

LED Bypass/Line Voltage T8 Tube Lights : Glass



2'
3/4'

1,150-
2,200
lumens

120+
lpw

50K
hours

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
- Ultra-high performance LEDs deliver 120 lpw
- Lifetime exceeds 50,000 hrs
- Up to 50% instant energy savings
- Choice of 3500K, 4000K, and 5000K CCT
- Contains no lead or mercury, RoHS Compliant
- NSF listed for commercial foodservice equipment
- Existing fixture maintains original UL compliance per UL1598C listing
- Suitable for use in totally enclosed fixtures



Performance

- 4ft. 2,200lm @18W = 120+lpw
- 4ft. 1,800lm @ 15W = 120+lpw
- 4ft. 1,800lm @ 12.5W = 140+lpw
- 3ft. 1,450lm @12W = 120+lpw
- 2ft. 1,150lm @ 9W = 120+lpw
- Long life: 50,000 hours
- 80+ CRI
- Integral drivers provide easy installation
- Wide ambient temperature range from -20°C (-4°F) to 45°C (113°F)
- For use with non-shunted tombstone lampholders
- <20% Total Harmonic Distortion
- UL 1598C listed
- Non-dimmable
- Contains no mercury or lead; classified as non-hazardous waste

Applications

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



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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.

Ordering Information

Order Code	Item #	Lngh	W	Lm	Lpw	CCT	CRI	Bm	Appearance	Envelope	Life/Hrs	DLC
09322	LED9WT8F/24/835K-G7D	2'	9W	1,100	120+	3500K	80+	210°	Frosted	Glass	50K	✓
09323	LED9WT8F/24/840K-G7D	2'	9W	1,150	120+	4000K	80+	210°	Frosted	Glass	50K	✓
09324	LED9WT8F/24/850K-G7D	2'	9W	1,150	120+	5000K	80+	210°	Frosted	Glass	50K	✓
09666	LED11.5WT8/48/835-G7D	4'	11.5W	1,700	120+	3500K	80+	210°	Frosted	Glass	50K	✓
09667	LED11.5WT8/48/840-G7D	4'	11.5W	1,800	120+	4000K	80+	210°	Frosted	Glass	50K	✓
09668	LED11.5WT8/48/850-G7D	4'	11.5W	1,800	120+	5000K	80+	210°	Frosted	Glass	50K	✓
09669	LED11.5WT8/48/835-PET-G7D*	4'	11.5W	1,700	120+	3500K	80+	210°	Frosted	Glass	50K	✓
09670	LED11.5WT8/48/840-PET-G7D*	4'	11.5W	1,800	120+	4000K	80+	210°	Frosted	Glass	50K	✓
09671	LED11.5WT8/48/850-PET-G7D*	4'	11.5W	1,800	120+	5000K	80+	210°	Frosted	Glass	50K	✓
09319	LED12WT8F/36/835K-G7D	3'	12W	1,400	120+	3500K	80+	210°	Frosted	Glass	50K	
09320	LED12WT8F/36/840K-G7D	3'	12W	1,450	120+	4000K	80+	210°	Frosted	Glass	50K	
09321	LED12WT8F/36/850K-G7D	3'	12W	1,450	120+	5000K	80+	210°	Frosted	Glass	50K	
09371	LED12WT8/PRM/48/835-G7D	4'	12.5W	1,700	140+	3500K	80+	210°	Frosted	Glass	50K	✓
09372	LED12WT8/PRM/48/840-G7D	4'	12.5W	1,800	140+	4000K	80+	210°	Frosted	Glass	50K	✓
09373	LED12WT8/PRM/48/850-G7D	4'	12.5W	1,800	140+	5000K	80+	210°	Frosted	Glass	50K	✓
09288	LED15WT8F/48/835K-G7D	4'	15W	1,700	120+	3500K	80+	210°	Frosted	Glass	50K	✓
09278	LED15WT8F/48/840K-G7D	4'	15W	1,800	120+	4000K	80+	210°	Frosted	Glass	50K	✓
09279	LED15WT8F/48/850K-G7D	4'	15W	1,800	120+	5000K	80+	210°	Frosted	Glass	50K	✓
09396	LED18WT8F/48/835-G7D	4'	18W	2,200	120+	3500K	80+	210°	Frosted	Glass	50K	✓
09397	LED18WT8F/48/840-G7D	4'	18W	2,200	120+	4000K	80+	210°	Frosted	Glass	50K	✓
09398	LED18WT8F/48/850-G7D	4'	18W	2,200	120+	5000K	80+	210°	Frosted	Glass	50K	✓
09893	LED18WT8F/48/835-G7D-347V †	4'	18W	2,200	120+	3500K	80+	210°	Frosted	Glass	50K	✓
09891	LED18WT8F/48/840-G7D-347V †	4'	18W	2,200	120+	4000K	80+	210°	Frosted	Glass	50K	✓
09894	LED18WT8F/48/850-G7D-347V †	4'	18W	2,200	120+	5000K	80+	210°	Frosted	Glass	50K	✓
09789	LED15WT8F/U6/835-G7D	6" Ubend	15W	1,700	113+	3500K	80+	210°	Frosted	Glass	50K	✓
09790	LED15WT8F/U6/840-G7D	6" Ubend	15W	1,800	120+	4000K	80+	210°	Frosted	Glass	50K	✓
09791	LED15WT8F/U6/850-G7D	6" Ubend	15W	1,800	120+	5000K	80+	210°	Frosted	Glass	50K	✓

NOTE: Use order code when ordering.

*PET coated for reduced risk of breakage † Canada only

✓ DesignLights Consortium® Qualified

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LitespanLED® T8 Linear Bypass/Line Voltage								
Ordering Code	Watts	Shape	Base	Lumens	MOL	MOD	Rated Life	Approvals
LED15WT8F/48/835K-G7D	15	T8	G13	1700	47.78/1213.6	26/1.02	50,000	cULus, DLC, NSF
LED15WT8F/48/840K-G7D	15	T8	G13	1800	47.78/1213.6	26/1.02	50,000	cULus, DLC, NSF
LED15WT8F/48/850K-G7D	15	T8	G13	1800	47.78/1213.6	26/1.02	50,000	cULus, DLC, NSF
LED15WT8F/U6/835-G7D	15	T8	2G13	1700	22.44/570	1.02/25.8	50,000	cULus, DLC, NSF
LED15WT8F/U6/840-G7D	15	T8	2G13	1800	22.44/570	1.02/25.8	50,000	cULus, DLC, NSF
LED15WT8F/U6/850-G7D	15	T8	2G13	1800	22.44/570	1.02/25.8	50,000	cULus, DLC, NSF
LED11.5WT8/48/835-G7D	11.5	T8	G13	1700	47.78/1213.6	1.02/26	50,000	cULus, DLC, NSF
LED11.5WT8/48/840-G7D	11.5	T8	G13	1800	47.78/1213.6	1.02/26	50,000	cULus, DLC, NSF
LED11.5WT8/48/850-G7D	11.5	T8	G13	1800	47.78/1213.6	1.02/26	50,000	cULus, DLC, NSF
LED11.5WT8/48/835-PET-G7D	11.5	T8	G13	1700	47.78/1213.6	1.02/26	50,000	cULus, DLC, NSF
LED11.5WT8/48/840-PET-G7D	11.5	T8	G13	1800	47.78/1213.6	1.02/26	50,000	cULus, DLC, NSF
LED18WT8F/48/835-G7D-347V	18	T8	G13	2100	47.78/1213.6	1.02/26	50,000	cULus, DLC, NSF
LED18WT8F/48/840-G7D-347V	18	T8	G13	2200	47.78/1213.6	1.02/26	50,000	cULus, DLC, NSF
LED18WT8F/48/850-G7D-347V	18	T8	G13	2200	47.78/1213.6	1.02/26	50,000	cULus, DLC, NSF
LED12WT8F/36/835K-G7D	12	T8	G13	1400	35.78/908.8	1.02/26	50,000	cULus, DLC, FCC, NSF
LED12WT8F/36/840K-G7D	12	T8	G13	1450	35.78/908.8	1.02/26	50,000	cULus, DLC, FCC, NSF
LED12WT8F/36/850K-G7D	12	T8	G13	1450	35.78/908.8	1.02/26	50,000	cULus, DLC, FCC, NSF
LED9WT8F/24/835K-G7D	9	T8	G13	1100	23.78/604	1.02/26	50,000	cULus, DLC, NSF
LED9WT8F/24/840K-G7D	9	T8	G13	1150	23.78/604	1.02/26	50,000	cULus, DLC, NSF
LED9WT8F/24/850K-G7D	9	T8	G13	1150	23.78/604	1.02/26	50,000	cULus, DLC, NSF
LED18WT8F/48/835-G7D	18	T8	G13	2100	47.78/1213.60	1.02/26.00	50,000	cULus, DLC, NSF
LED18WT8F/48/840-G7D	18	T8	G13	2200	47.78/1213.60	1.02/26.00	50,000	cULus, DLC, NSF
LED18WT8F/48/850-G7D	18	T8	G13	2200	47.78/1213.60	1.02/26.00	50,000	cULus, DLC, NSF

NOTES:
