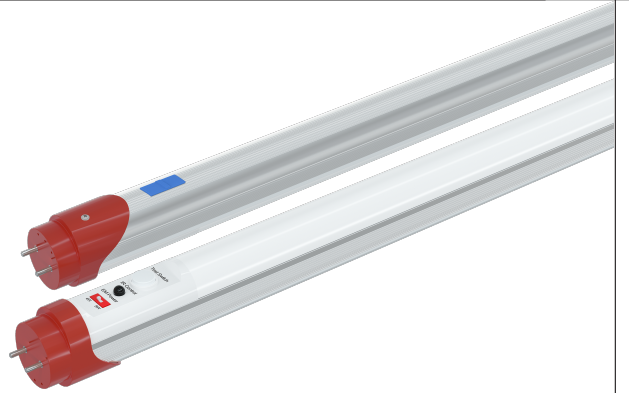




Emergency Tube

Description:

Replacing standard LED or Fluorescent T8s the Emergency Tube combines the functionality of a normal LED T8 with an integrated battery and emergency driver, eliminating the need for a separate emergency ballast above the troffer. Upon loss of power, the tube immediately switches to emergency power mode and provides continuous illumination for the code-required 90 minutes.



Technical Specifications:

Construction: Extruded aluminum & frosted polycarbonate lens

Emergency Output: 1,200 lm for 90 mins (8w) or 660 lm for 120 mins (4w) (Field Selectable)

Battery Protections: over-charge, over-discharge, & short circuit

Warranty: 5 Years (labor not included)

Base Type: G13

Rated Voltage: 120-277/347* VAC

Rated Frequency: 50/60 Hz

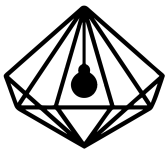
Lifetime: L70: ≥50,000 hours

Pending Certifications:

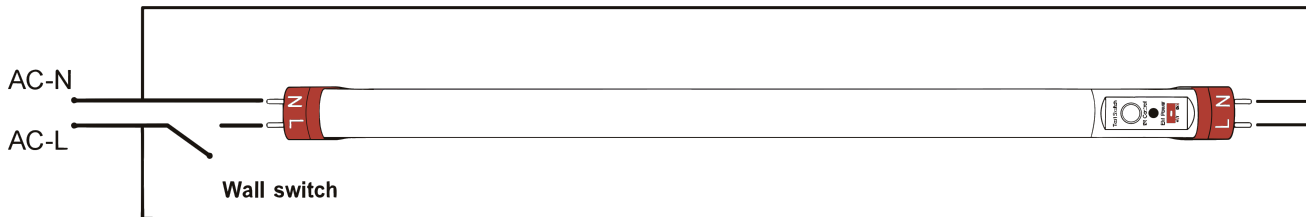


| Model No. | Length | Power | Field Adjustable CCT | Lumens | Efficacy | CRI | Emergency Output |
|-----------|--------|-------|--------------------------------|----------|----------|-----|----------------------|
| EM100 | 4 Feet | 12W* | (3,500K; 4,000K; 5,000K) | 1,740 lm | 145 lm/W | >80 | 1,200 lm for 90 mins |

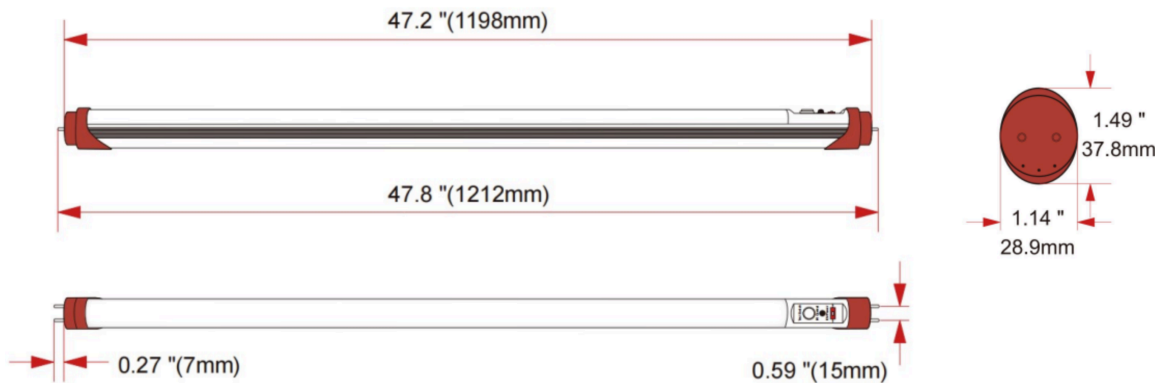
*Note: 13.5W @ 347 VAC



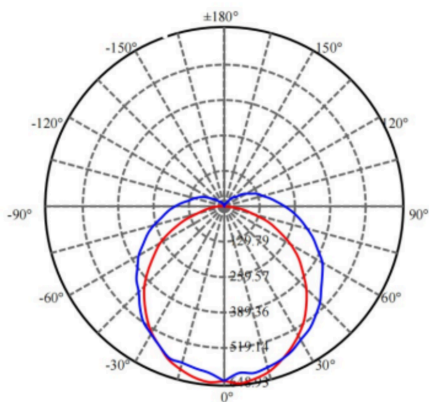
Wiring Diagram



Dimensions



Photometry

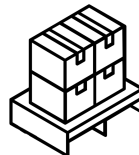


C0/C180: ———
C90/C270: ———
Field angle(10%Imax):C0/180Left:79.5 Right:81.0
:C90/270Left:118.8 Right:126.9
Beam Angle(50%Imax):C0/180Left:54.3 Right:55.6
:C90/270Left:66.4 Right:74.2

Packing Quantities



Carton: 20pcs



Pallet: 500pcs



20ft Container: 12,500pcs

40ft Container: 34,000pcs



Operating Instructions & Optional Accessories

Normal Power Conditions

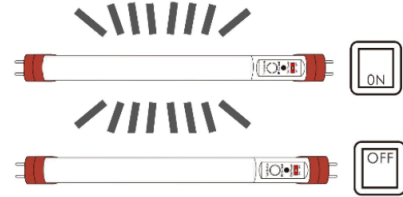
Under normal operation the test button will illuminate to indicate that the battery is charging. The lamp may be turned on/off via the wall switch.



Battery Charging



Test Button Illuminated



Lamp Controlled via the Wall Switch

Emergency Operation

In the event of a power outage, the lamp will automatically illuminate and the test button will flash to indicate emergency mode has been activated.



Battery Discharging



Emergency Mode Illumination



Test Button Flashing

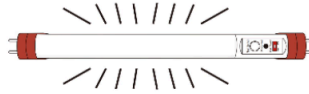
Testing the Emergency Tube

Option 1: With the lamp connected to AC power, press the test button on the lamp. The lamp will remain in emergency mode until the button is released.

Option 2: With the lamp connected to AC power, press the button on the remote. The lamp will conduct a 3 second test of the emergency mode before returning to normal operation.



Press the Test Button



Emergency Mode will Activate



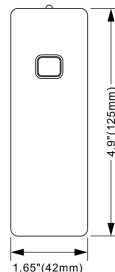
Press the Button on the Remote

* Note: Adjust emergency power output (8W v. 4W), if necessary, before installing the lamp.

- Remote Test Controller

Wireless remote that enables on-demand testing of the emergency backup system. A single remote is capable of testing any and all CCT Lighting Emergency Tubes within a 6 meter line-of-sight radius.

Note: 2x AAA batteries required



- Lampholders

Unshunted Stucchi Tombstones

