



Always the Right Choice!

8W LED Tubes

T8 Type B 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 2 ft. length only.
- Double-ended power input.
- Fully-sleeved, frosted glass tube 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).
- Lumen maintenance: $> 50,000$ hours (L70) ¹

Warranty

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

Project | Date

Catalog Number | Type

Product Performance Summary

Lumen Output	Up to 1,056 lumens
Efficacy	Up to 132 LPW
CRI	≥ 80 CRI
Available CCT	4000K or 5000K
Warranty	Five-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 LED tubes offer quality illumination for over 50,000 hours (L70) and are backed by US LED's Five-Year Warranty.

Product Applications

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

Product Certifications

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



Ordering Information

Example: ST1-15-UNV-2-8A-40-GL-DE-T8

Series	Variant	Input Voltage	Length	Wattage	CCT	Diffuser	Power Location	Size
ST1	15 Standard	UNV 120-277V	2 2 ft.	8A 8W	40 4000K 50 5000K	GL Glass	DE 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.

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Performance Data

Model	Input Voltage	Available CCT	Input Power	Lumen Output	Efficacy	CRI	L70 Calculate Life
ST1-15-UNV-2-8A-XX-GL-DE-T8	120-277VAC	4000K or 5000K	8W	1,056	132 LPW	≥80	50,000 Hours