

8.9W LED Tubes

T8 Type B Single or Double-Ended



Key Features

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

Electrical

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

Construction

- Available in 4 ft. length only.
- Single or double-ended power input.
- Fully-sleeved, frosted PET-coated glass housing will not yellow and is shatterproof.
- High tensile strength and puncture resistant.
- Easy disposal, non-hazardous waste.

Optics

- Industry-leading LEDs with 4000K or 5000K CCT (minimum 80 CRI). Additional CCT options are available, please consult factory. ²
- Full illumination: $\geq 201^{\circ}$ Beam Angle.
- Lumen maintenance: 200,000 hours (L70) ¹

Warranty

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

Project	Date
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Catalog Number	Type
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Product Performance Summary

Lumen Output	Up to 1,720 lumens
Efficacy	Up to 194 LPW
CRI	≥ 80 CRI
Available CCT ²	4000K, 5000K
Warranty	Ten-Year Warranty

Product Overview

US LED's Star T8 Type B LED tubes are the perfect solution for upgrading existing fluorescent fixtures to LED technology without a comprehensive reinstall. These 8.9W LED tubes offer the utmost flexibility in the field by providing single or double-ended wiring options with one product. Furthermore, these LED tubes offer quality illumination for 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: **ST1-18-UNV-4-9A-50-GL-DE-T8**

Series	Variant	Input Voltage	Length	Wattage	CCT ²	Diffuser	Power Location	Size
ST1								
18	Standard	UNV 120-277V	4 4 ft.	9A 8.9W	40 4000K 50 5000K	GL Glass	DE Single or Double-Ended Input	T8 T8

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.

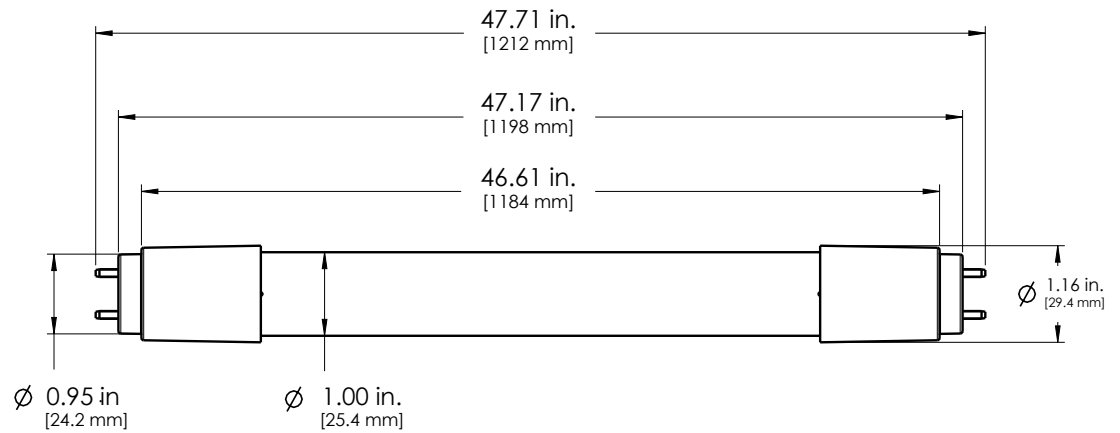
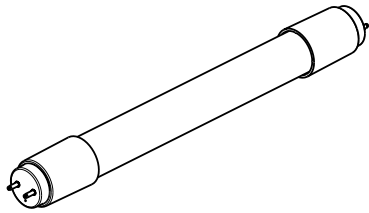
2. Additional CCT options available and are subject to lead times.

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Dimensions

Net Weight	Quantity Per Carton
0.40 lbs. (0.18 kg)	25

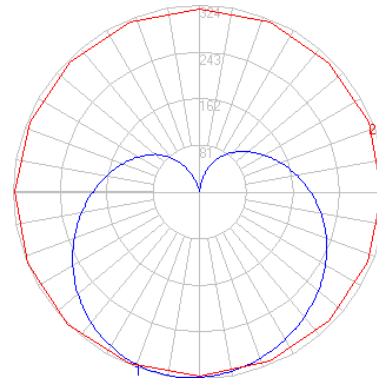


Performance Data

Model	Input Voltage	CCT	Input Power	Lumen Output	Efficacy	CRI	L70 Calculate Life
ST1-18-UNV-4-9A-50-GL-DE-T8	120-277VAC	5000K	8.87W	1,720	194 LPW	≥80	200,000 Hours

Luminaire Photometric Data

Model Number	ST1-18-UNV-4-9A-50-GL-DE-T8
Test Number	RHL21070101-9
Issue Date	07/05/2021
Manufacturer	US LED, Ltd.
Lamp	LED
Total Input Watts	8.87
Total Lumens	1,720
Efficacy	194 LPW



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

Model	Description
LS-WG-48	Wireguard Protection for LoneStar Strip Fixture Housing
UCLL-24	2x4 Housing with Ribbed Lens - Ceiling Mounted
UCLLS-24	2x4 Housing with Ribbed Lens - Surface Mounted
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