

ZTK CONVERSION KITS

Emergency lighting conversion equipment for 4-Pin fluorescent lamps

The conversion kit range has been developed to operate fluorescent lamps at optimum battery voltages, within the parameters set by lamp makers.

The type is compatible with all known high frequency ballast types, allowing operation with most fluorescent lamps from 4 to 100 watts. The range comprises a set of modules; each set up to drive a particular group of lamps. The ZTK range is fully ENEC & CE Marked in compliance with the EMC Directive for both mains healthy and mains failed modes.

Separate special kits, not listed in this document, are available for ultra low profile T5 luminaires.



ZTK 6 cell, conversion kit (supplied with battery wiring & charge LED monitor).

SPECIFICATION

| | |
|-----------------------------|---|
| Mains Voltage: | 230 / 240 Volts AC |
| Mains Frequency: | 50 Hz |
| Mains current | 50 mA max |
| Battery | High temperature nickel cadmium |
| Recharge Period | 24 hours |
| Charge current | 200mA nominal |
| Emergency Duration: | 3 Hours |
| Changeover Voltage | In Compliance with IEC 598 2-22 |
| Module Case Temp. Range | 0 – 70°C (ICEL 1001 T _{Life} 65°C) |
| Battery Temp (Intermittent) | 0 – 70°C |
| Battery Temp (Continuous) | 0 – 55°C |
| Dimension LWD (mm): | |
| Inverter | 215 x 39 x 29 |
| Remote enclosure | 431 x 112 x 44 |
| Weight of Module | 0.39Kg |
| ZTK3 | Modules using 3 x D cell NiCad |
| ZTK4 | Modules using 4 x D cell NiCad |
| ZTK5 | Modules using 5 x D cell NiCad |
| ZTK6 | Modules using 6 x D cell NiCad |



Kit in remote enclosure with wire loom: ZTW version

See table 1 for ballast lumen factor v for lamp ranges