



The TED/4 range is supplied as a conversion kit for integral use within a luminaire. If required, it can be provided within a suitable remote enclosure where space inside the fitting is limited.

- LED Conversion Module
- Deep discharge protection
- Operates High Voltage Loads
- High Temperature NiCd Batteries
- Converts LED Loads from 50-250 Volts
- Can be Provided in Various Remote Enclosures
- Powers Some Mains Voltage Loads (e.g. GU10)
- Operates Some Mains LED Tubes (ask for details)

A 3 hour emergency lighting conversion kit which operates with high temperature NiCd batteries. The unit is designed to suit an extremely wide range of LED types and circuits between 50 and 250 volts forward. The TED/4 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.

Please see separate datasheets for Remote Enclosure details.

There are 4 versions available -

## Order Codes

<b>TED/4-K</b>	For LED loads, operating in voltage range of 50 to 250 volts forward. For integral use.
<b>TED/4/TP60</b>	As above, housed in two part IP20 rated enclosure (see separate datasheet)
<b>TED/4/SP98</b>	As above, housed in single IP20 rated enclosure (see separate datasheet)
<b>TED/4/IP54</b>	As above, housed in single IP54 rated enclosure (see separate datasheet)

## Technical Details:

Mains Supply	230-240V AC 50/60 Hz	Max Ta and Tc	Ta - 50 °C - Tc - 70 °C
Power Rating	23mA $\lambda = 0.85$	Max Battery temperature	55 °C
Duration	3 Hours	Battery Discharge Current	1000mA nominal
Recharge Period	24-Hours	Discharge Voltage Limit	2.5 Volts
Battery Size & Type	4.8V 4.5Ah NiCd Cells	Module Ingress Protection	IP20
Charge Current	200mA	Terminal - Screw & Push	1.0mm <sup>2</sup> - 1.5 mm <sup>2</sup>
Battery Cut Off Voltage	4V	Module Dims (LxWxH) mm	165 x 45 x 29 (f/c 155)
Kit Weight	0.75Kg (M-0.29 B-0.46)	Battery Stick Dim (LxØ) mm	280 x 38 (f/c 265)