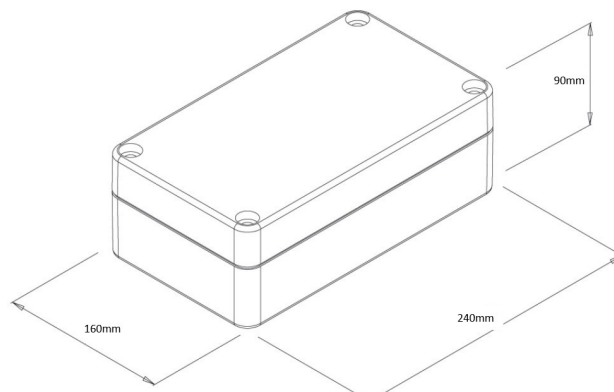
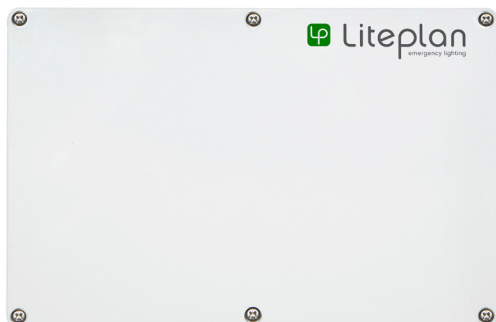


Technical Specification

NLP/1/FDR/WP200-R

Remote LED Conversion Range



- IP54 Enclosure
- Deep Discharge Protection
- Low Power Consumption
- Long Life LiFePO₄ Batteries
- Average Emergency Power - 2.2W
- Suitable for 200mm (or greater) Aperture
- Module 3rd Party Tested and Certified by TÜV
- Designed to House Some Mains Drivers
- Features Battery Temperature Protection

There are 2 main versions available -

The NLP/1/FDR/WP200-R range is supplied as a remote conversion kit for remote use away from the luminaire in damp or wet locations.

A 3-hour emergency lighting conversion kit which operates with Long Life LiFePO₄ batteries. The unit is designed to fit a free issued mains driver. The NLP/1/FDR/WP200-R automatically adjusts the output LED current to provide the best match between the battery and the load, providing maximum illumination whilst ensuring full battery duration.

The charger will cut-off if the T_c of the battery falls below 0 degrees C or above 55 degrees C. The product will however operate when required in emergency, providing there is enough capacity remaining in the battery.

Order Codes

NLP/1/FDR/WP200-R	For LED loads operating in the Voltage range of 6 - 55 Volts. Designed to house most mains drivers for maintained operation.
NLP/1/80/WP200-R	For LED loads operating in the Voltage range of 6 - 79 Volts. Designed to house most mains drivers for maintained operation.

Technical Details:

Mains Supply	230-240V AC 50/60 Hz	Max Ta and Tc	Ta = 40 °C & Tc = 55 °C
Power Rating (EM Only)	3.2W 35mA λ = 0.40	Battery Temp. Parameters	0 °C to 55 °C
Duration	3-Hours	Battery Discharge Current	900mA nominal
Recharge Period	24-Hours	Discharge Voltage Limit	2.4 Volts
Battery Size & Type	3.2V 3.8Ah LiFePO ₄	Ingress Protection	IP54 (IP65 with gasket)
Charge Current	225mA nominal	Terminal - Push Wire	0.5mm ² - 1.5 mm ²
Weight	0.65Kg	Dimensions (LxWxH)	240mm x 160mm x 90mm

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