



Linear LED T5 BALLAST COMPATIBLE

Optimal Plug and Play Solution for Commercial Applications

A simple plug and play solution, offered in 2 and 4 foot lengths and compatible with most program start T5/HO ballasts. Topaz's new Direct Fit LED Retrofit T5 can be easily installed without any additional wiring. PET coating meets NSF standards, so this lamp is ideally suited for your office building applications.

FEATURES

- Plug and play replacement for T5/HO fluorescent lamps
- Compatible with most program rapid start T5/HO ballasts
- Shatterproof PET coating ensures occupant safety
- Significant energy savings versus traditional fluorescents; 50,000 hour functional life reduces maintenance costs
- Pleasing correlated color temperatures of 3500K (neutral), 4000K (cool) and 5000K (daylight)
- Seamless, end to end illumination

SUGGESTED APPLICATIONS

- Improved efficiency for commercial and industrial overhead lighting
- Recommended for use in offices, conference rooms and hallways
- Suitable for new construction as well as spot replacements





GENERAL SPECIFICATIONS

Input Voltage: 120-277V with ballast
Efficacy: Up to 144 LPW
Functional Life (L70): 50,000 hours
Beam Angle: 160°
Light Emitting Area: 240°
CRI: 83
Power Factor, THD %: >0.9, <20%
Ambient Operating Temperature: -4°F to 104°F
Dimmable: with dimmable ballast*
Enclosed Fixture Rating: Not suitable
Construction: Frosted glass tube with PET shatter protection, NSF Certified
Base: G5 Mini Bi-pin

ITEM SPECIFICATIONS / ORDER INFO

Catalog Number	Order Code	UPC	Lumens	Lamp Watts	System Watts	CCT	Replacement Wattage	MOL	DLC
L2T5E/835/9/F-70	70785	751338017078	1,200	9W	12W	3500K	24WT5HO	22"	N/A
L2T5E/840/9/F-70	70786	751338017023	1,250	9W	12W	4000K	24WT5HO	22"	N/A
L2T5E/850/9/F-70	70787	751338017085	1,300	9W	12W	5000K	24WT5HO	22"	N/A
L4T5E/835/13/F-70	70797	751338017184	1,700	13W	16W	3500K	28WT5HE	46"	PLRDAK559O3K
L4T5E/840/13/F-70	70798	751338017214	1,750	13W	16W	4000K	28WT5HE	46"	PL4Z4GTXXVH16
L4T5E/850/13/F-70	70799	751338017245	1,800	13W	16W	5000K	28WT5HE	46"	PLZ6G3LYV8Z6
L4T5E/835/25/F-70	70789	751338017115	3,200	25.5W	28W	3500K	54WT5HO	46"	PUQ1AAFU
L4T5E/840/25/F-70	70790	751338017139	3,250	25.5W	28W	4000K	54WT5HO	46"	PSCJ3THX
L4T5E/850/25/F-70	70791	751338017160	3,300	25.5W	28W	5000K	54WT5HO	46"	PB9MK6BD

NOMENCLATURE

Example: L2T5E/835/9/F

L = LED **2T5E** = 2 Ft T5 Lamp Electronic Ballast / **835** = 80+ CRI, 3500K / **9** = 9 Watts / **F** = Frosted

4T5E = 4 Ft T5 Lamp Electronic Ballast / **840** = 80+ CRI, 4000K / **13** = 13 Watts

850 = 80+ CRI, 5000K / **25** = 25 Watts

ENERGY SAVINGS

Catalog Number	LED Watts	Fluorescent T5	Fluorescent Replacement Watts	Energy Saving, Watts	Yearly Saving	5 Year Savings
Based on 12 hours/day and 11¢/kWh						
L2T5E/8XX/9/F-70	9W	24WT5HO	24W	15W	\$7.23	\$36.14
L4T5E/8XX/13/F-70	13W	28WT5HE	28W	15W	\$7.23	\$36.14
L4T5E/8XX/25/F-70	25W	54WT5HO	54W	29W	\$13.97	\$69.86

NOTES:

*Visit www.topaz-usa.com for up-to-date ballast compatibility information.

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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