



T8 TUBES : BYPASS/LINE VOLTAGE : DOUBLE-ENDED

DESCRIPTION

LED T8 Replacement Lamps directly replace fluorescent T8 lamps at a fraction of the energy cost.

FEATURES

- Solid state replacement for 2', 3', or 4' T8 linear fluorescent
- Use with shunted (T8) or non-shunted (T12) lamp holders
- Frosted lens for uniform diffuse appearance
- No external ballast or driver required
- Ultra-high performance LEDs deliver 121+ lpw
- Instant-On with no warm up like fluorescents
- Integral 120~277V drivers provide easy installation
- Contains no mercury or lead; classified as non-hazardous waste
- Use with shunted (T8) or non-shunted (T12) lamp holders
- Note: Both pins on each end of lamp must be connected to line voltage. Non-shunted (T12) lamp holders require field-installed jumper wire tying both pins together; see wiring diagram.

WARRANTY

- 5 year limited warranty; see eiko.com for warranty details

APPLICATIONS

- Commercial
- Conference rooms
- Hospitality
- Education
- Healthcare
- Retail
- Residential



| PERFORMANCE | Power Consumption | 9W | 12W | 14W | 17W |
|--------------|-----------------------|---|-------------|-------------|-------------|
| | Lumens | 1,150 | 1,400/1,450 | 1,700/1,800 | 2,100/2,200 |
| | Efficacy (LPW) | 128 | 117/121 | 121/129 | 124/129 |
| | CRI | 80+ | | | |
| | CCT | 3500K, 4000K, 5000K | | | |
| | Life (L70) | 50,000 hours | | | |
| | Power Factor | ≥0.97 | | | |
| ELECTRICAL | THD | <20% | | | |
| | Input Voltage | 120V | | | |
| | Operating Temperature | -4°F to 113°F (-20°C to 45°C) | | | |
| CONSTRUCTION | Base | G13 | | | |
| | Lens | Frosted | | | |
| | Certification(s) | DesignLights Consortium® Qualified; NSF Listed; cULus Listed; FCC | | | |
| LISTINGS | Material Usage | RoHS Compliant; no mercury or lead | | | |
| | Environment | | | | |

PERFORMANCE SUMMARY

| Order Code | Item # | Length | Lumens | Watts | CCT | CRI | Appearance | Life/Hours | DLC |
|------------|-------------------------|--------|--------|-------|-------|-----|------------|------------|-----|
| 10475 | LED9WT8/24/835-DBL-G7D | 2' | 1,100 | 9W | 3500K | 80+ | Frosted | 50K | ✓ |
| 09598 | LED9WT8/24/840-DBL-G7D | 2' | 1,150 | 9W | 4000K | 80+ | Frosted | 50K | ✓ |
| 09599 | LED9WT8/24/850-DBL-G7D | 2' | 1,150 | 9W | 5000K | 80+ | Frosted | 50K | ✓ |
| 09600 | LED12WT8/36/835-DBL-G7D | 3' | 1,400 | 12W | 3500K | 80+ | Frosted | 50K | ✓ |
| 09601 | LED12WT8/36/840-DBL-G7D | 3' | 1,450 | 12W | 4000K | 80+ | Frosted | 50K | ✓ |
| 09602 | LED12WT8/36/850-DBL-G7D | 3' | 1,450 | 12W | 5000K | 80+ | Frosted | 50K | ✓ |
| 09594 | LED14WT8/48/835-DBL-G7D | 4' | 1,700 | 14W | 3500K | 80+ | Frosted | 50K | ✓ |
| 09595 | LED14WT8/48/840-DBL-G7D | 4' | 1,800 | 14W | 4000K | 80+ | Frosted | 50K | ✓ |
| 09603 | LED14WT8/48/850-DBL-G7D | 4' | 1,800 | 14W | 5000K | 80+ | Frosted | 50K | ✓ |
| 09604 | LED17WT8/48/835-DBL-G7D | 4' | 2,100 | 17W | 3500K | 80+ | Frosted | 50K | ✓ |
| 09605 | LED17WT8/48/840-DBL-G7D | 4' | 2,200 | 17W | 4000K | 80+ | Frosted | 50K | ✓ |
| 09606 | LED17WT8/48/850-DBL-G7D | 4' | 2,200 | 17W | 5000K | 80+ | Frosted | 50K | ✓ |

NOTE: Use order code when ordering. ✓DesignLights Consortium Qualified

COMPATIBLE EMERGENCY BATTERY*

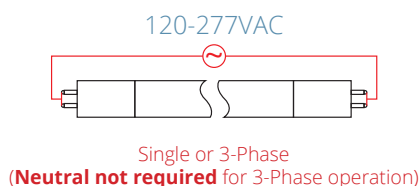
| Order Code | Item # | Input Voltage | Frequency Range | Output Power | Max Standby Power | Emergency Time | Recharge Time |
|------------|----------------|---------------|-----------------|--------------|-------------------|----------------|---------------|
| 10361 | EMB-CP-5WBT-U* | 120-277V | 50/60Hz | 5W | 1.8W | 90 min @5W | ≤24 hrs |

*Compatible with 9W and 12W models listed above only. Please review specific EM item spec sheet for complete compatibility and installation instructions

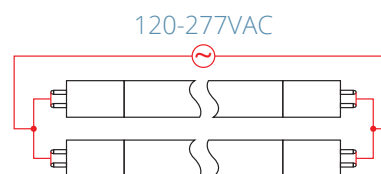
DIMENSIONS / WIRING DIAGRAM

2': 24"/609.6mm
3': 36"/914.4mm
4': 48"/1219.2mm

Single Lamp Operation



2 Lamp Operation



NOTE: both pins on each end of lamp must be connected to line voltage as shown above. If lamp holder is a "non-shunted" (T12) type, it must be shunted (shorted) by external jumper. Most T8 lamp holders are internally shunted and will not require an external jumper.



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