



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



	Power Consumption	9W	12W	14W	17W
PERFORMANCE	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			
	ELECTRICAL	Power Factor	≥0.97		
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 Listed; FCC			
	Material Usage	RoHS Compliant; no mercury or lead			
	Environment				

PERFORMANCE SUMMARY

Order Code	Item #	Lngh	Lumens	Watts	CCT	CRI	Appearance	Life/Hours	DLC
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*

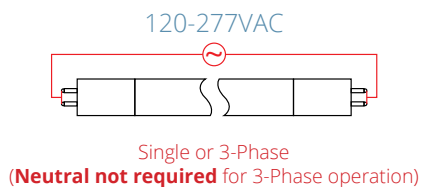
Order Code	Item #	Input Voltage	Frequency Range	Output Power	Max Standby Power	Emergency Time	Recharge Time
10361	EMB-CP-5WBT-U*	120-277V	50/60Hz	5W	1.8W	90 min @5W	≤24 hrs

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

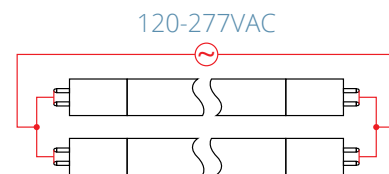
DIMENSIONS / WIRING DIAGRAM

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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