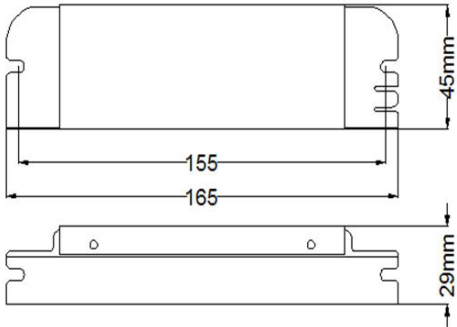
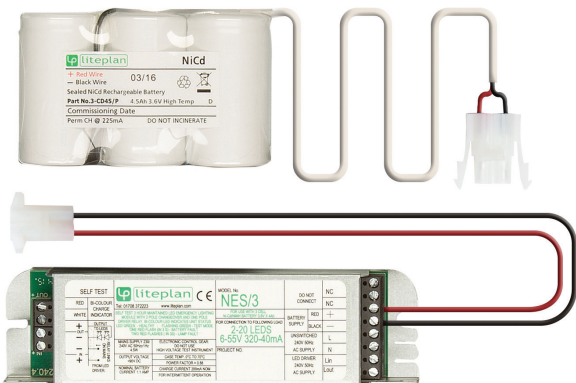


Technical Specification
NES/3 Self-Test Conversion Range



The NES/3 range is supplied as a conversion kit for integral use within a luminaire. If required, it can be provided within a suitable remote enclosure where space inside the fitting is limited.

- Standalone Self-Test Operation
- Deep discharge protection
- Automatically Provides Maximum BLF to Load
- High Temperature NiCd Batteries
- Converts LED Loads from 6-80 Volts
- Can be Provided in Various Remote Enclosures
- Higher Output Versions Available
- Average Emergency Power - 2.6W

A Self-Test 3 hour emergency lighting conversion kit which operates with high temperature NiCd batteries. The unit is designed to suit an extremely wide range of LED types and circuits. The NES/3 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.

Please see separate datasheets for Remote Enclosure details.

There are 2 main versions available -

Order Codes

NES/3-K	For LED loads operating in voltage range of 6 - 55 Volts. For integral use.	NES/3/80-K	For LED loads, operating in voltage range of 6 - 80 Volts. For integral use.
NES/3/TP60	As above, housed in two part enclosure	NES/3/80/TP60	As above, housed in two part enclosure
NES/3/SP98	As above, housed in single enclosure	NES/3/80/SP98	As above, housed in single enclosure

Technical Details:

Mains Supply	230-240V AC 50/60 Hz	Max Ta and Tc	Ta - 50 °C - Tc - 70 °C
Power Rating	26mA $\lambda = 0.88$	Max Battery temperature	55 °C
Duration	3 Hours	Battery Discharge Current	1000mA nominal
Recharge Period	24-Hours	Discharge Voltage Limit	2.5 Volts
Battery Size & Type	3.6V 4.5Ah NiCd Cells	Ingress Protection	IP20
Charge Current	200mA	Terminal - Screw & Push	0.5mm ² - 2.5 mm ²
Battery Cut-Off Voltage	3V	Module Dimensions (LxWxH)	165x 45 x 29 (f/c 155mm)
Kit Weight	0.69Kg (M-0.29 B-0.40)	Battery Stick Dimensions (LxØ)	220 x 38 (f/c 205mm)