



T8 TUBES : BYPASS/LINE VOLTAGE : NANO-POLYCARBONATE

DESCRIPTION

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

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
- Up to 50% instant energy savings
- Existing fixture maintains original UL compliance per UL1598C listing
- Integral 120~277V drivers provide easy installation
- For use with non-shunted tombstone lampholders
- UL 1598C listed
- Non-dimmable
- Not for use in airtight fixtures

WARRANTY

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

APPLICATIONS

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



PERFORMANCE	Power Consumption	14W	17W
	Lumens	1,800	2,200
	Efficacy (LPW)	129	129
	CRI	80+	
	CCT	3500K, 4000K, 5000K	
	Life (L70)	50,000 hours	
ELECTRICAL	Power Factor	≥0.9	
	THD	<20%	
	Input Voltage	120V	
CONSTRUCTION	Operating Temperature	-4°F to 113°F (-20°C to 45°C)	
	Base	G13	
	Lens	Frosted	
LISTINGS	Certification(s)	DesignLights Consortium® Qualified; NSF Listed; cULus Classified; FCC	
	Material Usage	RoHS Compliant; no mercury or lead	
	Environment	Suitable for Dry locations	

PERFORMANCE SUMMARY

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

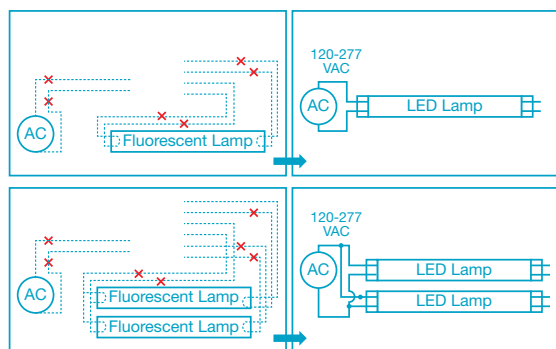
NOTE: Use order code when ordering. ✓DesignLights Consortium Qualified

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

Please review specific EM item spec sheet for complete compatibility and installation instructions

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 "jumped" sockets are commonly found in T8 instant-start fluorescent fixtures and must be replaced.



For use with NON-shunted tombstone lamp holders only.



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