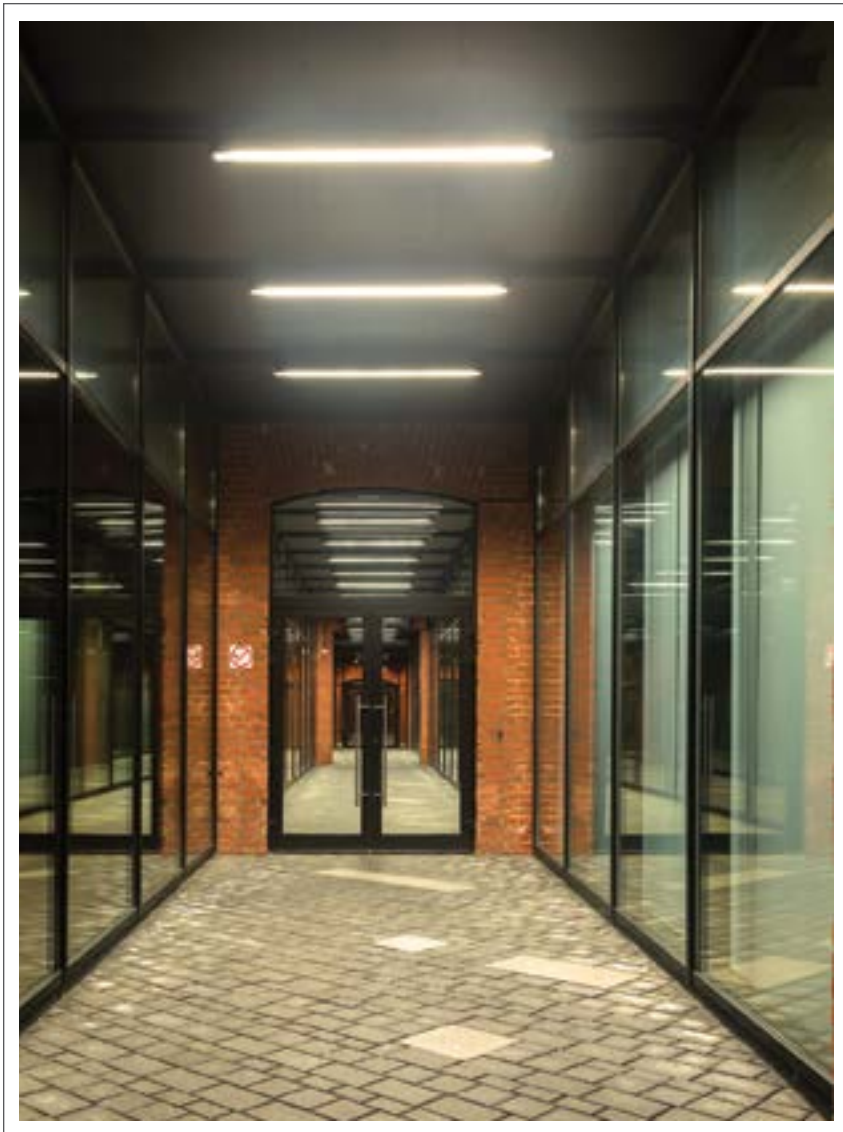




1000Bulbs.com
EXCLUSIVE



LED T8 Type A Tubes (Direct Replacement)



TCP has a new generation of LED compatible replacement T8 tubes for linear fixtures. LED T8 tubes that are compatible with instant start ballasts.

Limitless Options for the following applications:

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

CONTACT

your 1000Bulbs.com Representative
for more information at: **(800) 624-4488**

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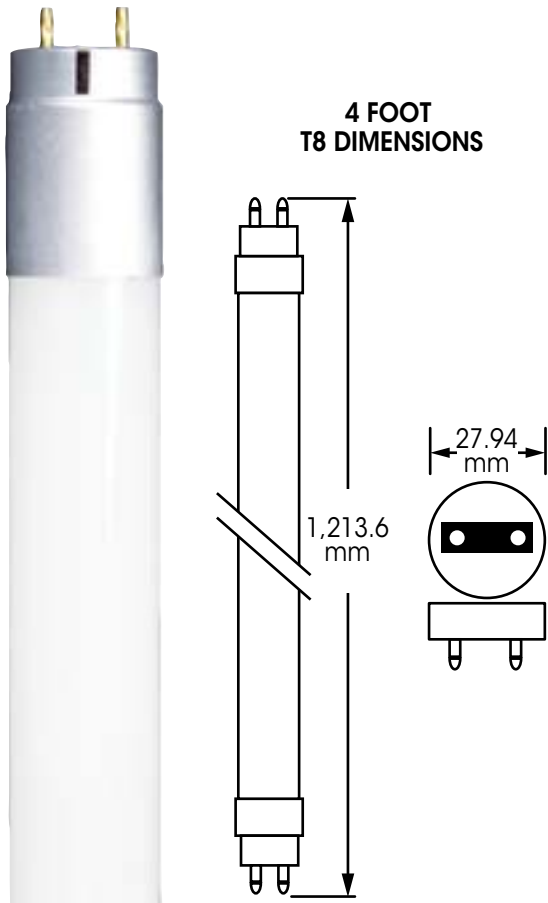
ETL CLASSIFIED



RoHS
COMPLIANT

5 YEAR
WARRANTY

LED T8 Type A Tubes



FEATURES and BENEFITS

>50% energy savings (based on T8 NBF energy use)

Long 50,000 hour rated life—minimizes replacements and labor costs

Compatible with Instant Start ballasts and most traditional fluorescent ballasts

No rewiring of fixture—simply replace fluorescent lamp with LED lamp

Instant on/off

No mercury—great for all environments

Approved for open and enclosed fixtures

No UV

SPECIFICATIONS

Base Type: G13

Construction: Double ended

Wattage: 15w, 18w

Input Line Voltage: 120-277V

Minimum starting temperature range: -20C / -5F

Safety: ETL Classified

Environment: Damp/dry locations

Enclosed: Suitable for enclosed luminaires

Rated life: 50,000+ hours

Beam Angle: 190°

Field Angle: 300°

DLC Listed: DLC Standard 5.1

WARRANTY

Five years against defects in manufacturing

ETL CLASSIFIED



Intertek



5 YEAR WARRANTY

ITEM	MODEL	VOLTAGE	ACTUAL POWER CONSUMPTION	LUMENS	CRI	POWER FACTOR	COLOR TEMP	DIM/ND	MIN STARTING TEMP	LENGTH	WEIGHT	LIFESPAN	ETL LISTED	DLC LISTED
TCP-10196	T80425	120-277V (Ballast)	15W	2000lm	>80	>0.9	4100K	ND	-20C / -5F	1,213.6mm	190g±5%	50,000 hrs	YES	T8042541E
TCP-10197	T80425	120-277V (Ballast)	15W	2000lm	>80	>0.9	5000K	ND	-20C / -5F	1,213.6mm	190g±5%	50,000 hrs	YES	T8042550E
TCP-10198	T80433	120-277V (Ballast)	18W	2400lm	>80	>0.9	4100K	ND	-20C / -5F	1,213.6mm	190g±5%	50,000 hrs	YES	T8043341E
TCP-10199	T80433	120-277V (Ballast)	18W	2400lm	>80	>0.9	5000K	ND	-20C / -5F	1,213.6mm	190g±5%	50,000 hrs	YES	T8043350E

NOTE: Use shunted sockets for Instant Start ballasts

LED T8 TYPE A TUBES Ballast Compatibility Guide

MANUFACTURER	SERIES	MODEL	VOLTAGE
General Electric		GE132MAX-L/ULTRA	UNIV
		GE132MAXP-N/ULTRA	UNIV
		GE232MAX347-N	347
		GE232MAX-N/ULTRA	UNIV
		GE232MAX-G-N/ULTRA	UNIV
		GE232MAXP-H/ULTRA	UNIV
		GE332MAXP-H/ULTRA	UNIV
		GE332MAXP-N/ULTRA	UNIV
		GE332MAX-L/ULTRA	UNIV
		GE332MAX-G-N	UNIV
		GE432MAX347-N	347
Osram	QHE	2x32T8/ISN-SC	UNIV
	QHE	2x32T8/ISN-SC	347
Philips	Advance	GOPA-2P32-SC	347
	Advance	GOPA-4P32-SC	347
	Advance	ICN-2P32-N	UNIV
	Advance	ICN-3P32-N	UNIV
	Advance	ICN-4P32-N	UNIV
	Advance	IOP-2P32-LW-N	UNIV
	Advance	IOP-3P32-N	UNIV
	Advance	IOPA-4P32-LW-N	UNIV
	Advance	IOPA-4P32-LW-SC	UNIV
	Advance	IOPA-4P32-N	UNIV
TCP		E2P32ISUNVE	UNIV
		E2P32ISUNVHE	UNIV
		E2P32ISUNVLE	UNIV
		E3P32ISUNVE	UNIV
		E3P32ISUNVHE	UNIV
		E3P32ISUNVLE	UNIV
		E4P32ISUNVE	UNIV
		E4P32ISUNVHE	UNIV
		E4P32ISUNVLE	UNIV
Universal Lighting Technologies	Triad	B132IUNVHP-N	UNIV
	Triad	B232IUNVHP-N	UNIV
	Triad	B332IUNVHP-A	UNIV
	Triad	B432IUNVHP-A	UNIV
	Triad	B232I347HP-A	347
	Triad	B432I347HP-000C	347
IOTA		I-320 IOTA EMERGENCY BALLAST	



TECHNOLOGY CAST IN A BEAUTIFUL LIGHT

For over 20 years, TCP has been designing, developing and delivering energy-efficient lighting into the market. Thanks to our cutting-edge technology and manufacturing expertise, we have shipped billions of high quality lighting products. With TCP, you can count on a lighting product that is designed to meet the needs of the market—that transforms your surroundings and envelopes you in warmth—lighting that generates beauty with every flip of the switch.

