



Job Name/Title: _____ Catalog Number _____

Contractor: _____ Notes: _____

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





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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" | PL4Z4GTXVH16 |
| 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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