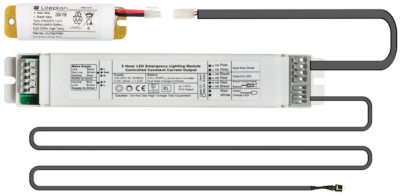
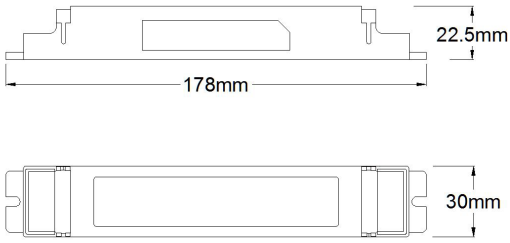
Technical Specification
NLP/1 - LED Conversion Range

LiFePO4





Fixing Centres 172mm

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

- Slim Module Suitable for Linear Applications
- Deep Discharge Protection
- Low Power Consumption
- Long Life LiFePO4 Batteries
- Average Emergency Power - 2W

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 batteries used with this unit not only provide double the life of traditional emergency lighting batteries, but consume far less power during their operational life.

There are 2 main versions available -

Order Codes

NLP/1-K	For LED loads operating in the Voltage range of 6 - 55 Volts.
	For integral use
NLP/1/80-K	For LED loads operating in the Voltage range of 6 - 79 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	3.2W 35mA λ = 0.40	Max Battery Tc	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 LiFePO4 Cell	Ingress Protection	IP20
Charge Current	Dual Rate 0-250mA	Terminal - Push Wire	0.5mm^2 - 1.5 mm^2
Module Weight	0.085Kg	Module Dimensions (LxWxH)	178 x 30 x 22.5 (f/c 172mm)
Battery Weight	0.11Kg	Battery Dimensions (LxØ)	90mm x 28mm

Tel +44 (0)1708 372223 | www.liteplan.com | customerservice@liteplan.com | RM3 0AP. UK

Liteplan reserve the right to change colour, price or specification without prior notice

ISS 020719

LiFePO4