

■ Specifications

Operating Input Voltage	220 - 240 Vac, 50 - 60Hz
Power Charging Time	<10Hrs (4.8V/2200mAh Battery Pack)
Battery Charging Current	550mA
Battery Discharge Time	>2Hrs (4.8V/2200mAh Battery Pack)
Battery Discharge Current	700mA at 4.8Vdc (Typical)
Supply Current	90mA - 120mA *
Output Voltage	6Vdc (Open Circuit Voltage at AC Mode) 105Vdc (Battery Mode)
Protection System	Low voltage cut-off Isolated Battery Charging Supply Voltage Constant battery status monitoring Basic Insulation
Mains Voltage Change Over Threshold	According to EN 60598-2-22
Operating Temperature	20 to 50 °C > 2Hrs Battery Discharge <20°C > 1Hr Battery Discharge
Wire Preparation/Cross Section	AWG 18-22 \otimes 0.327 to 0.789mm ² □
Dimension	209mm (L) X 39mm (W) X 28mm (H)

* at 230Vac/50Hz T8 tube and battery connected

■ Battery Pack

Technology of Battery	Rechargeable
Type Designation	NiMH
Capacity	2200 mAh
Voltage	4.8V Typical
Maximum Charge Current	0.25C
Minimum Charge Current	0.005C
Charge Voltage Limits	5.8V Max
Maximum Discharge Current	0.3C
Minimum Discharge Current	0.1C
Discharge Voltage Limits	3.2V Min
Temperature Rating	0 ~ 50 deg C
Type and Manufacturer	GP 220SCHT

■ Switching Behavior

L (Unswitched)	L1 (Switched)	Ballast Lumen Factor	Battery Operation
ON	OFF	0%	Charging if battery is not fully charged
ON	ON	100%	Charging if battery is not fully charged
OFF	Don't Care	10%	Battery discharging

LEP50H Emergency LED Control Gear Instruction Guide

■ Product Information

The AZ e-lite™ LEP50H is an emergency LED control gear which adds emergency lighting functionality to the LT8B-EP T8 tube series when installed together. All the logic control/monitoring/housekeeping is done by the LEP50H.

■ Features and Benefits

Emergency lighting conversion kit support – When paired with AZ-elite™ LEP50H Emergency Light conversion kit, LED T8 tube function as an emergency lighting in Maintained, Non-Maintained or Combine mode.

Ease of maintenance and spare part inventory – One common model of LED T8 tube for both normal and emergency lighting application. One common Emergency Lighting conversion kit that support various lengths of LED T8 tubes (2FT, 4FT and 5FT).

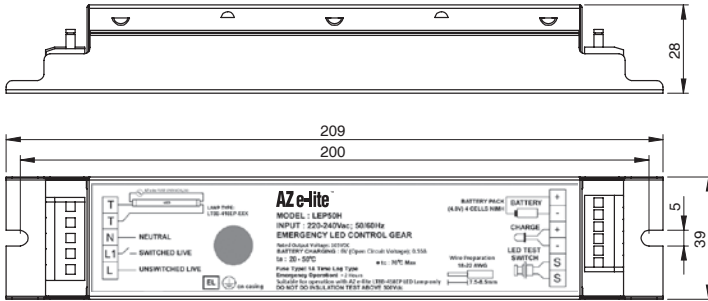
2hrs Rated Duration in Emergency Mode – Meets many countries' emergency lighting requirements.

10% Emergency Ballast Lumen Factor – Same ballast lumen factor performance as instead of compare to traditional T8 fluorescent tubes.

Warning:

- Do not use ballast.
- Battery Connection is not Reversible.
- Observe Proper Polarity when Connecting the Battery.

■ Outline Drawing



* Colour of the Solid Circle is Red with a Diameter of at least 10mm

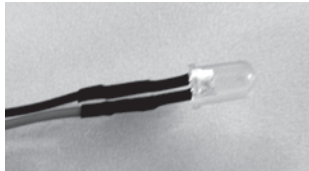
■ Main Section



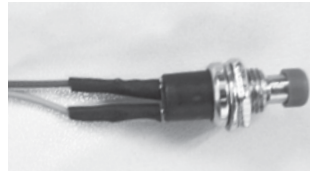
Battery Pack



Control Gear



LED (Green Colour)



Switch

■ Wiring Diagram

