



## T8 TUBES : BYPASS/LINE VOLTAGE : GLASS

### DESCRIPTION

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

### FEATURES

- Solid state replacement for 2 ft., 3 ft. and 4 ft. T8 or T12 G13 base or U6 linear fluorescent
- Single-end powered, operates on 120V-277V line voltage; 347V options available (Canada only)
- Frosted lens for uniform diffuse appearance
- Select items feature PET coating to protect glass envelope and reduce risk of breakage
- No external ballast or driver required
- Up to 50% instant energy savings
- Existing fixture maintains original UL compliance per UL1598C listing
- Suitable for use in totally enclosed fixtures (excluding U6 items)
- Integral drivers provide easy installation
- For use with non-shunted tombstone lampholders
- UL 1598C Listed

### WARRANTY

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

### APPLICATIONS

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



<b>PERFORMANCE</b>	Power Consumption	9W	11.5W	12W	12.5W	15W	18W
	Lumens	1100, 1150	1700, 1800	1400, 1450	1700, 1800	1700, 1800, 2200	2200
	Efficacy (LPW)	122, 128	148, 157	117, 121	136, 144	113, 120, 147	122
	CRI	80+					
	CCT	3000K, 3500K, 4000K, 5000K					
	Life (L70)	50,000 hours					
<b>ELECTRICAL</b>	Power Factor	≥0.9					
	THD	<20%					
	Input Voltage	120V, 347V					
<b>CONSTRUCTION</b>	Operating Temperature	-4°F to 113°F (-20°C to 45°C)					
	Base	G13					
	Lens	Frosted					
<b>LISTINGS</b>	Certification(s)	DesignLights Consortium® Qualified; NSF Listed; ETL Listed; cULus Classified; FCC					
	Material Usage	RoHS Compliant; no mercury or lead					
	Environment	Suitable for use in totally enclosed fixtures					

## PERFORMANCE SUMMARY

Order Code	Item #	Length	Watts	Lumens	LPW	Volts	CCT	CRI	Beam	Envelope	Life/Hours	NSF	ETL	DLC
09322	LED9WT8F/24/835K-G7D	2'	9W	1,100	120+	120-277V	3500K	80+	210°	Glass	50,000	•		
09323	LED9WT8F/24/840K-G7D	2'	9W	1,150	120+	120-277V	4000K	80+	210°	Glass	50,000	•		
09324	LED9WT8F/24/850K-G7D	2'	9W	1,150	120+	120-277V	5000K	80+	210°	Glass	50,000	•		
09666	LED11.5WT8/48/835-G7D	4'	11.5W	1,700	120+	120-277V	3500K	80+	210°	Glass	50,000	•		✓
09667	LED11.5WT8/48/840-G7D	4'	11.5W	1,800	120+	120-277V	4000K	80+	210°	Glass	50,000	•		✓
09668	LED11.5WT8/48/850-G7D	4'	11.5W	1,800	120+	120-277V	5000K	80+	210°	Glass	50,000	•		✓
09669	LED11.5WT8/48/835-PET-G7D*	4'	11.5W	1,700	120+	120-277V	3500K	80+	210°	Glass	50,000	•		✓
09670	LED11.5WT8/48/840-PET-G7D*	4'	11.5W	1,800	120+	120-277V	4000K	80+	210°	Glass	50,000	•		
09319	LED12WT8F/36/835K-G7D	3'	12W	1,400	120+	120-277V	3500K	80+	210°	Glass	50,000	•		
09320	LED12WT8F/36/840K-G7D	3'	12W	1,450	120+	120-277V	4000K	80+	210°	Glass	50,000	•		
09321	LED12WT8F/36/850K-G7D	3'	12W	1,450	120+	120-277V	5000K	80+	210°	Glass	50,000	•		
09288	LED15WT8F/48/835K-G7D	4'	15W	1,700	120+	120-277V	3500K	80+	210°	Glass	50,000	•		
09278	LED15WT8F/48/840K-G7D	4'	15W	1,800	120+	120-277V	4000K	80+	210°	Glass	50,000	•		
09279	LED15WT8F/48/850K-G7D	4'	15W	1,800	120+	120-277V	5000K	80+	210°	Glass	50,000	•		
09396	LED18WT8F/48/835-G7D	4'	18W	2,200	120+	120-277V	3500K	80+	210°	Glass	50,000	•		
09397	LED18WT8F/48/840-G7D	4'	18W	2,200	120+	120-277V	4000K	80+	210°	Glass	50,000	•		
09398	LED18WT8F/48/850-G7D	4'	18W	2,200	120+	120-277V	5000K	80+	210°	Glass	50,000	•		
11118	LED15WT8/48/840-G8D-347V †	4'	15W	2,200	120+	120-347V	4000K	80+	210°	Glass	50,000		•	✓
11119	LED15WT8/48/850-G8D-347V †	4'	15W	2,200	120+	120-347V	5000K	80+	210°	Glass	50,000		•	✓
09789	LED15WT8F/U6/835-G7D	U6	15W	1,700	113+	120-277V	3500K	80+	210°	Glass	50,000	•		
09790	LED15WT8F/U6/840-G7D	U6	15W	1,800	120+	120-277V	4000K	80+	210°	Glass	50,000	•		
09791	LED15WT8F/U6/850-G7D	U6	15W	1,800	120+	120-277V	5000K	80+	210°	Glass	50,000	•		

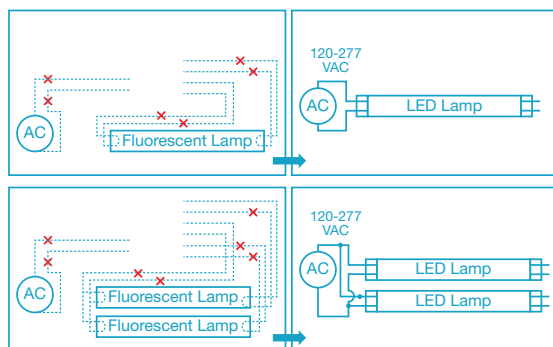
NOTE: Use order code when ordering. \*PET coated for reduced risk of breakage. †Canada only

## COMPATIBLE EMERGENCY BATTERIES

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
11279	EEB5WBTU †	120-277V	50/60Hz	5W	1.8W	90 min @5W	≤24 hrs

\*Not compatible with 120-347V models or U6 models above † Only compatible with 120-347V models above; must operate at 120-277V  
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.