

# **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 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 for warranty details

#### **APPLICATIONS**

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













	Power Consumption	14.5W		
PERFORMANCE  ELECTRICAL	Lumens	1,900		
	Efficacy (LPW)	131		
	CRI	80+		
	Beam	160°		
	CCT	3000K, 3500K, 4000K, 5000K		
	Life (L70)	50,000 hours		
	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; 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		

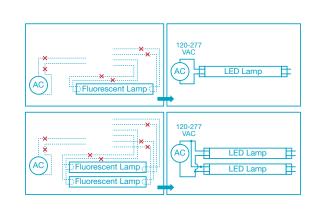
## PERFORMANCE SUMMARY

Order Code	Item#	Length	Lumens	Watts	LPW	ССТ	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	<b>√</b>
11113	LED14.5WT8/48/850-DT-PET-G9D	4′	1,900	14.5W	131	5000K	80+	160°	50,000	<b>√</b>

NOTE: Use order code when ordering. 

✓ DesignLights Consortium Qualified

## 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 nonshunted socket. Note: "shunted" or "jumpered" sockets are commonly found in T8 instant-start fluorescent fixtures and must be replaced.



For use with NONshunted tombstone lamp holders only.

# **DIMMER COMPATIBILITY**

Manufacturer	Part Number	1 Lamp	2 Lamps	3 Lamps	4 Lamps	5 Lamps	6 Lamps
Leviton	6672	✓	1	1	1	1	1
Leviton	6674-10W	Х	Х	Х	Х	Х	Х
Leviton	6674-P0W	✓	<b>/</b>	1	1	1	1
Leviton	IPF01-1LZ	✓	/	1	/	1	1
Leviton	IPI06-1LZ	✓	<b>✓</b>	1	<b>✓</b>	✓	1
Leviton	IPM10-1LZ	✓	/	1	1	1	1
Lutron	AY-103P	✓	1	1	1	1	1
Lutron	AY-103PNL	Х	Х	Х	Х	Х	Х
Lutron	AY-10P	Х	Х	Х	Х	Х	Х
Lutron	AY-600PNL	✓	/	1	1	1	1
Lutron	AY-600P	✓	1	1	1	1	1
Lutron	AY-603PG	✓	1	1	1	1	1
Lutron	AY-603P	✓	/	1	1	1	1
Lutron	CT-603P	✓	1	1	1	1	1
Lutron	D-603PG	✓	/	1	1	1	1
Lutron	DVCL-253P	✓	1	1	1	1	1
Lutron	MRF2-600M	Х	Х	1	1	1	1
Lutron	MSCL-OP153M	✓	1	1	1	1	1
Lutron	SCL-153P	✓	1	1	1	1	1
Lutron	TG-603PG	1	/	1	1	1	1

6 lamps per dimmer is maximum tested by EiKO; refer to dimmer's maximum rated wattage and installation instructions for additional information on dimmer operation. Contact your EiKO Representative with any questions