

LED Bypass/Line Voltage T8 Tube Lights : Nano-Polycarbonate



4'
length

1,800-
2,200
lumens

128+
lpw

50K
hours

Features

- Solid state replacement for 4 ft. T8 or T12 G13 base linear fluorescent
- Single-end powered, operates on 120V-277V line voltage
- Rugged thermoplastic nano-polycarbonate construction
- Frosted lens for uniform diffuse appearance
- No external ballast or driver required
- Ultra-high performance LEDs deliver 120 lpw
- Lifetime exceeds 50,000 hrs
- Up to 50% instant energy savings
- Choice of 3500K, 4000K, and 5000K CCT
- Contains no lead or mercury, RoHS Compliant
- NSF listed for commercial foodservice equipment
- Existing fixture maintains original UL compliance per UL1598C listing
- Suitable for use in totally enclosed fixtures



Performance

- 4ft. 1,800lm @14W = 128+lpw
- 4ft. 2,200lm @17W = 129+lpw
- Long life: 50,000 hours
- 80+ CRI
- Integral 120~277V drivers provide easy installation
- Wide ambient temperature range from -20°C (-4°F) to 45°C (113°F)
- For use with non-shunted tombstone lampholders
- <20% Total Harmonic Distortion
- UL 1598C listed
- Non-dimmable
- Contains no mercury or lead; classified as non-hazardous waste

Applications

- Commercial
- Industrial
- Hospitality
- Education
- Healthcare
- Retail



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Wiring Diagram

Wiring Directions

1. Disconnect and remove ballast.
2. Confirm or install non-shunted sockets for input end of lamp (required).
3. Connect A/C power directly to non-shunted socket. Note: "shunted" or "jumpered" sockets are commonly found in T8 instant-start fluorescent fixtures and must be replaced.

For use with NON-shunted tombstone lamp holders only.

Ordering Information

| Order Code | Item # | Lngh | W | Lm | Lpw | CCT | CRI | Bm | Appearance | Envelope | Life/Hrs | DLC |
|--------------|-----------------------|------|-----|-------|------|-------|-----|------|------------|---------------|----------|-----|
| 09736 | LED14WT8/P/48/835-G8D | 4' | 14W | 1,800 | 128+ | 3500K | 80+ | 210° | Frosted | Nano-Polycarb | 50K | ✓ |
| 09735 | LED14WT8/P/48/840-G8D | 4' | 14W | 1,800 | 128+ | 4000K | 80+ | 210° | Frosted | Nano-Polycarb | 50K | ✓ |
| 09734 | LED14WT8/P/48/850-G8D | 4' | 14W | 1,800 | 128+ | 5000K | 80+ | 210° | Frosted | Nano-Polycarb | 50K | ✓ |
| 09733 | LED17WT8/P/48/835-G8D | 4' | 17W | 2,200 | 129+ | 3500K | 80+ | 210° | Frosted | Nano-Polycarb | 50K | ✓ |
| 09732 | LED17WT8/P/48/840-G8D | 4' | 17W | 2,200 | 129+ | 4000K | 80+ | 210° | Frosted | Nano-Polycarb | 50K | ✓ |
| 09731 | LED17WT8/P/48/850-G8D | 4' | 17W | 2,200 | 129+ | 5000K | 80+ | 210° | Frosted | Nano-Polycarb | 50K | ✓ |

NOTE: Use order code when ordering.

✓ DesignLights Consortium® Qualified

NSF Certification

NSF offers the most accepted and trusted certification and verification programs for commercial foodservice equipment, specified by health departments, restaurant buyers and specifiers worldwide. NSF means market access – products with the NSF mark receive guaranteed regulatory acceptance in North America and improved acceptance worldwide. Verification programs, such as HACCP Compliance Verification - EU, demonstrate hygienic quality, independently verified by a trusted source.

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