

Star T8 & T10 Series

Project	Type
Catalog Number	

Rev # 09/19/17-1

Description

US LED's Star T8 and T10 LED Lamps have become widely accepted as the fluorescent retrofit standard due to the high lumen output, 80+ CRI and a lifetime rated at 200,000 hours. There is truly no LED lamp like it on the market that can match the performance and return on investment. The Star T8 and T10 LED lamps are provided in a number of configurations, ensuring that any commercial or industrial application can be accommodated.



Features

- LED L70 life of >200,000 hours
- Integrated driver eliminates the need for an external driver
- Compatible with T8 fluorescent fixtures
- 5-year warranty
- UL 1598 Type B compliant LED lamp (integrated driver)

Specifications - Average values for family products

Dimensions (in)	47.75" x 1" (T8) or 47.75" x1.25" (T10)
Units / Carton	25 per master carton
Net Weight	.75 lbs.
Environmental Rating	Damp

Certifications

- UL Approved (# E352453)
- DesignLights Consortium® qualified
- LM-79 available



Star T8

Star T8 - Energy Data	3500K	4000K	5000K
Input Voltage (VAC)	120-277	120-277	120-277
System Level Power (W)*	12.1	11.9	11.6
Delivered Lumens (Lm)	1,800	1,800	1,800
System Efficacy (Lm/W)	148	151	155
Color Temperature (K)	3500K	4000K	5000K
Color Rendering Index (CRI)	80 min	80 min	80 min
L70 Calculated Life (Hrs.)*	>200,000	>200,000	>200,000
L85 Calculated Life (Hrs.)*	168,000	168,000	168,000
Operating Temp (°C)	- 20 to 45	- 20 to 45	- 20 to 45

Star T10

Star T10 - Energy Data	3500K	4000K	5000K
Input Voltage (VAC)	120-277	120-277	120-277
System Level Power (W)*	18.6	17.9	17.9
Delivered Lumens (Lm)	2,600	2,600	2,700
System Efficacy (Lm/W)	140	145	151
Color Temperature (K)	3500K	4000K	5000K
Color Rendering Index (CRI)	80 min	80 min	80 min
L70 Calculated Life (Hrs.)*	>200,000	>200,000	>200,000
L85 Calculated Life (Hrs.)*	168,000	168,000	168,000
Operating Temp (°C)	- 20 to 40	- 20 to 40	- 20 to 40

* US LED product 'Lifetimes' refer only to the LED light engine, not the power source, and are based on the Illuminating Engineering Society's TM21 Calculated 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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Star T8

Star T8 Ordering Information

Series	Variant	Voltage	Length	Flux	CCT
ST1	2	UNV - 120-277VAC	4 - 4'	12A	35 - 3500K
Series	Variant	Voltage	Length	Flux	CCT
ST1	4	UNV - 120-277VAC	4 - 4'	11A	40 - 4000K 50 - 5000K

Example: ST1-4-UNV-4-12A-35

Star T10

Star T10 Ordering Information

Series	Variant	Voltage	Length	Flux	CCT
ST1	4	UNV - 120-277VAC	4 - 4'	17A	35 - 3500K 40 - 4000K 50 - 5000K

Example: ST1-4-UNV-4-17A-35

Accessories

Description	Part Number
LoneStar, 1 Tube Strip Fixture Housing	LS-1-4
LoneStar Tandem, 8' Single Strip Housing	LS-2-4
TwinStar, 2 Tube Strip Fixture Housing	TWS1
TwinStar Tandem, 8' Double Strip Fixture	TWS1-T
TwinStar, 2 Tube Strip Fixture Housing with Accomodations for a Occupancy Sensor	TWS1-1
TriStar, 3 Tube Strip Fixture Housing	TR-3-4
QuadStar, 4 Tube Wide Body Strip Housing	USQS-44
SixShooter, 6 Tube Highbay Fixture Housing	HBT1
SixShooter, 6 Tube Highbay Fixture Housing with Accomodations for a Occupancy Sensor	HBT1-1
2x4 Housing with Ribbed Lens - Ceiling Mounted	UCLL-24
2x4 Housing with Ribbed Lens - Surface Mounted	UCLLS-24
Wireguard protection for LoneStar Strip Fixture Housing	LS-WG-48
1x8 Two Lamp Retrofit	1-2 Retro
1x8 Four Lamp Retrofit	2-4 Retro
8' to 4' Conversion Kit	RKSR-232TAN-WINST
4' VaporTight Housing	USVT-24
8' VaporTight Housing	USVT-44