



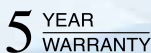
LED Libera T8

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;

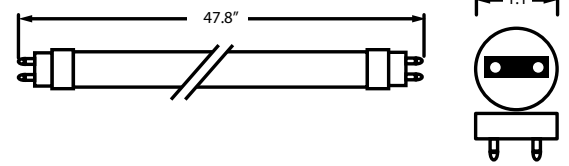
Rated for enclosed fixtures;

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
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
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
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
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

Listing

UL/ETL Listed – damp location rated

Approved for open and enclosed fixtures

Warranty

Five years against defects in manufacturing



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



5 YEAR WARRANTY

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.



For more information on the quality and care TCP can deliver, call us at **800.324.1496** or visit tcp.com

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