

## Linear LED T8 BALLAST BYPASS



### Significant Energy Savings and Seamless Light Distribution

Topaz's LED ballast bypass T8 LED lamp offers an energy efficient replacement for traditional fluorescent T8 systems. In addition to single-end wire connection, these new tubes feature an end-to-end wire connection option greatly reducing retrofit labor and the additional expense of replacing non-shunted lamp sockets. These lamps are DLC qualified, NSF approved and are rated for damp locations.

### FEATURES

- Ballast bypass with end-to-end connection minimizes labor and eliminates need for additional non-shunted sockets
- Alternate to install as single-end bypass\*
- Extremely long life and energy efficient
- Frosted glass tube construction with PET shatter protection
- Easy and safe replacement for traditional T8 lamps

### SUGGESTED APPLICATIONS

- Office, retail, hospitality, warehouse

\* Ballast Bypass Type B operation requires non-shunted lampholders



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### GENERAL SPECIFICATIONS

**Input Voltage, Frequency Hz:** 120-277V, 50/60Hz  
**Power Factor / THD %:** >.90, <20%  
**Lamp Efficacy:** Up to 129 LPW  
**UL Type B, Ballast Bypass**  
**Non-Dimmable**  
**CRI:** >80  
**Beam Angle:** 160°

**Light Emitting Area:** 210°  
**Functional Life (L70):** 50,000 hours  
**Location Rating:** Damp  
**Ambient Operating Temperature:** -4° to 104° F  
**Enclosed Fixture Rating:** Suitable for enclosed fixtures  
**Dual-End (Single and End-to-end)**  
**Base:** G13

### ITEM SPECIFICATIONS / ORDER INFO

Catalog Number	Order Code	UPC	Lumens	Lamp Watts	CCT	Input Amps	DLC ID
L4T8B/35K/14F/DE-39	70242	751338035270	1,700	14W	3500K	0.125A	PLG37ATCANE2
L4T8B/40K/14F/DE-39	70243	751338035287	1,800	14W	4000K	0.125A	PL676AKDPY63
L4T8B/50K/14F/DE-39	70244	751338035294	1,800	14W	5000K	0.125A	PLSUEPQEHA12
L4T8B/65K/14F/DE-39	70245	751338035331	1,800	14W	6500K	0.125A	N/A
L4T8B/40K/17F/DE-39	70247	751338035300	2,200	17W	4000K	0.146A	PLILGXTXMOV6
L4T8B/50K/17F/DE-39	70248	751338035317	2,200	17W	5000K	0.146A	PLMHXS6TNYG

### NOMENCLATURE

Example: **L4T8B/35K/14F/DE-39**  
**L4T8B**=LED 4 Ft T8 Ballast Bypass / **35K**=3500K CCT / **14F**=14W Frosted / **DE**=Dual-End  
**40K**=4000K CCT / **17F**=17W Frosted  
**50K**=5000K CCT  
**65K**=6500K CCT

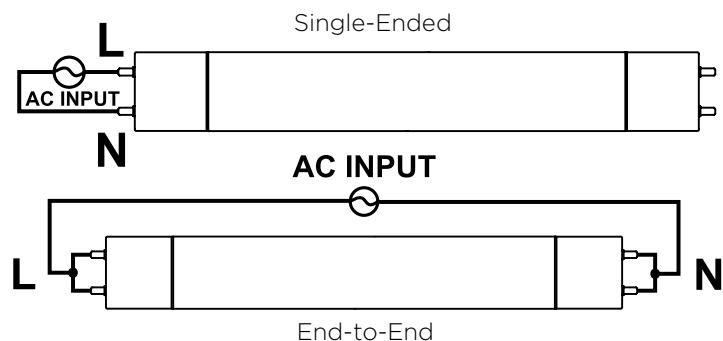
### ENERGY SAVINGS

Catalog Number	LED Watts	Fluorescent Replacement Watts	Watts Saved	Yearly Savings	5 Year Savings
<b>Based on 12 hours/day and .11¢/kwh</b>					
L4T8B/35K/14F/DE-39	14W	32W T8	18W	\$8.67	\$43.36
L4T8B/40K/14F/DE-39	14W	32W T8	18W	\$8.67	\$43.36
L4T8B/50K/14F/DE-39	14W	32W T8	18W	\$8.67	\$43.36
L4T8B/65K/14F/DE-39	14W	32W T8	18W	\$8.67	\$43.36
L4T8B/40K/17F/DE-39	17W	32W T8/HO	15W	\$7.23	\$36.14
L4T8B/50K/17F/DE-39	17W	32W T8/HO	15W	\$7.23	\$36.14

### PRODUCT DIMENSIONS

Catalog Number	MOL	MOD	Weight
L4T8B/XXK/XXF/DE-39	47.8"	1"	0.44 Lbs.

### WIRING DIAGRAM



#### NOTES:

Specifications subject to change without prior notice.

Replacement wattage shown depends on application and fixture.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

**WARNING:** Some products included in this specification sheet may be subject to the warning requirements of California's Proposition 65. Please refer to your product packaging for more information.

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