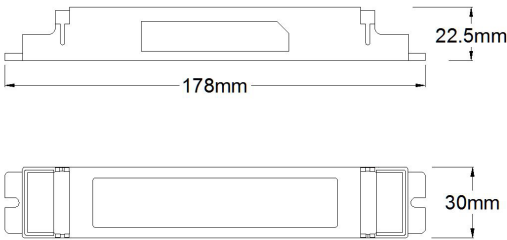
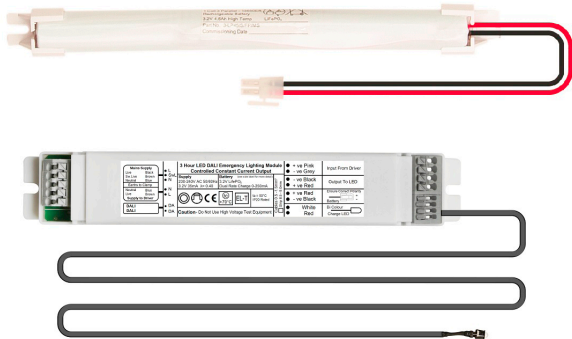


Technical Specification  
**D2N/1S** -  
DALI-2 Self-Test Conversion Range



Fixing Centres 172mm

The D2N/1S 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 - 2.6W
- DALI-2 Self-Test Conversion Module
- Operates with the LiteMesh Wireless System
- Module TM65.2 Rating - 6.42kg CO<sub>2</sub>e
- Battery TM65.2 Rating - 1.32kg CO<sub>2</sub>e
- Features Battery Temperature Protection

A 3 hour DALI-2 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 D2N/1S 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, should there be enough capacity remaining in the battery.

There is one main version available -

Order Codes

D2N/1S-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 $\lambda= 0.70$	Battery Temp. Parameters	0°C to 55 °C
Power Rating (charged) *	1.4W 12mA $\lambda= 0.48$	Battery Discharge Current	1100mA nominal
Duration	3-Hours	Terminal - Push Wire	0.5mm <sup>2</sup> - 1.5 mm <sup>2</sup>
Recharge Period	24-Hours	Discharge Voltage Limit	2.4 Volts
Battery Size & Type	3.2V 4.8Ah LiFePO <sub>4</sub> Cell	Ingress Protection	IP20
Charge Current	225mA Nominal	Module Weight	0.1Kg
Battery Weight	0.19Kg	Module Dimensions (LxWxH)	178 x 30 x 22.5 (f/c 172mm)
		Battery Dimensions (LxWxH)	230mm x 22mm x 21mm

\* Following its initial charge, the D2N/1S will spend 90% of its operational life in standby (charged) mode.