



Commercial & Industrial Series LED Lamps - Special Lengths

DESCRIPTION

The shatterproof SL TLED T8 lamps are designed to retrofit certain specialized fixtures in commercial and industrial buildings, such as automotive inspection lines and advertisement signs. They are a cost effective solution that achieves maximum energy savings while providing best in class quality and durability. Starco's TLED lamps achieve up to 150 lumen per watt and provide an unparalleled quality of light. Our robust electronics withstand extensive voltage surges and perform under heavy duress and high ambient temperatures. This product works with Starco's innovative Fast-Fuse socket kits, which delivers a quick and easy installation.

Project:	
Type:	
Note:	



SPECIFICATION FEATURES

Construction & Materials

- Extruded aluminum heatsink maximizes LED lifetime and provides optimal performance
- Durable frosted or clear UV-resistant polycarbonate tube
- Heavy gauge V-0 flammability class polycarbonate end caps
- Aluminum LED board maximizes heat dissipation
- No glass or mercury is used. Lamp is fully recyclable.

Electrical System

- High efficiency single end powered driver
- Input Voltage: 110-277V, 50/60Hz
- Operating Temperature: -20°C (-4°F) to 45°C (113°F)
- UL Type B direct voltage
- Efficacy up to 150 lm/w
- Wattage: 18W to 40W
- Power Factor: >0.90
- Total Harmonic Distortion: <15%
- Surge Protection: 1.5kV
- FCC Compliant
- Fast-Fuse Technology

Optical System

- High impact polycarbonate optics provides even distribution
- Frosted lens maximize glare reduction. Beam angle is 240°.

Controls

- On/Off with occupancy sensor
- Support multi level on/off control
- Lamp is not dimmable.

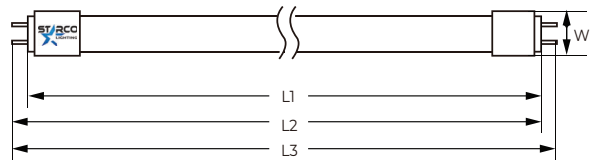
LED

- CRI: 82+
- CCT: 4000K, 5000K
- L₇₀ Lifetime: 186,000 hours @ 25°C
- L₉₀ Lifetime: 59,000 hours @ 25°C
- Gold wire bonding LED chip

Warranty

- 5 Years

DIMENSION



Model	L1		L2		L3	W	Unit
	MAX	MIN	MAX	MAX	MAX		
18 in	17.22	17.50	17.40	17.67	1.14	inch	
450mm	437.4	444.5	442.0	451.6	29.0	mm	

Model	L1		L2		L3	W	Unit
	MAX	MIN	MAX	MAX	MAX		
3 ft	35.22	35.41	35.5	35.78	1.14	inch	
900mm	894.6	899.3	901.7	908.8	29.0	mm	

Model	L1	L2	L3		W	Unit
	MAX	MAX	MIN	MAX	MAX	
46 in	/	/	45.72	45.91	1.14	inch
1166mm	/	/	1161.3	1166.1	29.0	mm

Model	L1		L2		L3	W	Unit
	MAX	MIN	MAX	MAX	MAX		
5 ft	59.06	59.24	59.33	59.61	1.14	inch	
1500mm	1500.0	1504.7	1507.1	1514.2	29.0	mm	

Model	L1		L2		L3	W	Unit
	MAX	MIN	MAX	MAX	MAX		
6 ft	69.44	69.63	69.72	70.00	1.14	inch	
1800mm	1763.8	1768.5	1770.9	1778.0	29.0	mm	

Model	L1		L2		L3	W	Unit
	MAX	MIN	MAX	MAX	MAX		
8 ft	93.30	93.42	93.65	94.00	1.14	inch	
2400mm	2374.3	2379.0	2381.4	2388.5	29.0	mm	



ORDER INFORMATION

SL TLED LAMP

Example: SL-T8-15-DF-4-40-S

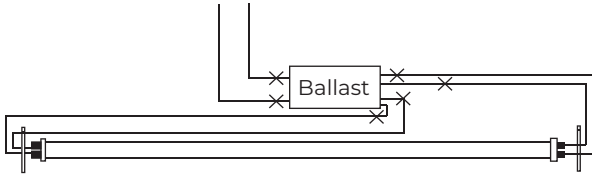
SL						
Series	Type	Wattage	Optics	Size	CCT	Series
SL =Starco Lighting	T8 =T8 Lamp	05 =05W 13 =13W 22 =22W 28 =28W 36 =36W	P =Frosted G13 Bi-pin PF =Frosted Fa8 single pin	C =18in 3 =3ft 5 =5ft 6 =6ft 8 =8ft	40 =4000K 50 =5000K	S =Super Efficiency
Series	Type	Wattage	Optics	Size	CCT	Series
SL =Starco Lighting	T8 =T8 Lamp	18 =18W 22 =22W	P =Frosted G13 Bi-pin	4 =46in	40 =4000K 50 =5000K	I =Irregular High Output
Accessories						
<p>SL-T8K-xF=Fused Wiring Kits, x-number of sockets SL-T8K-xF-y=Other Wiring Kits, y-model of specialty socket SL-T8K-0=AAG-3249 Standard G13 Socket, solid rotary 120-277V STB-x-T8-N-F=Bracket kit, x-2 or 3 for 2lamp or 3lamp, F for Fuse SL-T8K-8R4=2 lamp Strip Bracket Kit</p> <p>SL-T8K-F=In-line Fuse SL-TH-T8=Magnetic Holder G13R17D=G13 to R17 Adapter Label-DY=Danger Label - Yellow Label-SS=Safety Label - Silver</p>						

PERFORMANCE DATA

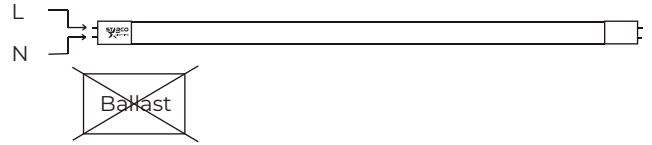
Model	Wattage	Size	CCT	Lens	Lumen Output
SL-T8-05-P-C-40-S	05	18"	4000K	Frosted	700
SL-T8-05-P-C-50-S	05	18"	5000K	Frosted	700
SL-T8-13-P-3-40-S	13	3"	4000K	Frosted	1820
SL-T8-13-P-3-50-S	13	3"	5000K	Frosted	1820
SL-T8-18-P-4-40-I	18	46"	4000K	Frosted	2340
SL-T8-18-P-4-50-I	18	46"	5000K	Frosted	2340
SL-T8-22-P-4-40-I	22	46"	4000K	Frosted	2850
SL-T8-22-P-4-50-I	22	46"	5000K	Frosted	2850
SL-T8-22-P-5-40-S	22	5'	4000K	Frosted	2860
SL-T8-22-P-5-50-S	22	5'	5000K	Frosted	2860
SL-T8-28-P-6-40-S	28	6'	4000K	Frosted	3640
SL-T8-28-P-6-50-S	28	6'	5000K	Frosted	3640
SL-T8-36-P-8-40	36	8'	4000K	Frosted	4500
SL-T8-36-P-8-50	36	8'	5000K	Frosted	4500
SL-T8-36-PF-8-40	36	8'	4000K	Frosted	4500
SL-T8-36-PF-8-50	36	8'	5000K	Frosted	4500

Wiring Diagram

1. Cut off ballast

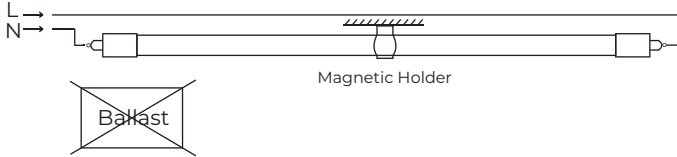


2. Single lamp wiring (except 8' lamps)

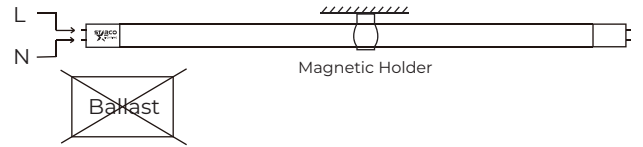


Wiring Diagram 8' Lamps

3. 8' Fa8 lamp wiring



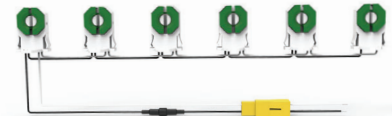
4. 8' G13 or R17D lamp wiring



Kit Accessories

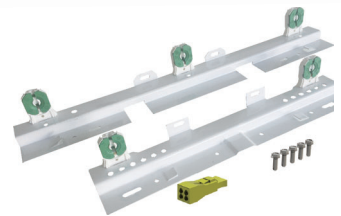
Fast-Fuse Socket Kit - SL-T8K-xF & SL-T8K-xF-y

Starco's TLED lamps work with Starco's Fast-Fuse Socket Kits. These prewired harnesses offer a fast and robust installation process that adds safety and security to a facility's lighting infrastructure. The Fast-Fuse Socket Kits reduce installation time significantly and enable installers to move from fixture to fixture at a steady pace, saving on labor costs. The integrated fuse system mitigates risks involving electrical shorts, arcs, defective sockets, faulty wiring and mistaken replacement of fluorescent lamps.



U-Tube Retrofit Kit - STB-x-T8-N-F

Prewired troffer brackets are designed for simple, safe and trouble free installation. Mounting is easy with slots replacing holes and flexible placement within the existing fixture. The brackets can be mounted either on the inside at the top or on the end cap of the existing troffer.



Variety of Sockets- SL-T8K-x

There is a variety of different lamp holders in existing fluorescent fixtures nowadays. Starco offers a wide variety of lamp holders to meet your fixture requirement.



Fast-Fuse Kit - SL-T8K-F

Prewired inline fuse kit with pigtail and quick disconnect is in compliance with NEC 410.130(G) and adds safety to the circuit. Use this kit when the existing sockets are not necessary to change.



Magnetic Holder - SL-TH-T8

The transparent magnetic holder provides more support in the middle of 8' lamps to prevent sagging without sacrificing light output. The body is made of polycarbonate.

