

27.9W LED Tubes

T8 Type B Double-Ended



Key Features

- Quick and easy LED upgrade for existing open or enclosed fixtures.
- Type B - Internal LED driver bypasses existing ballasts and eliminates the need for an external LED driver.
- Instant on - no delay or warm up time.

Electrical

- 120-277VAC input.
- Power Factor: ≥ 0.90 ; THD: $< 20\%$
- Operating temperature: -20°C to 40°C (-4°F to 104°F).

Warranty

- Backed by US LED's industry-leading Ten-Year warranty.

Construction

- Available in 4 ft. length.
- Fully-sleeved frosted glass tube housing with PET film is shatter-resistant.
- Easy disposal, non-hazardous waste.

Optics

- Industry-leading LEDs with 3500K, 4000K, and 5000K CCT (minimum 80 CRI).
- Full Illumination with $> 320^{\circ}$ Beam Angle.
- Lumen Maintenance: 200,000 hours (L70) ¹

Project	Date
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Catalog Number	Type
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Product Performance Summary

Lumen Output	Up to 4,250 lumens
Efficacy	Up to 152 LPW
CRI	≥ 80 CRI
Available CCT	3500K, 4000K, or 5000K
Warranty	Ten-Year Warranty

Product Overview

T8 Type B double-ended LED tubes are the perfect solution for upgrading existing fluorescent fixtures to LED technology without a comprehensive reinstall. These LED tubes offer quality illumination up to 200,000 hours (L70) and are backed by US LED's industry-leading Ten-Year Warranty.

Product Applications

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

Product Certifications

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



Ordering Information

Example: ST1-4-UNV-4-27A-50-GL-DE

ST1							
Series	Variant	Input Voltage	Length	Wattage	CCT	Diffuser	Power Location
4	Standard	UNV 120-277V	4 4 ft.	27A 27.9W	35 3500K	GL Glass	DE Double Ended
					40 4000K		
					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.

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Performance Data

Model	Input Voltage	CCT	Input Power	Lumen Output	Efficacy	CRI	L70 Calculate Life
ST1-4-UNV-4-27A-35-GL-DE	120-277VAC	3500K	27.9W	4,150	149 LPW	≥80	200,000 Hours
ST1-4-UNV-4-27A-40-GL-DE	120-277VAC	4000K	27.9W	4,200	151 LPW	≥80	200,000 Hours
ST1-4-UNV-4-27A-50-GL-DE	120-277VAC	5000K	27.9W	4,250	152 LPW	≥80	200,000 Hours

Accessories

Model	Description
LS-1-4	LoneStar, 1 Tube Strip Fixture Housing
LS-2-4	LoneStar Tandem, 8' Single Strip Housing
TSW1	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