

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 3500K, 4000K and 5000K CCT (80+ CRI).
- Full illumination with 180° beam angle.
- Lumen Maintenance: 50,000 hours (L70) ¹

Warranty

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

Project	Date
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Catalog Number	Type
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Product Performance Summary

Lumen Output	Up to 2,200 lumens
Efficacy	Up to 147 LPW
CRI	> 80 CRI
Available CCT	3500K, 4000K, or 5000K
Warranty	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	35 3500K 40 4000K	DE Double Ended T10 T10
2	Emergency Operation: 360 lm				50 5000K		

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 Voltage	CCT	Input Power	Lumen Output	Efficacy	CRI	L70 Calculated Life
EMT1-1-UNV-4-15A-35-DE-T10	120-277VAC	3500K	15.0W	2,100	140 LPW	> 80	50,000 Hours
EMT1-1-UNV-4-15A-40-DE-T10	120-277VAC	4000K	15.0W	2,100	140 LPW	> 80	50,000 Hours
EMT1-1-UNV-4-15A-50-DE-T10	120-277VAC	5000K	15.0W	2,200	147 LPW	> 80	50,000 Hours
EMT1-2-UNV-4-15A-35-DE-T10	120-277VAC	3500K	15.0W	2,100	140 LPW	> 80	50,000 Hours
EMT1-2-UNV-4-15A-40-DE-T10	120-277VAC	4000K	15.0W	2,100	140 LPW	> 80	50,000 Hours
EMT1-2-UNV-4-15A-50-DE-T10	120-277VAC	5000K	15.0W	2,200	147 LPW	> 80	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