



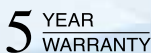
LED Libera T8

Ballast Bypass LED T8 Tubes

LED compatible replacement for linear fixtures that operate independently of ballasts.

Limitless Options
for the following applications:

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



we know light.™



Features and Benefits

>40% energy savings;

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

Instant on/off;

No mercury — great for all environments;

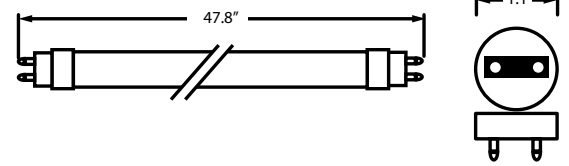
Rated for enclosed fixtures;

No energy losses due to fluorescent ballast.

LED T8 Tube
4 foot



Dimensions



Specifications

Item#	Model	Voltage	Actual Power Consumption	Lumens	CRI	Power Factor	Color Temp.	Min Starting Temp.	DIM/ND	Length	Weight	Lifespan	Cert	DLC Part #
TCP-10192	T80446	120-277V	15W	2000lm	>80	>0.9	4100K	-20 C / -5 F	ND	1,213.6mm	190g±5%	50,000 hrs	ETL	T8044641E
TCP-10193	T80446	120-277V	15W	2000lm	>80	>0.9	5000K	-20 C / -5 F	ND	1,213.6mm	190g±5%	50,000 hrs	ETL	T8044650E
TCP-10194	T80450	120-277V	18.5W	2400lm	>80	>0.9	4100K	-20 C / -5 F	ND	1,213.6mm	190g±5%	50,000 hrs	UL	N/A
TCP-10195	T80450	120-277V	18.5W	2400lm	>80	>0.9	5000K	-20 C / -5 F	ND	1,213.6mm	190g±5%	50,000 hrs	UL	N/A

Listing

UL/ETL Listed – damp location rated

Approved for open and enclosed fixtures

DLC Listed - DLC Standard 5.0

Warranty

Five years against defects in manufacturing

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.

