

# G4 Emergency T8 (For On/Off Applications)

# ALEDDRA



## Specifications

|                               |                           |
|-------------------------------|---------------------------|
| Color                         | 3000K - 6000K             |
| Wattage                       | 8W / 15W                  |
| Length                        | 2-ft / 4-ft               |
| CRI                           | >80                       |
| Input Voltage                 | AC100-277V                |
| Light Output                  | 960lm (2ft), 1890lm (4ft) |
| LED Type                      | SMD2835                   |
| Power Factor                  | >0.92                     |
| Luminous Efficiency           | >120 lm/W                 |
| Emergency Time                | 90 minutes                |
| Light Output on Battery       | 420 lm at 3.5W            |
| Battery Operating Temperature | 50°F ~ 110°F              |
| Rated Hours                   | 50,000 hours              |
| Warranty                      | 5-year *                  |

\* The 5-year warranty is provided under the assumption of performing no more than two 90-min battery discharge tests annually over five years. The warranty is void if performing more than ten 90-min battery discharge tests in five years.

## Ordering Information

| Product Model #        | Wattage | Color | length |
|------------------------|---------|-------|--------|
| LLT-2-EM-T8-G4-8W-40K  | 8W      | 4000K | 2ft    |
| LLT-2-EM-T8-G4-8W-50K  | 8W      | 5000K | 2ft    |
| LLT-4-EM-T8-G4-15W-30K | 15W     | 3000K | 4ft    |
| LLT-4-EM-T8-G4-15W-35K | 15W     | 3500K | 4ft    |
| LLT-4-EM-T8-G4-15W-40K | 15W     | 4000K | 4ft    |
| LLT-4-EM-T8-G4-15W-50K | 15W     | 5000K | 4ft    |
| LLT-4-EM-T8-G4-15W-60K | 15W     | 6000K | 4ft    |

## Features

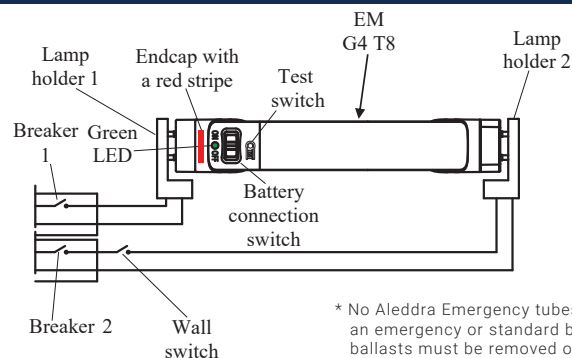
- 2-in-1 tube: regular T8 lighting and emergency lighting
- Fully automatic self-testing: 30-second test monthly and 90-minute test annually
- Fully automatic self-diagnosis with flashing indicator if the battery time drops below 90 minutes
- Manual testing button
- Built-in lithium batteries
- Controllable by wall switch
- Easy battery shutoff switch for a long stocking time
- Patented (for details, please click here.)

### Product Compliance & Certifications:

- ETL certified for Type B (ballast bypass)
- DLC 5.1 Listed
- IES Progress Report 2020 Selection
- 90 minutes battery time per industry standard

\* The Emergency Tube meets the performance requirements of UL924 but not UL924 certified because it is an attachable emergency lighting equipment.

## Wiring Diagram



\* No Aleddra Emergency tubes can be used with an emergency or standard ballasts. The existing ballasts must be removed or by-passed.

- Red-labeled endcap wired L & N to a constant-on circuit for charging the battery.
- White endcap wired L & N to a switched circuit for turning on/off the lamp.

## Description

Aleddra's Gen4 Emergency T8 lamp sets another industry standard as the first fully automatic self-testing/self-diagnosis T8. The lamp operates as an energy-efficient T8 during normal operation and can be turned on/off via a wall switch. During power outage, it will last over 90 minutes on battery. More importantly, the lamp will automatically self-test for 30 seconds monthly and for 90 minutes annually, thus meeting the emergency lighting audit requirements with no labor cost. This saves a facility management team a tremendous amount of labor from manually testing every single lamp of this kind in its facilities. Should any malfunction be detected during self-testing, such as insufficient battery capacity, the warning indicator on the lamp will flash and alert the team.