

# Emergency LED Tubes

## T10 Type B Double-Ended



### Key Features

- Easy LED upgrade for existing fixtures with an integrated emergency battery back-up.
- Type B - Internal LED driver bypasses existing ballasts and eliminates the need for an external LED driver.
- Power at both ends of the LED tube.
- Instant on - no delay or warm up time.

### Electrical

- 120-277VAC input.
- Power Factor: ≥0.90; THD: <20%
- Operating temperature: 0°C to 40°C (32°F to 104°F).
- 9.6V 600mAh Lithium integrated battery back-up provides 90 minutes of emergency operation; choice of 360 lm or 680 lm output.

### Construction

- Fully-sleeved aluminum and polycarbonate tube housing is shatter-resistant.
- No socket replacement necessary - for use with shunted or non-shunted sockets.
- MCU system with self-test feature.
- Easy disposal, non-hazardous waste.

### Optics

- Industry-leading LEDs with 4000K and 5000K CCT (minimum 80 CRI).
- Full illumination with 180° beam angle.
- Lumen Maintenance: 50,000 hours (L70) <sup>1</sup>

### Warranty

- Backed by US LED's Three-Year warranty.

Project	Date
---------	------

Catalog Number	Type
----------------	------

### Product Performance Summary

<b>Lumen Output</b>	Up to 2,000 lumens
<b>Efficacy</b>	Up to 133 LPW
<b>CRI</b>	≥ 80 CRI
<b>Available CCT</b>	4000K or 5000K
<b>Warranty</b>	3-Year Warranty

### Product Overview

Emergency Type B double-ended LED tubes are the perfect solution for upgrading existing fluorescent fixtures to LED technology without a comprehensive reinstall. The internal LED driver allows them to bypass existing ballasts in a fluorescent fixture and wire directly to line voltage. By avoiding ballast compatibility issues, end users will avoid future maintenance headaches. With an integrated battery back-up, you'll benefit from up to 90 minutes of operation in the event of an emergency. Emergency LED tubes offer high quality illumination for 50,000 hours and are backed by a Three-Year warranty.

### Product Applications

- Retail Stores
- Industrial/Warehouses
- Hallways/Corridors
- Classrooms
- Conference Rooms
- Storage Areas
- Office Spaces
- Convenience Stores

### Product Certifications

- ETL Listed.
- DLC Listed.
- Suitable for indoor damp locations.
- RoHS compliant.



### Ordering Information

Example: EMT1-2-UNV-4-15A-50-DE-T10

Series	Variant	Input Voltage	Length	Wattage	CCT	Power Location	Size
EMT1							
1	Emergency Operation: 680 lm	UNV	120-277V	4 4 ft.	15A 15.0W	40 4000K 50 5000K	DE Double Ended T10 T10
2	Emergency Operation: 360 lm						

1. Product 'Lifetimes' refer only to the LED light engine, not the power source, and are based on the Illuminating Engineering Society's TM21 Projected Lumen Maintenance methodology at a 25° C / 77° F ambient temperature. The lifetimes are solely meant to be a guide for expected LED degradation and not a warranty or predictive of their actual life, which can be affected by ambient temperatures and other factors.

# Emergency LED Tubes

## Star T10 | Double-Ended Type B Series

### Performance Data

Model	Input Power	Lumen Output	Efficacy	CCT	L70 Calculate Life
EMT1-1-UNV-4-15A-40-DE-T10	15.0W	2,000	133 LPW	4000K	50,000 Hours
EMT1-1-UNV-4-15A-50-DE-T10	15.0W	2,000	133 LPW	5000K	50,000 Hours
EMT1-2-UNV-4-15A-40-DE-T10	15.0W	2,000	133 LPW	4000K	50,000 Hours
EMT1-2-UNV-4-15A-50-DE-T10	15.0W	2,000	133 LPW	5000K	50,000 Hours

### Accessories

Note: Accessories are only available with 4 ft. LED tubes only.

Model	Description
LS-1-4	LoneStar, 1 Tube Strip Fixture Housing
LS-2-4	LoneStar Tandem, 8' Single Strip Housing
TWS1	TwinStar, 2 Tube Strip Fixture Housing
TWS1-T	TwinStar Tandem, 8' Double Strip Housing
TWS1-1	TwinStar, 2 Tube Strip Fixture Housing With Accommodations For Occupancy Sensor
TR-3-4	TriStar, 3 Tube Strip Fixture Housing
USQS-44	QuadStar, 4 Tube Wide Body Strip Housing
HBT1	SixShooter, 6 Tube High Bay Fixture Housing
HBT1-1	SixShooter, 6 Tube High Bay Fixture Housing With Accommodations For Occupancy Sensor
UCLL-24	2x4 Housing with Ribbed Lens - Ceiling Mounted
UCLLS-24	2x4 Housing with Ribbed Lens - Surface Mounted
LS-WG-48	Wireguard Protection for LoneStar Strip Fixture Housing
BCK-8-2-US	1x8 Two Lamp Retrofit
BCK-8-4-US	1x8 Four Lamp Retrofit
RKSR-232TAN-WINST	8' to 4' Conversion Kit
USVT-24	4' Vapor Tight Housing
USVT-44	8' Vapor Tight Housing