



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.

- Slim Module Suitable for Small Apertures
- Operates Loads in the Voltage Range 60-300V
- Deep Discharge Protection
- Low Power Consumption
- Long Life LiFePO4 Batteries
- Average Emergency Power - 2.3W

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 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 are 2 main versions available -

## Order Codes

**TLP/1S-K** For LED loads operating in the Voltage range of 60 - 300V. For integral use. Supplied as a module, slim 3-cell battery and green charge indicator with mounting collar.

**TLP/1S/TP40** For LED loads operating in the Voltage range of 60 - 300V. For remote use. Supplied as a two part remote kit with strain relief cables, cased battery and green charge indicator with mounting collar.

## Technical Details:

Mains Supply	230-240V AC 50/60 Hz	Max Ta and Tc	Ta - 50 °C - Tc - 70 °C
Power Rating (charging)	2.5W 15mA $\lambda = 0.7$	Max Battery Tc	55 °C
Power Rating (standby)	1.3W 9mA $\lambda = 0.6$	Battery Discharge Current	1000mA nominal
Recharge Period	24-Hours	Discharge Voltage Limit	2.4 Volts
Battery Size & Type	3.2V 4.5Ah LiFePO4 Cell	Ingress Protection	IP20
Charge Current	Dual Rate 0-250mA	Ferrule Gauge	1.5mm <sup>2</sup>
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 will spend 90% of its operational life in the standby mode