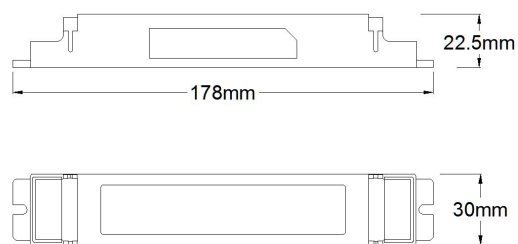
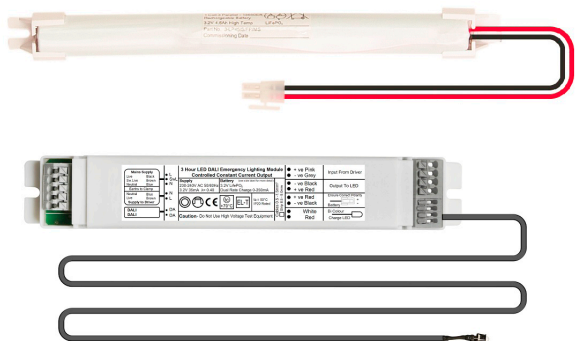


# Technical Specification

## DNA/1S/80 - DALI Self-Test Conversion Range



Fixing Centres 172mm

The DNA/1S/80 range is supplied as a conversion kit for integral use within a luminaire.

- Slim Module Suitable for Linear Applications
- Slim Battery for Linear Profiles
- Deep Discharge Protection
- Low Power Consumption
- Long Life LiFePO4 Batteries
- Average Emergency Power - 2.3W
- DALI Self-Test Conversion Module
- Operates with the LiteMesh Wireless System
- 3rd Party Tested and Certified by TÜV
- Module TM65.2 Rating - 6.42kg CO<sup>2</sup>e
- Battery TM65.2 Rating - 1.32kg CO<sup>2</sup>e

A 3 hour DALI self-test emergency lighting conversion kit which operates with Long Life LiFePO<sub>4</sub> batteries. The unit is designed to suit an extremely wide range of LED types and circuits. The DNA/1S/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 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 is one main version available -

### Order Codes

**DNA/1S/80-K**

For LED loads operating in the Voltage range of 6 - 80 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)	2.8W 17mA λ = 0.67	Max Battery Tc	55 °C
Duration	3-Hours	Battery Discharge Current	1A nominal
Recharge Period	24-Hours	Discharge Voltage Limit	2.4 Volts
Battery Size & Type	3.2V 4.8Ah LiFePO4 Cell	Ingress Protection	IP20
Charge Current	225mA Nominal	Terminal - Push Wire	0.5mm <sup>2</sup> - 1.5 mm <sup>2</sup>
Module Weight	0.1Kg	Module Dimensions (LxWxH)	178 x 30 x 22.5 (f/c 172mm)
Battery Weight	0.19Kg	Battery Dimensions (LxWxH)	230mm x 22mm x 21mm