

Product Description

Starco's shatter-proof TLED lamps are designed for the challenges with energy reduction and industrial safety compliance. We offer superior quality and the highest energy efficiency on the market. Our robust LED driver system withstands extensive surge voltage and high ambient temperature. This product works with Starco's innovative "Fast-Fuse" socket kit for less labor and more safety.



Outstanding Performance

- Working with Starco's fuse socket technology to simplify the installation work as easy and safe
- High ambient temperature proof, over-voltage protections
- Elevated brightness level and high lumen efficacy, qualified for DLC 4.0
- 1 million times on/off guarantee, 1500V surge-volt protection
- 8-year uncompromising lifetime warranty

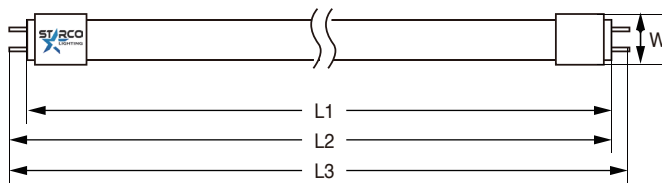
Green and Sustainable

- No mercury allowing for non-hazardous waste disposal
- Emits virtually no UV or IR rays
- Glass-free for industrial and commercial preference

Preference in Applications

- All industrial and commercial sites, low-ceiling and low-bay areas
- Parking lot, retail stores

Product Dimensions



Model	L1		L2		L3	W	Unit
	MAX	MAX	MIN	MAX	MAX	MAX	
4 ft	47.22	47.41	47.50	47.78	1.14		inch
1200 mm	1199.4	1204.1	1206.5	1213.6	29.0		mm

Primary Specifications

GENERAL INFORMATION	
Product & Ordering Number	SLT815P440-S
Product Type	UL(B)-ballast by pass
Certificates	cULus / CE/ DLC
Length	4 ft (1200mm)
Initial Lumens @4000K	2100lm
Wattage	15W
LPW(lumens/watts)	140
Working Temperature	-20~45°C
Case Qty.	25 pcs
Lumen Maintenance(L70)	70,000 hrs
Limited Lifetime Warranty	8 years

ELECTRICAL SYSTEM	
Rated Wattage	15W ± 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)	4000K
Secondary CCTs(Kelvin)*	5000K/ 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

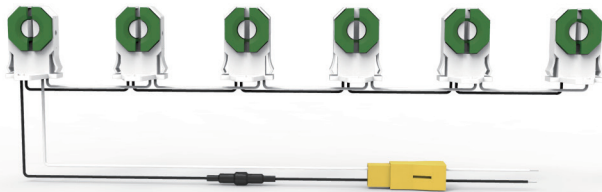
Example: SLT818P440-S						
Family	Lamp	Watt	Cover	Length	CCT	Series
SL	T8	18	P	4	40	-S
Starco	T8	13-13W	P-Frosted C-Clear	2-2ft	30-3000K	SES series
		15-15W		3-3ft	35-3500K	
		18-18W		4-4ft	40-4000K	
		22-22W		5-5ft	50-5000K	
		28-28W		6-6ft 8-8ft	60-6000K	



Fast-Fuse™ Socket Kit

This product works with Starco's **Fast-Fuse™** socket kits.

With this pre-wired harness, we offer a turn-key solution plan, requiring less labor but providing more safety. With only three steps to complete the installation work, the lighting fixtures will steadily operate for eight years. The **Fast-Fuse™** socket kit has a built-in fuse system to prevent the harm caused by the wrong replacement of fluorescent tubes and fire risk from direct contact of LED tubes to line voltage.



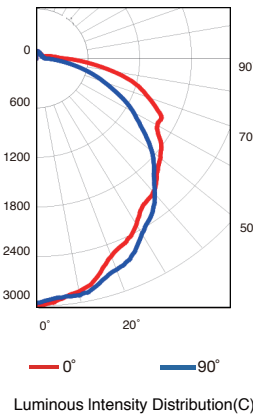
Premium Warranty

This product is under Starco's **Premium-Warranty**. The program is effective through Starco Lighting (USA), Starco

Lighting (China) and authorized distributors in North America, Europe and Asia. Throughout the warranty period, Starco will replace or refund a product that fails (depending on Starco's warranty terms and conditions).

Photometry

The photometric data is collected from the testing of Starco's HB5V series 4-lamp interchangeable highbay light installed with 4pcs of SLT815P440-S. Fixture photometry has been conducted in accordance with IESNA LM-79-08.



γ	Fzone	Ftotal	%lamp	%lum
0- 10	182. 61	182. 61	2. 79	2. 79
10- 20	514. 04	696. 65	10. 64	10. 64
20- 30	760. 82	1457. 47	22. 26	22. 26
30- 40	912. 37	2369. 84	36. 19	36. 19
40- 50	974. 35	3344. 18	51. 07	51. 07
50- 60	937. 83	4282. 01	65. 39	65. 39
60- 70	845. 29	5127. 29	78. 29	78. 29
70- 80	656. 35	5783. 64	88. 32	88. 32
80- 90	343. 40	6127. 05	93. 56	93. 56
90- 100	126. 87	6253. 92	95. 50	95. 50
100- 110	70. 93	6324. 85	96. 58	96. 58
110- 120	56. 54	6381. 39	97. 44	97. 44
120- 130	47. 86	6429. 25	98. 17	98. 17
130- 140	40. 45	6469. 70	98. 79	98. 79
140- 150	33. 18	6502. 87	99. 30	99. 30
150- 160	25. 15	6528. 03	99. 68	99. 68
160- 170	15. 83	6543. 86	99. 92	99. 92
170- 180	5. 38	6549. 24	100. 01	100. 01
DEG	UNIT: lm			

γ	C0	C45	C90	C135	C180	C225	C270	C315
10	1891. 2	1884. 8	1892. 9	1915. 6	1918. 5	1915. 1	1885. 3	1871. 2
20	1674. 5	1729. 8	1769. 5	1764. 4	1721. 7	1742. 0	1756. 6	1686. 9
30	1521. 3	1523. 3	1602. 6	1546. 5	1568. 4	1543. 5	1586. 5	1499. 0
40	1406. 2	1312. 1	1395. 5	1342. 2	1469. 8	1347. 3	1379. 4	1300. 5
50	1229. 2	1104. 7	1141. 1	1161. 4	1297. 4	1195. 5	1124. 3	1117. 9
60	1087. 2	898. 6	843. 9	962. 5	1183. 3	986. 7	821. 5	901. 7
70	912. 2	743. 6	549. 6	788. 7	961. 9	827. 4	517. 5	757. 4
80	606. 0	523. 2	272. 6	554. 2	578. 8	525. 5	236. 1	490. 5
90	220. 8	168. 1	76. 0	185. 8	222. 8	170. 9	94. 6	159. 7
100	102. 5	64. 0	55. 9	72. 3	124. 9	85. 7	78. 8	80. 8
110	51. 9	47. 2	49. 2	48. 6	75. 6	70. 2	68. 3	67. 4
120	49. 8	44. 4	46. 3	46. 2	67. 0	63. 5	61. 4	60. 0
130	49. 5	43. 5	46. 2	46. 4	62. 9	59. 9	58. 7	56. 1
140	50. 1	44. 3	47. 7	48. 4	61. 2	59. 5	58. 2	54. 2
150	51. 5	46. 4	50. 0	51. 1	60. 5	60. 2	58. 2	53. 8
160	54. 0	50. 0	52. 8	53. 5	60. 0	60. 3	58. 4	54. 7
170	56. 4	54. 2	55. 6	55. 0	59. 4	59. 0	58. 4	55. 9
180	0. 0	0. 0	0. 0	0. 0	0. 0	0. 0	0. 0	0. 0
DEG	LUMINOUS INTENSITY: cd							