



Smart Light Source Co.



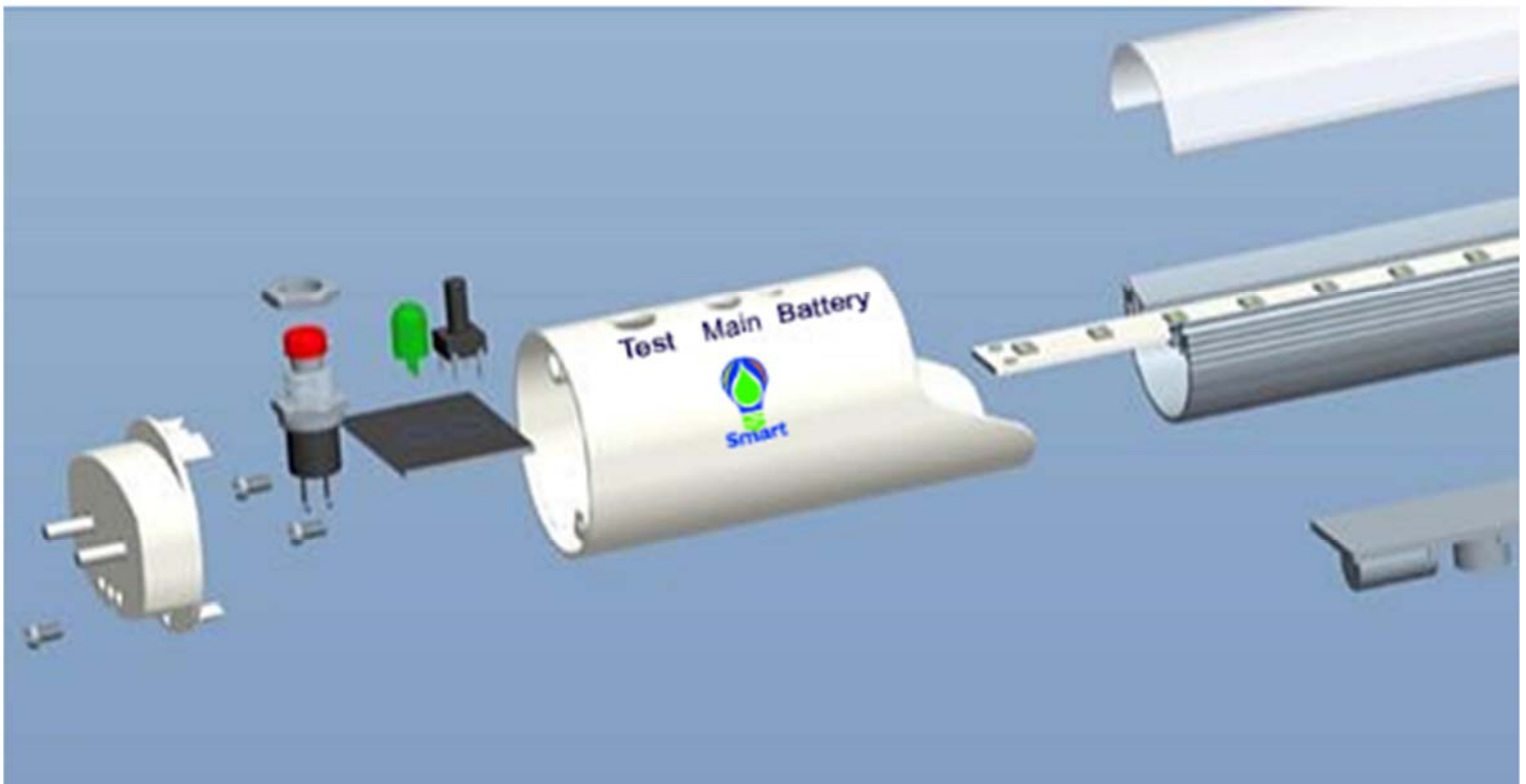
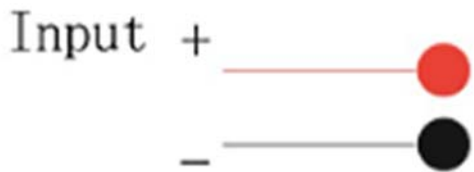
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## **Emergency Backup Power T8 LED Tube**

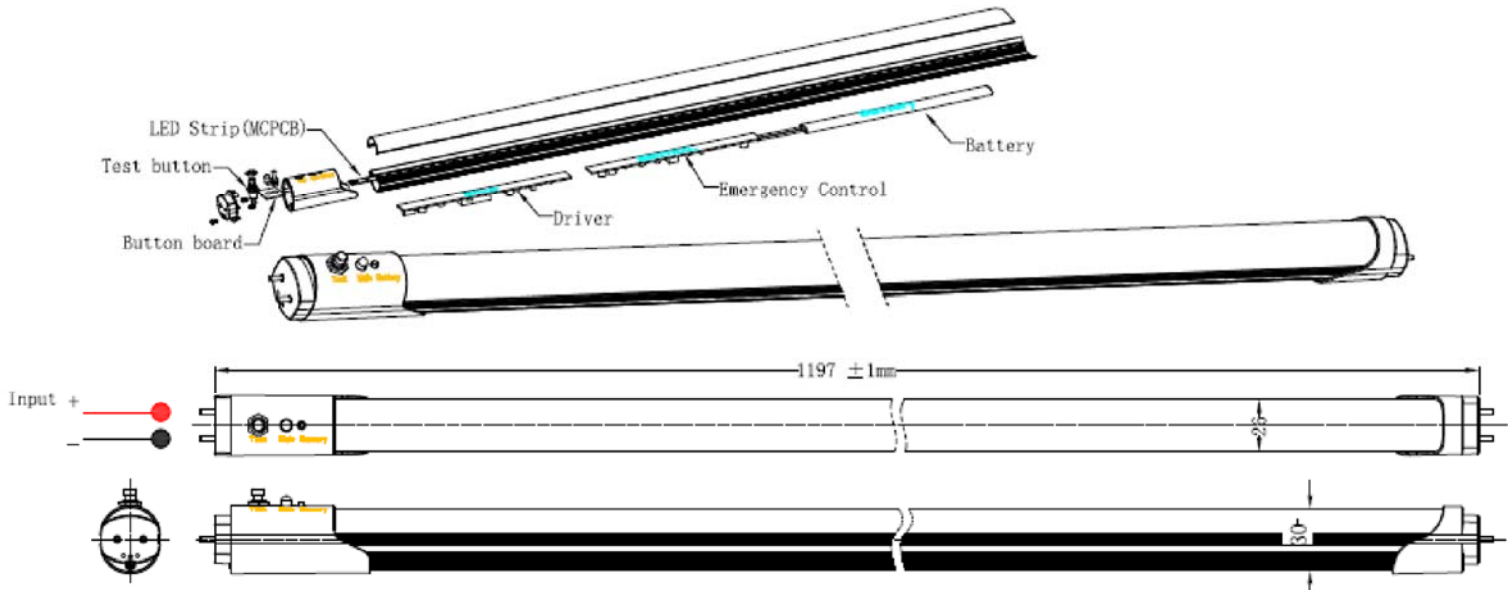
Smart Light Source Co. and PowerRail are proud to present this widely anticipated, patented **LED EMERGENCY BACKUP** Tube. With integrated battery backup power for multiple emergency applications, this T8 LED Tube can be used for Facilities, Passenger Transit LRV, Locomotives and Cars.

This T8 LED Tube is designed to replace all external backup power ballasts and drivers to keep lighting ON in the event that the main voltage is off. It also incorporates test buttons to ensure battery is operational for Maintenance Personnel or Fire Marshal certification. Perfect for use in open or enclosed luminaries where backup power is required in the event of emergency or main power shuts off. Product can be suited to operate on various voltages, such as: 12V DC or AC, 24V DC or AC, 36V DC or AC, and 75V DC or AC.

**NO EXTERNAL POWER SUPPLY OR WIRING IS REQUIRED!**



## Technical Information



Part Number: **SLS-UNV-EMB-1200-18W/6W-4K** Warranty: **3-years**

### Operating Characteristics and Product Description:

- Standard 4ft Tube Application Replacement - NO additional wiring or external power supplies required.
- Standard Color Temperature: 4,000K (Other Color Temperatures Optional)
- Operates at 18W on Main Input Voltage / 6W on Battery Voltage
- Standard Light Output at 18W is 1,980 lumens @ 4,000K CCT / at 6W is 660 lumens
- Input Voltage: 120-277 AC (Special Operating Voltage Available)
- Battery Backup “ON” Time: 2 hours (**90 Minutes MINIMUM**, up to 120 minutes)
- Battery charge time: 120 minutes
- Isolated Driver: MCPCB
- G13 End Cap Standard (other options available upon request)
- One End Power Direct Connect (Double End Power available upon request)
- Housing: PC Cover and Aluminum Heat Sink for Better Heat Dissipation
- Battery: Lithium Polymer (Li-Po) 1500mAh for Longer Life and Performance
- Battery Cycle: 500 times (cycle is from 100% to 10% of Battery ON Time)
- Sleeve Flammability Standard: V-0 Level
- CRI:  $\geq 80$
- Power Factor (PF):  $\geq 0.92$
- Operating Environmental Conditions:  $-10^{\circ}\text{C}$  to  $+55^{\circ}\text{C}$

#### Notes:

1. When main power in on, LED Tube in ON and Green LED on the sleeve will illuminate. Emergency parts do not work but battery is charging.
2. Test Button: Press down the Test Button to shut of main power to LED Tube. Emergency backup battery will start running the LED Tube at 6W. Release the test button and LED Tube will operate automatically on main power.
3. Battery Button: If main power is out you can choose to not utilize the backup battery. Press the Battery Button to shut off the battery power to the LED Tube. When main power is recovered, LED tube will operate automatically on main power.

