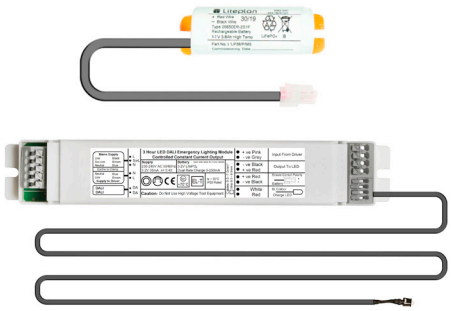
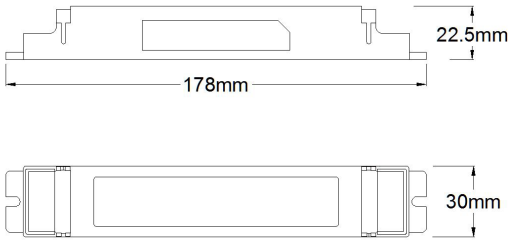
Technical Specification
D2N/1 -
DALI-2 Self-Test Conversion Range





Fixing Centres 172mm

The D2N/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 - 2.2W
- DALI-2 Self-Test Conversion Module
- Operates with the LiteMesh Wireless System
- Module TM65.2 Rating - 6.42kg CO_2e
- Battery TM65.2 Rating - 1.02kg CO_2e

A 3 hour DALI-2 self-test 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 D2N/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 is one main version available -

Order Codes

D2N/1-K	For LED loads operating in the Voltage range of 6 - 55 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= 0.70	Max Battery Tc	55 °C
Power Rating (charged) *	1.4W 12mA λ= 0.48	Battery Discharge Current	950mA nominal
Duration	3-Hours	Terminal - Push Wire	0.5mm² - 1.5 mm²
Recharge Period	24-Hours	Discharge Voltage Limit	2.4 Volts
Battery Size & Type	3.2V 3.8Ah LiFePO4 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)	90mm x 26.5mm x 28mm

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