



## T8 TUBES : BYPASS/LINE VOLTAGE : DIMMABLE

### DESCRIPTION

LED T8 Replacement Lamps directly replace fluorescent T8 lamps at a fraction of the energy cost. Triac dimmable T8 tubes offer additional controllability for improved comfort and energy savings.

### FEATURES

- Solid state replacement for 4 ft. T8 or T12 G13 base fluorescent
- Operates on a wide variety of Triac dimmers; see spec sheet or [eiko.com](http://eiko.com) for a complete dimmer compatibility list
- Single-end powered, operates on 120V line voltage
- Frosted lens for uniform diffuse appearance
- PET coating for reduced risk of breakage
- No external ballast or driver required
- Up to 50% instant energy savings
- Existing fixture maintains original UL compliance per UL1598C listing
- Integral drivers provide easy installation
- For use with non-shunted tombstone lampholders

### WARRANTY

- 5 year limited warranty; see [eiko.com](http://eiko.com) for warranty details

### APPLICATIONS

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



<b>PERFORMANCE</b>	Power Consumption	14.5W
	Lumens	1,900
	Efficacy (LPW)	131
	CRI	80+
	Beam	160°
	CCT	3500K, 4000K, 5000K
	Life (L70)	50,000 hours
<b>ELECTRICAL</b>	Power Factor	≥0.9
	THD	<20%
	Input Voltage	120V
<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; ETL Sanitation Listed; cULus Classified; FCC
	Material Usage	RoHS Compliant; no mercury or lead
	Environment	Suitable for use in totally enclosed fixtures; Damp Location Rated

## PERFORMANCE SUMMARY

Order Code	Item #	Length	Lumens	Watts	LPW	CCT	CRI	Beam	Life/Hours	DLC
11111	LED14.5WT8/48/835-DT-PET-G9D	4'	1,900	14.5W	131	3500K	80+	160°	50,000	✓
11112	LED14.5WT8/48/840-DT-PET-G9D	4'	1,900	14.5W	131	4000K	80+	160°	50,000	✓
11113	LED14.5WT8/48/850-DT-PET-G9D	4'	1,900	14.5W	131	5000K	80+	160°	50,000	✓

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
11279	EEB5WBTU	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 "jumpered" sockets are commonly found in T8 instant-start fluorescent fixtures and must be replaced.

For use with NON-shunted tombstone lamp holders only.

## DIMMER COMPATIBILITY

Manufacturer	Part Number
LUTRON	CTELV-303P
LUTRON	DVELV-300P
LUTRON	MAELV-600
LUTRON	MSCELV-600M
LUTRON	SELV-300P
LUTRON	NTELV-600