



Direct8™
LED

T8 Tubes

Type A Instant /
Programmed
Start Ballasts



TCP's Direct8 tubes are the perfect replacement for old fluorescent lighting. Remove the existing T8 fluorescent and replace with Direct8 Type A plug and play tubes. These tubes feature multiple ballast compatibility including Instant Start, Programmed Start, Rapid Start, and Dimmable ballasts.

Reasons to choose the LED T8 IS/PS Tubes from TCP

- >50% Energy savings over traditional fluorescent
- 50,000 hour life minimizes the need for replacements and labor costs
- Compatible with Instant, Rapid or Programmed Start ballasts and most traditional fluorescent ballasts
- No rewiring of fixture necessary
- Dimmable (0-10V dimming ballasts recommended)
- Instant on/off
- No mercury – great for all environments
- Rated for enclosed fixtures
- 4' tubes and U6 tube options available
- No UV

Ideal Applications

- Offices
- Retail Stores
- Schools
- Restaurants
- Lobbies
- Hospitals

Specifications:

Listing

UL/cUL Listed – damp location rated
 DLC rated
 Approved for open and enclosed fixtures
 PET Coated is NSF Listed Std 2

Warranty

Five years against defects in manufacturing

LED T8 Tube
 4 foot
 L15T8-SC



LED T8 Tube
 4 foot
 L12T8PS



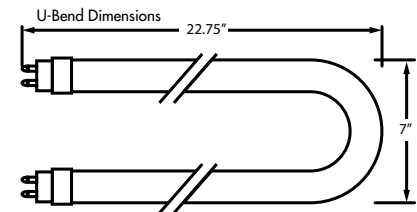
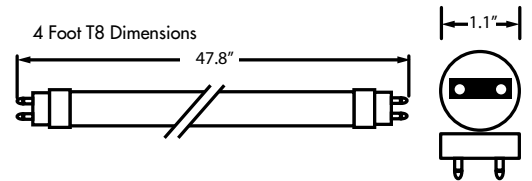
LED U-Bend T8 Tube
 6 inch



Item #	Min Starting Temp	Max Operating Temp	Voltage	NSF 2 Rated	Beam Angle	Field Angle*	PF	THD**
L12T8PS	-20C / -4F	45C / 113C	120-277, 347V	no	190°	310°	> .99	< 8%
L13T8U	-20C / -4F	45C / 113C	120-277, 347V	no	160°	325°	> .99	< 8%
L15T8-SC	-20C / -4F	45C / 113C	120-277, 347V	yes	160°	300°	> .99	< 8%

NOTE: Use shunted sockets for Instant Start ballasts. Use unshunted sockets for Rapid, Programmed, and Dimmable ballasts.

*Calculated **At 120v, ballast dependent





DirecT8 IS/PS T8 Tubes

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Item#	Description	DLC	LED Watts	System Watts*			Initial Lumens*			NBF System LPW	CRI	REPL Fluor. Watts	MOL	DIA	Base	Color Temp	Warranty Years	Master Pack
				LBF	NBF	HBF	LBF	NBF	HBF									
LED T8 ALL GLASS – 50,000 HOURS																		
DLC LOOK-UP# T80401AXXE																		
L12T8PS5030K	LED 12W 4' T8 IS/PS 30K	T80401A30E	12W	13.0	14.9	21.5	1260	1700	2280	114.1	80	32W	47.8	1.0	G13	3000K	5	25
L12T8PS5035K	LED 12W 4' T8 IS/PS 35K	T80401A35E	12W	13.0	14.9	21.5	1300	1750	2340	117.4	80	32W	47.8	1.0	G13	3500K	5	25
L12T8PS5041K	LED 12W 4' T8 IS/PS 41K	T80401A41E	12W	13.0	14.9	21.5	1340	1800	2400	120.8	80	32W	47.8	1.0	G13	4100K	5	25
L12T8PS5050K	LED 12W 4' T8 IS/PS 50K	T80401A50E	12W	13.0	14.9	21.5	1380	1850	2480	124.2	80	32W	47.8	1.0	G13	5000K	5	25
LED T8 PET COATED GLASS – 50,000 HOURS																		
DLC LOOK-UP L15T8D50XXKSC (NSF RATED)																		
L15T8D5030KSC	LED 15W 4' T8 IS/RS SC 30K	L15T8D5030KSC	15W	14.5	18	21.5	1600	2000	2350	111.1	80	32W	47.8	1.0	G13	3000K	5	25
L15T8D5035KSC	LED 15W 4' T8 IS/RS SC 35K	L15T8D5035KSC	15W	14.5	18	21.5	1600	2000	2350	111.1	80	32W	47.8	1.0	G13	3500K	5	25
L15T8D5041KSC	LED 15W 4' T8 IS/RS SC 41K	L15T8D5041KSC	15W	14.5	18	21.5	1650	2050	2450	113.9	80	32W	47.8	1.0	G13	4100K	5	25
L15T8D5050KSC	LED 15W 4' T8 IS/RS SC 50K	L15T8D5050KSC	15W	14.5	18	21.5	1700	2200	2500	122.2	80	32W	47.8	1.0	G13	5000K	5	25
LED T8 U6 PLASTIC – 50,000 HOURS																		
DLC LOOK-UP L13T8UD50XXK																		
L13T8UD5030K	LED 13W U6 T8 IS/RS 30K	L13T8UD5030K	13W	13	16.0	22.0	1400	1800	2500	112.5	80	32W	22.5	7.0	G13	3000K	5	12
L13T8UD5035K	LED 13W U6 T8 IS/RS 35K	L13T8UD5035K	13W	13	16.0	22.0	1400	1800	2500	112.5	80	32W	22.5	7.0	G13	3500K	5	12
L13T8UD5041K	LED 13W U6 T8 IS/RS 41K	L13T8UD5041K	13W	13	16.0	22.0	1450	1850	2550	115.6	80	32W	22.5	7.0	G13	4100K	5	12
L13T8UD5050K	LED 13W U6 T8 IS/RS 50K	L13T8UD5050K	13W	13	16.0	22.0	1500	1900	2600	118.8	80	32W	22.5	7.0	G13	5000K	5	12

Ballast compatibility tests are performed under a controlled lab environment. Field conditions may vary from this type of environment. Ballasts may differ by age and could have undergone revisions under the same item number affecting compatibility. Compatibility may also extend beyond this list. TCP recommends trying a few ballast-lamp combinations in an on-site test to ensure compatibility and performance before a major installation.



CONFORMS TO NSF STD. 2



To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/qpl.



5 YEAR WARRANTY
*Based on 12 hours use per day