



LED Type B T8

LiberaT8

Ballast Bypass



LED compatible replacement for linear fixtures that operate independently of ballasts.

Reasons to choose LED Type B T8 from TCP

- >50% Energy savings vs. 32w fluorescent
- Long life: 50,000
- Bypass Application: 120-277V line voltage
- Instant on/off
- Non-flickering
- Double ended construction – Can be wired single ended
- Shunted or non-shunted sockets
- UL rated for enclosed fixtures and damp locations
- No energy losses due to fluorescent ballast
- Replaces 2', 3', 4' T8 Fluorescent lamps
- 4' high lumen output available

Ideal Applications

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

Specifications:

Base Types.....G13
 ConstructionDouble-ended
 Minimum Starting Temperature Range:..... -22F / -30C
 Maximum Operating Temperature..... 113F / 45C
 Safety UL Classified and UL Component
 Listed ETL Sanitation Listed to NSF Std. 2

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



RECOGNIZED COMPONENT



Intertek 4005203

5 YEAR WARRANTY

Specifications:

Shatterproof PET Coated Glass



Listing



RECOGNIZED COMPONENT



Intertek
4005203

CONFORMS TO NSF STD. 2

5 YEAR WARRANTY

All Glass

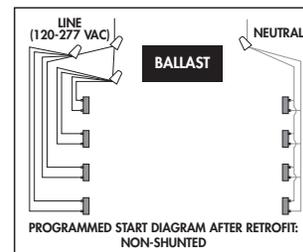
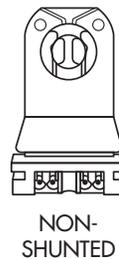
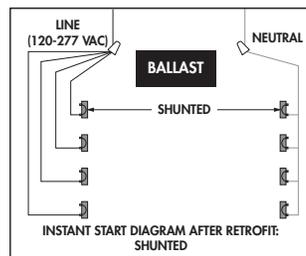
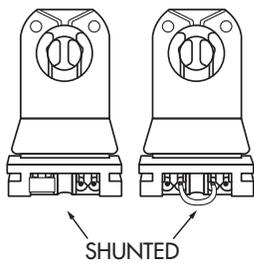


Warranty

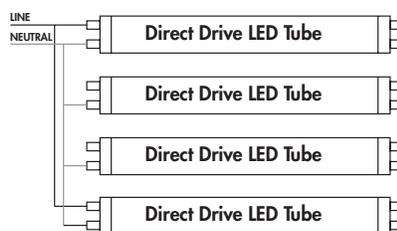
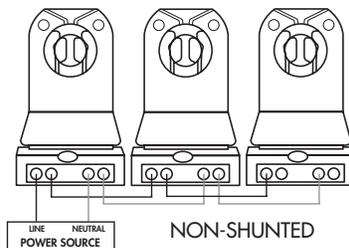
Five years against defects in manufacturing

Wiring Diagrams:

Double Ended Wiring



Single Ended Wiring



Complete instructions tcp.com / Commercial lighting / Business Resource Center

RECOGNIZED COMPONENT



Intertek
4005203

CONFORMS TO NSF STD. 2



LED LiberaT8™ Tubes

LED Ballast Bypass Double Ended T8 Tubes

| Item# | Description | DLC | LED Wattage | Voltage | Fluorescent Equivalency | Lumens | LPW | Base | CCT | CRI | Master Pack |
|--|--------------------------------|-----|-------------|----------|-------------------------|--------|-------|------|-------|-----|-------------|
| LED T8 BYPASS - DOUBLE END | | | | | | | | | | | |
| LED 13.5 WATT T8 TUBE – 4 FOOT DLC# L13T8BY50XXK / DLC# T804001AXXE / PET COATED NSF RATED | | | | | | | | | | | |
| L13T8BY5030K | LED 13.5W 4' T8 2E BYPASS 30K | * | 13.5 | 120-277V | 32W | 1800 | 133.3 | G13 | 3000K | 80 | 25 |
| L13T8BY5035K | LED 13.5W 4' T8 2E BYPASS 35K | * | 13.5 | 120-277V | 32W | 1800 | 133.3 | G13 | 3500K | 80 | 25 |
| L13T8BY5041K | LED 13.5W 4' T8 2E BYPASS 41K | * | 13.5 | 120-277V | 32W | 1900 | 140.7 | G13 | 4100K | 80 | 25 |
| L13T8BY5050K | LED 13.5W 4' T8 2E BYPASS 50K | * | 13.5 | 120-277V | 32W | 1900 | 140.7 | G13 | 5000K | 80 | 25 |
| LED 12 WATT T8 TUBE – 3 FOOT PET COATED NSF RATED | | | | | | | | | | | |
| L12T8BY5030K | LED 12W 3' T8 2E BYPASS 30K | | 12 | 120-277V | 25W | 1200 | 100 | G13 | 3000K | 80 | 25 |
| L12T8BY5035K | LED 12W 3' T8 2E BYPASS 35K | | 12 | 120-277V | 25W | 1200 | 100 | G13 | 3500K | 80 | 25 |
| L12T8BY5041K | LED 12W 3' T8 2E BYPASS 41K | | 12 | 120-277V | 25W | 1200 | 100 | G13 | 4100K | 80 | 25 |
| L12T8BY5050K | LED 12W 3' T8 2E BYPASS 50K | | 12 | 120-277V | 25W | 1200 | 100 | G13 | 5000K | 80 | 25 |
| LED 9 WATT T8 TUBE – 2 FOOT DLC# L9T8BY50XXK / PET COATED NSF RATED | | | | | | | | | | | |
| L9T8BY5030K | LED 9W 2' T8 2E BYPASS 30K | * | 9 | 120-277V | 17W | 1125 | 125 | G13 | 3000K | 80 | 25 |
| L9T8BY5035K | LED 9W 2' T8 2E BYPASS 35K | * | 9 | 120-277V | 17W | 1125 | 125 | G13 | 3500K | 80 | 25 |
| L9T8BY5041K | LED 9W 2' T8 2E BYPASS 41K | * | 9 | 120-277V | 17W | 1125 | 125 | G13 | 4100K | 80 | 25 |
| L9T8BY5050K | LED 9W 2' T8 2E BYPASS 50K | * | 9 | 120-277V | 17W | 1125 | 125 | G13 | 5000K | 80 | 25 |
| LED 13.5 WATT T8 TUBE – 4 FOOT DLC# T80415CXXE / DLC# T804001XXE | | | | | | | | | | | |
| LT813B230K | LED 13.5W 4' T8 2E BYPASS 30K | * | 13.5 | 120-277V | 32W | 1800 | 133.3 | G13 | 3000K | 80 | 25 |
| LT813B235K | LED 13.5W 4' T8 2E BYPASS 35K | * | 13.5 | 120-277V | 32W | 1800 | 133.3 | G13 | 3500K | 80 | 25 |
| LT813B241K | LED 13.5W 4' T8 2E BYPASS 41K | * | 13.5 | 120-277V | 32W | 1900 | 140.7 | G13 | 4100K | 80 | 25 |
| LT813B250K | LED 13.5W 4' T8 2E BYPASS 50K | * | 13.5 | 120-277V | 32W | 1900 | 140.7 | G13 | 5000K | 80 | 25 |
| LT813B265K | LED 13.5W 4' T8 2E BYPASS 65K | * | 13.5 | 120-277V | 32W | 1900 | 140.7 | G13 | 6500K | 80 | 25 |
| LED T8 BYPASS - HIGH OUTPUT DOUBLE END | | | | | | | | | | | |
| LED 18.5 WATT T8 TUBE – 4 FOOT DLC# T804007AXXE / PET COATED NSF RATED | | | | | | | | | | | |
| LPT818B230K | LED 18.5W 4' T8 BY 2E 30K SC | * | 18.5 | 120-277V | 32W | 2450 | 132.4 | G13 | 3000K | 80 | 25 |
| LPT818B235K | LED 18.5W 4' T8 BY 2E 35K SC | * | 18.5 | 120-277V | 32W | 2450 | 132.4 | G13 | 3500K | 80 | 25 |
| LPT818B241K | LED 18.5W 4' T8 BY 2E 41K SC | * | 18.5 | 120-277V | 32W | 2600 | 140.5 | G13 | 4100K | 80 | 25 |
| LPT818B250K | LED 18.5W 4' T8 BY 2E 50K SC | * | 18.5 | 120-277V | 32W | 2600 | 140.5 | G13 | 5000K | 80 | 25 |
| LED 24.5 WATT T8 TUBE – 4 FOOT DLC# T804004AXXE / PET COATED NSF RATED | | | | | | | | | | | |
| LPT824B230K | LED 24.5W 4' T8 BY 2E 30K SC | * | 24.5 | 120-277V | 32W | 2850 | 116.3 | G13 | 3000K | 80 | 25 |
| LPT824B235K | LED 24.5W 4' T8 BY 2E 35K SC | * | 24.5 | 120-277V | 32W | 2850 | 116.3 | G13 | 3500K | 80 | 25 |
| LPT824B241K | LED 24.5W 4' T8 BY 2E 41K SC | * | 24.5 | 120-277V | 32W | 3000 | 122.4 | G13 | 4100K | 80 | 25 |
| LPT824B250K | LED 24.5W 4' T8 BY 2E 50K SC | * | 24.5 | 120-277V | 32W | 3000 | 122.4 | G13 | 5000K | 80 | 25 |
| LED 19 WATT T8 TUBE – 4 FOOT DLC# T80491XXE PET COATED NSF RATED • PHASE OUT | | | | | | | | | | | |
| LPT819B230K | LED 19W 4' T8 2E BYPASS 30K SC | * | 19 | 120-277V | 32W | 2500 | 131.5 | G13 | 3000K | 80 | 25 |
| LPT819B235K | LED 19W 4' T8 2E BYPASS 35K SC | * | 19 | 120-277V | 32W | 2500 | 131.5 | G13 | 3500K | 80 | 25 |

For the most up-to-date specs and warranty information, please visit www.tcp.com
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 325 Campus Dr. | Aurora, Ohio 44202 | P: 800-324-1496 | tcp.com



5 YEAR WARRANTY

CONFORMS TO NSF STD. 2



LED LiberaT8™ Tubes

| Item# | Description | DLC | LED Wattage | Voltage | Fluorescent Equivalency | Lumens | LPW | Base | CCT | CRI | Master Pack |
|--|--------------------------------|--|-------------|----------|-------------------------|--------|-------|------|-------|-----|-------------|
| LED 22 WATT T8 TUBE – 4 FOOT | | DLC# T80495XXE PET COATED NSF RATED • PHASE OUT | | | | | | | | | |
| LPT822B230K | LED 22W 4' T8 2E BYPASS 30K SC | * | 22 | 120-277V | 32W | 2900 | 131.8 | G13 | 3000K | 80 | 25 |
| LPT822B235K | LED 22W 4' T8 2E BYPASS 35K SC | * | 22 | 120-277V | 32W | 2900 | 131.8 | G13 | 3500K | 80 | 25 |
| LPT822B241K | LED 22W 4' T8 2E BYPASS 41K SC | * | 22 | 120-277V | 32W | 2900 | 131.8 | G13 | 4100K | 80 | 25 |
| LED 25 WATT T8 TUBE – 4 FOOT | | DLC# T80490XXE PET COATED NSF RATED • PHASE OUT | | | | | | | | | |
| LPT825B230K | LED 25W 4' T8 2E BYPASS 30K SC | * | 25 | 120-277V | 32W | 3200 | 128 | G13 | 3000K | 80 | 25 |
| LPT825B235K | LED 25W 4' T8 2E BYPASS 35K SC | * | 25 | 120-277V | 32W | 3200 | 128 | G13 | 3500K | 80 | 25 |
| LPT825B241K | LED 25W 4' T8 2E BYPASS 41K SC | * | 25 | 120-277V | 32W | 3200 | 128 | G13 | 4100K | 80 | 25 |
| LED T8 BYPASS - U6 DOUBLE END PLASTIC | | | | | | | | | | | |
| LED 15.5 WATT PLASTIC T8 TUBE – U6 | | DLC# T80U04XXE | | | | | | | | | |
| LPT8U615B230K | LED 15.5W U6 T8 2E BYPASS 30K | * | 15.5 | 120-277V | 32W | 2000 | 129 | G13 | 3000K | 80 | 12 |
| LPT8U615B235K | LED 15.5W U6 T8 2E BYPASS 35K | * | 15.5 | 120-277V | 32W | 2000 | 129 | G13 | 3500K | 80 | 12 |
| LPT8U615B241K | LED 15.5W U6 T8 2E BYPASS 41K | * | 15.5 | 120-277V | 32W | 2100 | 135.4 | G13 | 4100K | 80 | 12 |
| LPT8U615B250K | LED 15.5W U6 T8 2E BYPASS 50K | * | 15.5 | 120-277V | 32W | 2100 | 135.4 | G13 | 5000K | 80 | 12 |

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

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5 YEAR WARRANTY

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