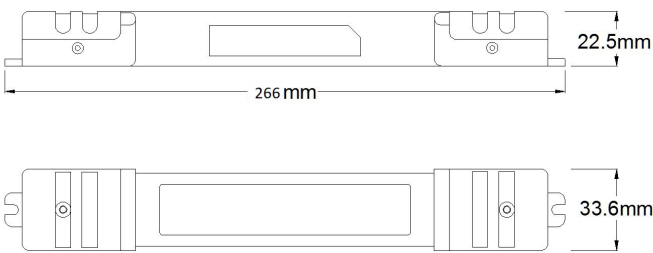
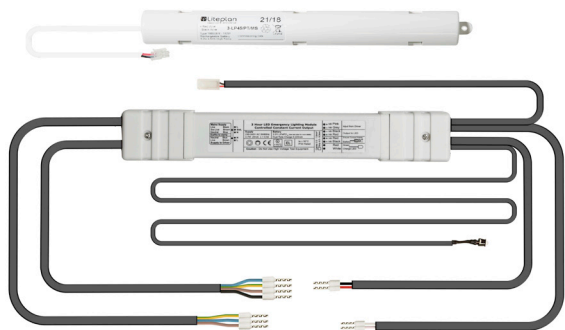


Technical Specification
TLP/1S/TP40 -
LED Conversion Range



Fixing Centres 259 mm

The TLP/1S/TP40 range is supplied as a conversion kit for remote use where there is insufficient space inside the luminaire for the control gear. The two part arrangement passes through an aperture of 40mm, or greater.

- Slim Module Suitable for Small Apertures
- Operates Loads in the Voltage Range 50-300V
- Deep Discharge Protection
- Low Power Consumption
- Average Emergency Power Output - 2.4W
- Passes Through an Aperture of 40mm
- 3rd Party Tested and Certified by TÜV
- TM65.2 Rating - 10.48kg CO²e
- Features Battery Temperature Protection

A 3-hour 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 TLP/1S/TP40 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, providing there is sufficient capacity remaining in the battery.

There is 1 main version available -

Order Codes

TLP/1S/TP40 For LED loads operating in the Voltage range of 50 - 300V. Supplied as a module with strain relief cables, 3-cell battery in rigid housing and green charge indicator with ceiling mounting bezel.

Technical Details:

Mains Supply	230-240V AC 50/60 Hz	Max Module Ta and Tc	Ta = 50 °C & Tc = 70 °C
Power Rating (charging)	2.5W 15mA λ = 0.7	Battery Temp. Parameters	0 °C to 55 °C
Power Rating (standby)	1.3W 9mA λ = 0.6	Battery Discharge Current	900mA nominal
Recharge Period	24-Hours	Discharge Voltage Limit	2.4 Volts
Battery Size & Type	3.2V 4.8Ah LiFePO ₄ Cell	Ingress Protection	IP20
Charge Current	225mA Nominal	Ferrule Gauge	1.5mm ²
Module Weight	0.14Kg	Module Dimensions (LxWxH)	266 x 33.6 x 22.5 (f/c 259mm)
Battery Weight	0.16Kg	Battery Dimensions (LxWxH)	220.5mm x 32mm x 28.1mm

*After its initial charge, the TLP/1S/TP40 will spend 90% of its operational life in the standby mode