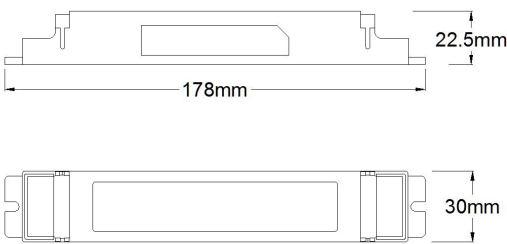
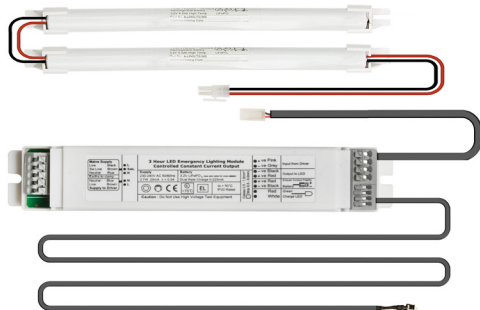


Technical Specification
NLP/2S/80 -
LED Conversion Range



Fixing Centres 172mm

The NLP/2S/80 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 - 5.5W
- 3rd Party Tested and Certified by TÜV
- Features Battery Temperature Protection

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/2S/80 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.

There is one main version available -

Order Codes

NLP/2S/80-K	For LED loads operating in the Voltage range of 10 - 80 Volts. For integral use
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Technical Details:

Mains Supply	230-240V AC 50/60 Hz	Max Module Ta and Tc	Ta = 50 °C & Tc = 70 °C
Power Rating (Charging)	3.8W 23mA λ = 0.69	Ingress Protection	IP20
Power Rating (Standby)	1.3W 13mA λ = 0.43	Battery Temp. Parameters	0 °C to 55 °C
Duration	3-Hours	Battery Discharge Current	1000mA nominal
Recharge Period	24-Hours	Discharge Voltage Limit	5.0 Volts
Battery Size & Type	6.4V 4.8Ah LiFePO4	Charge Current	225mA Nominal
Terminal - Push Wire	0.5mm ² - 1.5 mm ²	Module Weight	0.085Kg
Battery Weight	0.274Kg	Module Dimensions (LxWxH)	178 x 30 x 22.5 (f/c 172mm)
		Battery Dimensions x2 (LxØ)	230mmx24mmx21mm (f/c 215mm)

