

Snap-In LED Tubes

T8 Type B Double-Ended



Key Features

- Easy LED tube upgrade for existing 8 ft. fluorescent fixtures.
- 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: -20°C to 40°C (-4°F to 104°F).

Warranty

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

Construction

- Fully-sleeved frosted glass tube housing is shatter-resistant.
- No socket replacement necessary; use with single pin or medium bi-pin snap-on joint.
- Two 4 ft. lamps snap-in together via proprietary joint to create an 8 ft. LED tube.
- Easy disposal, non-hazardous waste.

Optics

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

Project	Date
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Catalog Number	Type
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Product Performance Summary

Lumen Output	Up to 5,500 lumens
Efficacy	Up to 131 LPW
CRI	≥ 80 CRI
Available CCT	4000K or 5000K
Warranty	Five-Year Warranty

Product Overview

The Snap-In T8 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. US LED tubes offer high quality illumination for 50,000 hours and are backed by a Five-Year warranty.

Product Applications

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

Product Certifications

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



Ordering Information

Example: DT1-1-UNV-8-36A-50-GL-DE-T8-P1

Series	Variant	Input Voltage	Length	Wattage	CCT	Diffuser	Power Location	Size	Options
DT1									
1	Standard	UNV 120-277V	8 8 ft.	36A 36.0W 42A 42.0W	40 4000K 50 5000K	GL Glass	DE Double Ended ²	T8 T8	P1 Low Efficacy P2 High Efficacy

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 Double-ended tubes are not compatible with fixtures using an emergency battery-backup.

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Performance Data

Model	Input Power	Lumen Output	Efficacy	CCT	L70 Calculate Life
DT1-1-UNV-8-36A-40-GL-DE-T8-P1	36.0W	4,200	116 LPW	4000K	50,000 Hours
DT1-1-UNV-8-36A-50-GL-DE-T8-P1	36.0W	4,200	116 LPW	5000K	50,000 Hours
DT1-1-UNV-8-36A-40-GL-DE-T8-P2	36.0W	4,800	133 LPW	4000K	50,000 Hours
DT1-1-UNV-8-36A-50-GL-DE-T8-P2	36.0W	4,800	133 LPW	5000K	50,000 Hours
DT1-1-UNV-8-42A-40-GL-DE-T8-P1	42.0W	5,500	131 LPW	4000K	50,000 Hours
DT1-1-UNV-8-42A-50-GL-DE-T8-P1	42.0W	5,500	131 LPW	5000K	50,000 Hours

Accessories

Model	Description
LS-2-4	LoneStar Tandem, 8' Single Strip Housing
TWS1-T	TwinStar Tandem, 8' Double Strip Housing
BCK-8-2-US	1x8 Two Lamp Retrofit
USVT-44	8' Vapor Tight Housing