TCP Liberal 8

LED LiberaT8 Tubes **Ballast Bypass** 120V Rated

TCP's LED T8 Type B 120V tubes offer the perfect LED compatible replacement for linear fixtures that operate independently of ballasts.

Reasons to choose LED LiberaT8 Tubes from TCP

- >50% energy savings over fluorescent
- Long life: 50,000 hours
- Bypass Application: 120V line voltage
- Instant on/off
- Non-flickering

Ideal Applications

- Offices
- Restaurants

- Retail Stores
- Lobbies

- Schools
- Hospitals

Specifications:

Base Types	G13
Wattage	13.5W
Voltage	
Minimum Starting Temperature Range:	-22°F / -30°C
Safety	UL Classified

Enclosed Rated Life Beam Angle	Damp/Dry Locations Suitable for enclosed luminaires L70 50,000+ hours 4 foot 190°







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TCP[®] 325 Campus Dr. | Aurora, Ohio 44202 | P: 800-324-1496 | tcpi.com

- Highly durable PET coated glass 4 foot tubes
- UL rated for enclosed fixtures
- No energy losses due to fluorescent ballast
- Can be wired single or double ended



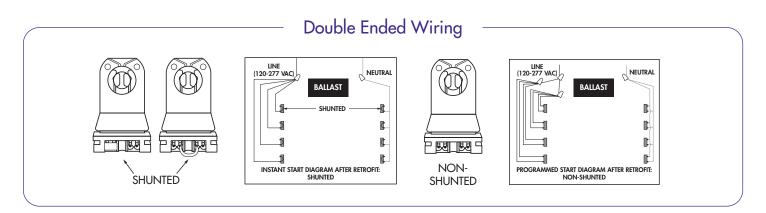
LED LiberaT8™ Tubes

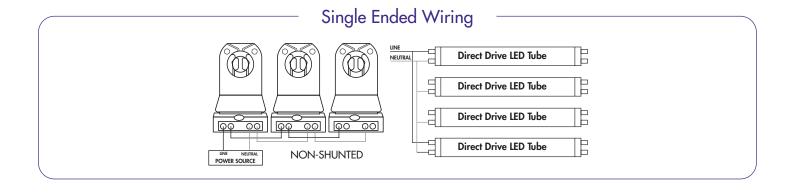
Specifications:



Five years against defects in manufacturing

Wiring Diagrams:









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LED Type B Tubes – 4'

ltem#	Description	LED Wattage	Voltage	Fluorescent Equivalency	Lumens	LPW	Base	ССТ	CRI	Bulk Pack*
ALL GLASS										
LED 13.5 WATT T8	TUBE – 4 FOOT TYPE B	DLC# T804	15C41E							
LT813B241KBP	LED 13.5W 4' T8 2E BYPASS 41K BP	13.5	120V	32W	1900	140.7	G13	4100K	80	1
PET COATED GLASS DLC# T80415BXXE										
L13T8BY5035KBP	LED 13.5W 4' T8 2E BY 35K SC BP	13.5	120V	32W	1800	133.3	G13	3500K	80	1
L13T8BY5041KBP	LED 13.5W 4' T8 2E BY 41K SC BP	13.5	120V	32W	1900	140.7	G13	4100K	80	1
L13T8BY5050KBP	LED 13.5W 4' T8 2E BY 50K SC BP	13.5	120V	32W	2000	148.1	G13	5000K	80	1

*25 tubes per carton

For the most up-to-date specs and warranty information, please visit www.tcpi.com





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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.

Sales:	Catalog Number:
Date:	Туре:
Model:	Notes:
Project:	TCD
Rep:	we know light."

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