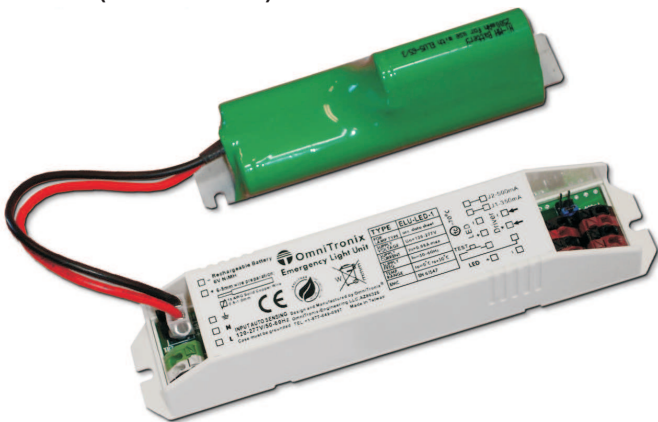


OmniTronix Inc.

Product Introduction
 ELU-LED-1/2/3/4 for 200/250/300/350/400mA
 Constant Current LED Lamps
 100V-277V-1 / 50-60Hz

LED Emergency Light Unit ELU-LED

OmniTronix Emergency Lighting Units are suitable for Maintained Mode (with LED Driver) and Non-Maintained Mode (stand-alone).

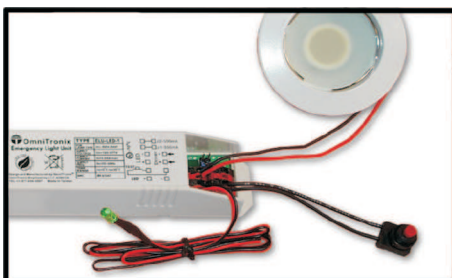


Technical Highlights

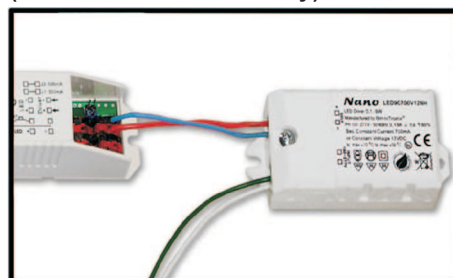
- Optional Test Switch
- Works with most 1W, 3W or 5W LED Luminaries and 350mA, 500mA or 700mA Current Controlled LEDs
- Short Circuit, Over-Load and No Load Protection
- Luminaire (load) will flash if overloading the ELU-LED
- Low battery shutdown to protect battery from deep-discharging
- Stand-by function indicated by a green LED
- Batteries available for 1 hour, 1.5 hours or 3 hours or longer operation time
- Uninterrupted light without reduction of brightness during emergency operation
- Short Circuit, Over-Load and No Load Protection
- Environment Friendly, Lead Free - RoHS Compliant

Model No. Part No.	ELU-LED-1	ELU-LED-2	ELU-LED-3	ELU-LED-4	
Supply Voltage Range	100 to 277VAC @ 50-60Hz				
Current Draw Maximum	60mA (for battery charging)				
CC Driver Rating / Load Max.	J1	300mA(10-30V)	350mA(10-40V)	400mA(15-60V)	300mA(15-80V)
	J2	200mA(10-30V)	250mA(10-40V)	300mA(15-60V)	200mA(15-80V)
Status Indicator	Green LED for Stand-by Mode (battery charging)				
Battery Type	6V Ni-MH Rechargeable		12V Ni-MH Rechargeable		
Battery Capacity (mAh)	2000, 2500, 3300, 3700, 4500, 7000				
E-mode Minimum Battery Operation Time (hours)	$\frac{\text{Battery Capacity (mAh)}}{\text{CC Driver Rating (mA)} \times \text{Load Voltage (V)}} \times 7 = \text{Min Op Time(h)}$				
Charging Current	170mA to 220mA		140mA to 180mA		
Operation Temp Range	0°C to 50°C				
Case Temperature Max.	70°C				
Dimension LxWxH	163 x 32 x 30mm / 6.42 x 1.26 x 1.18in (includes mounting tabs)				
Environmental	RoHS compliance / Short and open load protection				
Approvals					

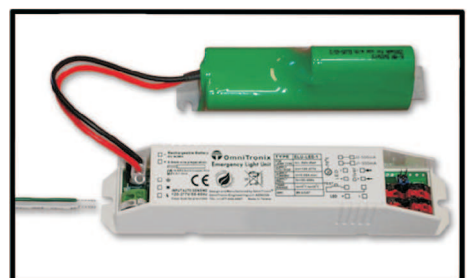
Test Switch (optional), Status LED and Luminaire Connection Detail



LED Driver Connection Detail (for Maintained Mode only)



Battery and Unswitched Mains Connection Detail



OmniTronix ISO 9001 Quality Standard

As a leading manufacturer of electronic control gear for Fluorescent, LED, MH and Halogen Lamps, OmniTronix ensures the standard properties of Optimum Performance, Reliability and a Long Service Lifetime from the earliest development stage, for every one of our manufactured products.

We reserve the right of technical modifications. 01/2015



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