

Product Description

Starco's shatter-proof TLED lamps are designed to handle even some of the more extreme environments found in the commercial and industrial lighting sectors. They are a cost-effective solution that achieves maximum energy-savings while providing best-in-class quality and durability. Starco's TLED lamps achieve the highest efficacies on the market 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 and enables a quick and easy installation process.



Outstanding Performance

- Starco's TLEDs are a versatile and robust solution that cost-effectively provide maximum energy-savings and integrate with advance controls.
- Work with Starco's Fast-Fuse™ Socket Kits
- Withstand 1-million times on/off cycling
- Withstand high ambient temperatures, voltage surges and spikes
- Have a 8-year uncompromising warranty

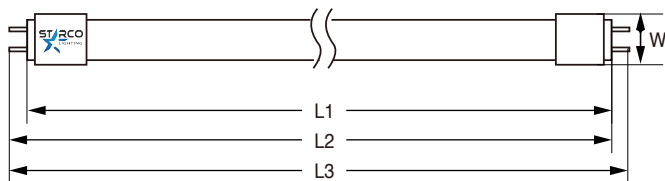
Environmentally Friendly

- Contain no mercury
- Are Glass & lead free
- Are Fully recyclable
- Emit virtually no UV or IR radiation

Applications

- Retail and Office Spaces
- Warehousing & Storages
- Food Processing
- Manufacturing
- Refrigeration & Freezers
- Parking Garages
- Industrial Facilities
- Other commercial, industrial and outdoor applications

Production Dimensions



Model	L1		L2		L3	W	Unit
	MAX	MAX	MIN	MAX	MAX	MAX	
2 ft	23.61	23.71	23.75	23.89	0.57		inch
600mm	599.5	602.1	606.3	606.8	14.5		mm

Primary Spec and Order Information

GENERAL ORDERING INFORMATION	
Product & Ordering Number	SLT809P2XX-S
Product Type	UL(B)-ballast by pass
Certificates	cULus / CE/ DLC
Length	2 ft (600mm)
Initial Lumens @5000K	1215lm
Wattage	9W
LPW(lumens/watts)	135
Working Temperature	-20~45°C
Case Qty.	25pcs
Lumen Maintenance(L70)	70,000hrs
Limited Life Warranty	8 years

ELECTRICAL SYSTEM	
Rated Wattage	9W ± 5%
Nominal Voltage	100-277V
Operating Frequency	50/60Hz
Power Factor	>0.9
Surge Protection	1500V
Total Harmonic Distortion	<15%

PHOTOMETRIC DATA	
Reflector Type	Frosted Diffuser
Primary CCT (Kelvin)	5000K
Secondary CCTs(Kelvin)*	4000K/ 3500K/ 3000K
CCT Steps	6
CRI (Ra)	82
Beam Angle	240°

*Initial lumens may vary on "Secondary CCTs"

MECHANISM & CONTROL	
Finishing	Polycarbonate
Glass-Free	Yes
Lamp Base	G13
Install Kits	Fast-Fuse Socket Kit
Control Option	Occupancy sensor-ON /OFF
Dimmable	No

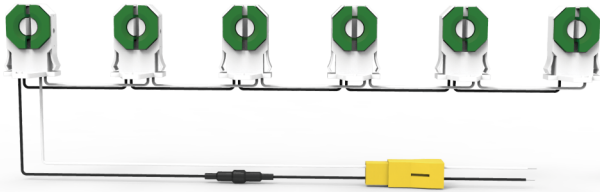
Ordering Information

Example: SLT809P250-S						
Family	Lamp	Watt	Cover	Length	CCT	Series
SL	T8	09	P	2	30	-S
Starco	T8	09=9W	P-Frosted	2-2ft	30-3000K 35-3500K 40-4000K 50-5000K	SES series



Fast-Fuse™ Socket Kit

Starco's TLED lamps work with Starco's Fast-Fuse™ Socket Kits. These pre-wired harnesses offer a fast and robust installation processes that add safety and security to a facilities lighting infrastructure. With the Fas-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, bad sockets, faulty wiring and mistaken replacement of fluorescent lamps.

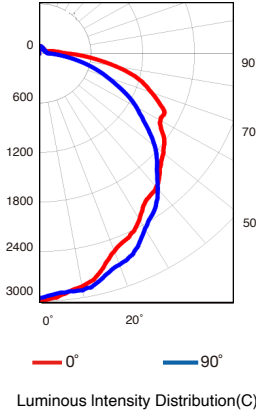


Premium Warranty

This product is covered under Starco's Premium Warranty and can be serviced through Starco Lighting (USA), Starco Lighting (China) and any authorized distributor in North America, Europe and Asia. Starco Lighting will replace or refund, at Starco's discretion, any products that fail to meet the warranty and specification terms.

Photometry

The photometric data is collected from the testing of Starco's HB5V series 4-lamp interchangeable highbay light installed with 4pcs of SLT809P250-S. Fixture photometry has been conducted in accordance with IESNA LM-79-08.



y	Fzone	Ftotal	%lamp	%lum
0- 10	162.54	162.54	2.83	2.83
10- 20	457.04	619.59	10.76	10.76
20- 30	675.69	1295.27	22.50	22.50
30- 40	807.53	2102.81	36.52	36.52
40- 50	857.39	2960.20	51.40	51.40
50- 60	825.47	3785.67	65.74	65.74
60- 70	737.82	4523.49	78.55	78.55
70- 80	572.18	5095.67	88.48	88.48
80- 90	296.71	5392.38	93.63	93.63
90- 100	107.84	5500.23	95.51	95.51
100- 110	61.34	5561.57	96.57	96.57
110- 120	49.70	5611.27	97.43	97.43
120- 130	42.14	5653.41	98.17	98.17
130- 140	35.66	5689.06	98.79	98.79
140- 150	29.27	5718.34	99.29	99.29
150- 160	22.21	5740.55	99.68	99.68
160- 170	13.99	5754.54	99.92	99.92
170- 180	4.75	5759.29	100.00	100.00
DEG	UNIT: lm			

y	C0	C45	C90	C135	C180	C225	C270	C315
10	1671.5	1676.5	1698.6	1705.2	1698.4	1697.9	1669.0	1666.8
20	1486.9	1539.2	1588.4	1572.4	1515.6	1540.0	1559.4	1503.7
30	1355.2	1357.3	1431.0	1378.6	1367.0	1357.6	1412.8	1329.5
40	1232.1	1168.2	1247.6	1193.3	1250.9	1173.8	1225.2	1149.8
50	1096.0	980.2	1020.7	1014.6	1123.0	1023.2	988.4	981.8
60	947.3	804.1	758.6	842.1	987.1	855.0	722.6	803.7
70	807.8	657.7	488.4	684.2	816.0	702.5	456.1	664.2
80	524.8	457.7	242.0	480.4	489.6	448.8	209.4	428.1
90	186.9	143.9	66.3	159.5	175.5	141.2	82.7	143.0
100	86.0	53.5	49.1	59.6	94.9	71.3	69.1	71.5
110	44.9	41.3	43.3	42.8	65.1	61.2	60.2	60.1
120	43.3	38.8	40.8	40.9	58.0	55.5	54.3	53.5
130	42.9	38.1	40.5	41.3	54.2	52.5	52.0	49.9
140	43.6	38.8	42.0	43.1	53.0	52.1	51.5	48.3
150	44.7	40.7	44.4	45.4	52.6	52.7	51.4	48.1
160	46.9	44.0	46.9	47.8	52.3	52.8	51.7	48.9
170	49.1	47.6	48.9	49.2	51.4	51.8	52.0	49.9
180	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DEG	LUMINOUS INTENSITY: cd							