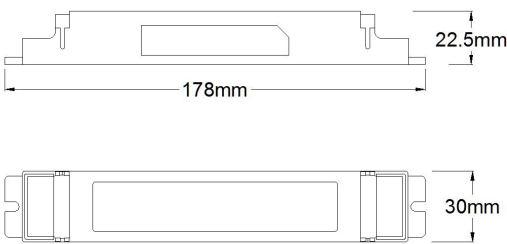
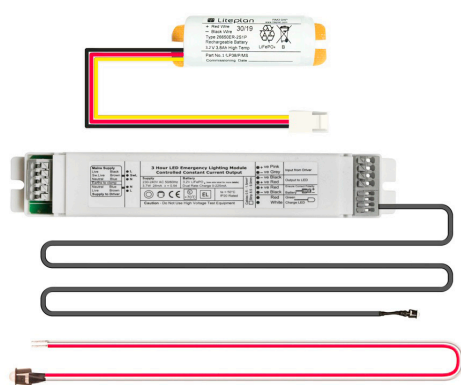


Technical Specification
NLP/1 -
LED Conversion Range



Fixing Centres 172mm

- Slim Module Suitable for Linear Applications
- Deep Discharge Protection
- Low Power Consumption
- Long Life LiFePO4 Batteries
- Average Emergency Power - 2.2W
- 3rd Party Tested and Certified by TÜV
- Module TM65.2 Rating - 5.75kg CO²e
- Battery TM65.2 Rating - 1.02kg CO²e
- Features Battery Temperature Protection

There is one main version available -

The NLP/1 range is supplied as a conversion kit for integral use within a luminaire.

A 3 hour emergency lighting conversion kit which operates with Long Life LiFePO4 batteries. The unit is designed to suit an extremely wide range of LED types and circuits. The NLP/1 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 Tc 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-K	For LED loads operating in the Voltage range of 6 - 55 Volts.
	For integral use

Technical Details:

Mains Supply	230-240V AC 50/60 Hz	Max Ta and Tc	Ta = 50 °C & Tc =70 °C
Power Rating (Charging)	2.7W 17mA λ = 0.67	Battery Temp. Parameters	0°C to 55 °C
Power Rating (Charged)	1.2W 13mA λ = 0.40	Battery Discharge Current	900mA nominal
Duration	3-Hours	Charge Current	225mA nominal
Recharge Period	24-Hours	Discharge Voltage Limit	2.4 Volts
Battery Size & Type	3.2V 3.8Ah LiFePO4 Cell	Ingress Protection	IP20
Terminal - Push Wire	0.5mm ² - 1.5 mm ²	Module Weight	0.085Kg
Battery Weight	0.11Kg	Module Dimensions (LxWxH)	178 x 30 x 22.5 (f/c 172mm)
		Battery Dimensions (LxØ)	90mm x 28mm

* Following its initial charge, the NLP/1 will spend 90% of its operational life in standby mode.