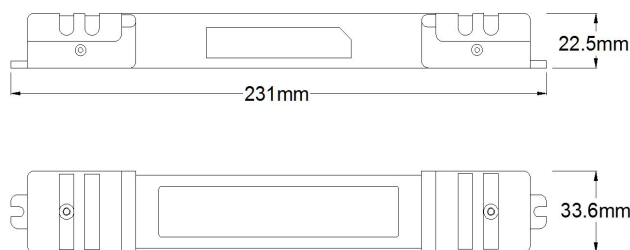
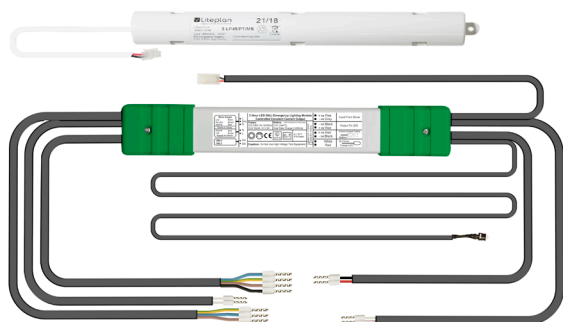


# Technical Specification

## D2N/1S/TP40-R - DALI-2 Self-Test

### Two Part Remote Conversion Range



Fixing Centres 224mm

- Slim Module Suitable for Smaller Apertures
- Deep Discharge Protection
- Low Power Consumption
- Long Life LiFePO<sub>4</sub> Batteries
- Average Emergency Power - 2.6W
- DALI-2 Self-Test Conversion Module
- TM65.2 Rating - 9.85kg CO<sub>2</sub>e
- Features Battery Temperature Protection

There is one main version available -

## Order Codes

D2N/1S/TP40/R	For LED loads operating in the Voltage range of 6 - 80 Volts.
	For remote 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 (charging)	1.4W 12mA $\lambda = 0.48$	Battery Discharge Current	1100mA nominal
Duration	3-Hours		
Recharge Period	24-Hours	Discharge Voltage Cut off	2.4 Volts
Battery Size & Type	3.2V 4.8Ah LiFePO <sub>4</sub> Cell	Ingress Protection	IP20
Charge Current	225mA nominal	Ferruled Cables	0.5mm <sup>2</sup> & 0.75 mm <sup>2</sup>
Module Weight	0.12Kg	Module Dimensions (LxWxH)	231 x 33.6 x 22.5 (f/c 224mm)
Battery Weight	0.18Kg	Battery Dimensions (LxØ)	220mm x 32mm

\* Following its initial charge, the D2N/1S/TP40 will spend 90% of its operational life in standby (charged) mode

The D2N/1S/TP40/R range is supplied with strain relief cables for mounting remotely from the luminaire.

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/TP40/R 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.