as details of when and where it was purchased.

INSTALLATION

The Recessed Emergency Pack has been designed to work with certain NVC luminaires. Please enquire for compatibility to product ranges.

1. Pass the switched & permanent mains supply cable down through the chosen aperture in the ceiling.
2. **N.B. The emergency pack comes with the battery disconnected. THE BATTERY MUST BE CONNECTED BEFORE USE. To do this Lift the battery compartment lid and push-fit the 2way polarized female battery connector onto the 2way male connector. Once done reclip the cover.**



3. On the Emergency pack, unclip the incoming terminal block cover to expose the terminal block.
4. Route the switched & Permanent live supply cables to the terminal block and terminate ensuring correct polarity is observed.
Note: There is an earth terminal provided to enable the use of twin & earth cable for earth continuity on the circuit.
5. Restrain the cable (on outer insulation) using the cable clamp provided & then clip the terminal block cover back in position.
6. Disconnect the LED driver from the LED luminaire by unplugging the twist lock connector (rotate and pull apart) and re-connect to the driver connection lead on the emergency pack as shown on the wiring diagram.
7. Wire the switched Live supply out from the emergency pack to the LED driver observing correct polarity.
8. Connect the LED luminaire to the LED luminaire connection lead on the emergency pack by using the twist lock connectors (push fit and rotate).
9. Install the Green Indicator LED next to the fitting aperture, using the bezel provided (fits to 20mm diameter hole).
10. Locate the LED Driver & Emergency pack into the ceiling void.
11. Offer the chosen luminaire up to the aperture, then finish installing the luminaire in line with the installation instructions provided.

Note! – When used with LED panels, locate the LED driver and the M3 pack away from the edge of the panel and keep a gap of approximately 10cms between them.

12. Reconnect the power supply & check for correct operation.

Note! DO NOT INSULATION TEST.

13. When the power supply is reconnected, check that the indicator LED is green to ensure the battery is charging.
14. The battery should be allowed to charge for at least 24 hours, uninterrupted before carrying out a full discharge test to check that the full rated duration is satisfied.

******* IMPORTANT WARNING *******

This unit includes Lithium-Iron Phosphate cells (LiFePO4) in its battery pack. These batteries require close monitoring and protection circuitry to operate safely.

The battery is non-replaceable, please replace the full product when it is no longer able to provide its full rated duration of 3 hours.

MAINTENANCE

1. When the lamp operates from the battery supply it will be at a reduced light level. Please ensure cleanliness of luminaires is maintained so as not to affect performance.

TESTING FOR EMERGENCY LUMINAIRES

Recommended routine test procedures in line with BS 5266 & BS EN 50172:2004

Monthly Functional Test

- Simulate a mains supply failure by isolating the circuit (ensuring if it is safe to do so) or by way of a test key switch if fitted into the circuit.
- Do this for a period of time sufficient to check that the luminaire illuminates in maintained mode.
- Once complete, ensure the normal supply is restored & that the green LED charge indicator illuminates.
- Log result/comments in the building Logbook.

Annual Discharge Test

- Simulate a mains supply failure by isolating the circuit (ensuring if it is safe to do so) or by way of a test key switch if fitted into the circuit.
- This should be for the full rated duration period for the luminaire, e.g., the reference M3 = Maintained for 3 hours
- Check that the luminaire illuminates in maintained mode & remains illuminated for the full rated duration period.
- Once complete, ensure the normal supply is restored & that the green LED charge indicator illuminates.
- Log result/comments in the building Logbook.