



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
- 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

Ideal Applications

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

Specifications:

Base Types.....G13
 Wattage.....13.5W
 Voltage.....120V
 Minimum Starting Temperature Range: -22°F / -30°C
 Safety.....UL Classified

Environment.....Damp/Dry Locations
 Enclosed.....Suitable for enclosed luminaires
 Rated Life.....L70 50,000+ hours
 Beam Angle.....4 foot 190°
 Field Angle.....4 foot 300°

Specifications:

Shatterproof PET Coated Glass

All Glass

Listing



4 foot G13 base



4 foot G13 base

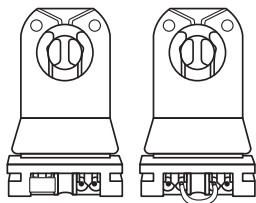


Warranty

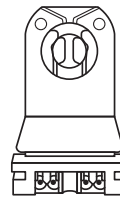
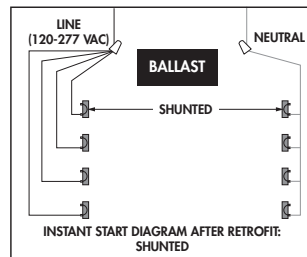
Five years against defects in manufacturing

Wiring Diagrams:

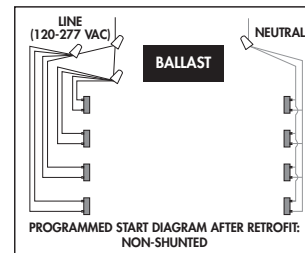
Double Ended Wiring



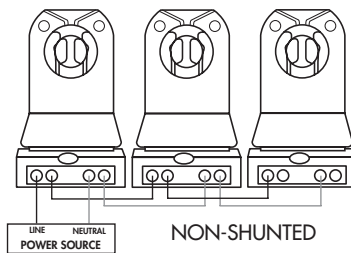
SHUNTED



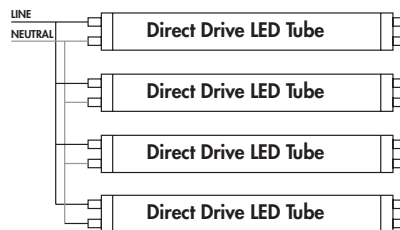
NON-SHUNTED



Single Ended Wiring



NON-SHUNTED





LED LiberaT8™ Tubes

LED Type B Tubes – 4'

Item#	Description	LED Wattage	Voltage	Fluorescent Equivalency	Lumens	LPW	Base	CCT	CRI	Bulk Pack*
ALL GLASS										
LED 13.5 WATT T8 TUBE – 4 FOOT TYPE B		DLC# T80415C41E								
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



Intertek
4005203

CONFORMS TO NSF STD. 2



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:

Date:

Model:

Project:

Rep:

Catalog Number:

Type:

Notes:



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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