USLED
Always the Right Choice!

Project	Date

Catalog Number	Type

27.9W LED Tubes

T10 Type B Single-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.

Construction

- Available in 4 ft. length.
- Fully-sleeved frosted polycarbonate housing is shatter-resistant.
- Aluminum heat sink backing.
- Easy disposal, non-hazardous waste.

Electrical

- 120-277VAC input.
- Power Factor: ≥0.90; THD: <20%
- Operating temperature: -20°C to 45°C (-4°F to 113°F).

Optics

- Industry-leading LEDs with 5000K CCT (minimum 80 CRI).
- Full Illumination with >320° Beam Angle.
- Lumen Maintenance: 200,000 hours (L70) [1]

Warranty

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

Product Performance Summary

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

Product Overview

T10 Type B single-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.

c UL us LISTED

DLC PRO LISTED

RoHS

Ordering Information

Example: ST1-1-UNV-4-27B-50

ST1					
Series	**Variant**	**Input Voltage**	**Length**	**Wattage**	**CCT**
	1 Standard	**UNV** 120-277V	**4** 4 ft.	**27B** 27.9W	**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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Due to continued product improvements, product specifications are subject to change without notice. Please visit www.usled.com for the most updated product specifications.

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Performance Data

Model	Input Voltage	CCT	Input Power	Lumen Output	Efficacy	CRI	L70 Calculate Life
ST1-1-UNV-4-27B-50	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
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