

02/26/20

## Linear LED T8 Lamp

### Internal Driver/Line Voltage/Double Ended LED T8

Internal Driver/Line Voltage/Double Ended LED Linear T8 Replacement Lamps are the ideal energy saving product when upgrading traditional T8 or T12 fluorescent lamps in fixtures. The LED T8 lamps are designed to provide a dedicated internal driver and utilizes G13 medium bi-pin lamp holders.



### Features:

- LxxT8 / LED Energy Saving Lamps
- Internal driver/line voltage (UL Type B)
  - No ballast needed
  - Uses G13 medium bi-pin lamp holders
- Low energy usage
- Environmentally friendly: no mercury, no UV or infrared light
- Low lumen depreciation – maintains brightness over its 50,000 hour rated life
- Minimum heat emission, reducing load on building cooling systems.
- Instant-on, no delay or flicker
- Used for upgrading T8 and T12 fixtures
- Compatible with controls and sensors
- Works in cold temperature and applications
- Glass tube for superior optical performance
- Opal lens prevents glare
- 5-Year Warranty

### Performance Characteristics:

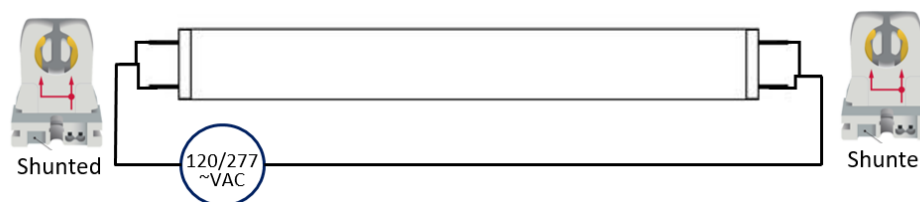
- Input Voltage: 120/277Vac
- Power Factor: 0.90 (-3% tolerance)
- Total Harmonic Distortion : 20% (+5% tolerance)
- High CRI >80
- Beam Angle: 325°
- Operation temperature: -20°C (-4°F) to 45°C (113°F)
- Storage temperature: -40°C (-40°F) to 85°C (185°F)

**No Ballast needed (UL Type B)  
Internal driver/line voltage lamp  
Must use shunted lamp holders as  
per wiring schematic**



Model #	Length (in.)	Base Type	Power (W)	Input Voltage (VAC)	Initial Lumens (lm)	CCT (K)	CRI	LPW	Beam Angle	Power Factor	THD	DLC
L24T8/840/9W/ACDE	24	G13	9	120/277	1150	4000	83	128	325°	0.9	<20%	Yes
L36T8/840/12W/ACDE	36		12		1450	4000	83	121	325°			
L48T8/840/12W/ACDE	48		12		1800	4000	83	150	325°			
L48T8/840/17W/ACDE	48		17		2200	4000	83	130	325°			

### Wiring Schematic:



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