



## T8 TUBE LIGHTS : DOUBLE-ENDED

### DESCRIPTION

Double-ended LED T8 tube lights are among the optimal choices when upgrading from fluorescent to LED. Simple modifications on install allow for years of efficient, maintenance-free, low-cost operation.

### FEATURES

- Solid state replacement for 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
- 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



PERFORMANCE	Power Consumption	10.5W	12W	15W
	Lumens	1,650	1,800	2,200
	Efficacy (LPW)	157	150	147
	CRI	80+		
	Beam	210°		
	CCT	3500K, 4000K, 5000K		
	Life (L70)	50,000 hours		
ELECTRICAL	Power Factor	≥0.9		
	THD	<20%		
	Input Voltage	120-277V		
CONSTRUCTION	Operating Temperature	-4°F to 113°F (-20°C to 45°C)		
	Lens	Frosted glass		
	Base	G13		
LISTINGS	Certification(s)	DesignLights Consortium® Qualified; cULus Classified; FCC; NSF Listed		
	Material Usage	RoHS Compliant; no mercury or lead		
	Environment	Dry and damp locations; Rated for enclosed fixtures		

PERFORMANCE SUMMARY


Order Code	Item #	Length	Lumens	Watts	LPW	CCT	CRI	Volts	Beam	Life/Hours	DLC
10876	LED10.5WT8/48/835-DBL-G8D	4'	1,650	10.5W	157	3500K	80+	120-277	240°	50,000	✓
10877	LED10.5WT8/48/840-DBL-G8D	4'	1,650	10.5W	157	4000K	80+	120-277	240°	50,000	✓
10878	LED10.5WT8/48/850-DBL-G8D	4'	1,650	10.5W	157	5000K	80+	120-277	240°	50,000	✓
10437	LED12WT8/48/835-DBL-G8D	4'	1,800	12W	150	3500K	80+	120-277	210°	50,000	✓
10435	LED12WT8/48/840-DBL-G8D	4'	1,800	12W	150	4000K	80+	120-277	210°	50,000	✓
10438	LED12WT8/48/850-DBL-G8D	4'	1,800	12W	150	5000K	80+	120-277	210°	50,000	✓
10469	LED15WT8/48/835-DBL-G8D	4'	2,200	15W	147	3500K	80+	120-277	210°	50,000	✓
10436	LED15WT8/48/840-DBL-G8D	4'	2,200	15W	147	4000K	80+	120-277	210°	50,000	✓
10470	LED15WT8/48/850-DBL-G8D	4'	2,200	15W	147	5000K	80+	120-277	210°	50,000	✓

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

WIRING DIAGRAM

Single Lamp Operation

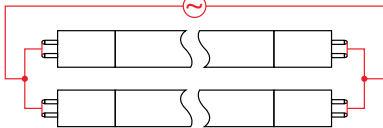
120-277VAC



Single or 3-Phase  
(Neutral not required for 3-Phase operation)

2 Lamp Operation

120-277VAC



**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.