

# LUNERA T8 LED 2FT (UL TYPE B)

## LED Replacement for Bi-pin 2FT T8 Fluorescent Lamp

### Line Driven (Ballast Bypassed)



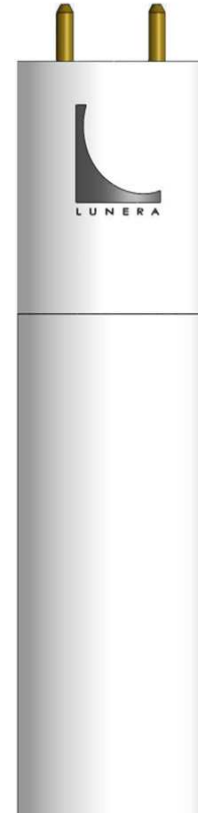
### Description

The LUNERA T8 LED 2FT is an energy saving, Line Driven linear LED replacement for a 17W, 2FT medium base bi-pin T8 fluorescent lamp. Its built-in universal driver allows lamp operation at 120V ~ 277V.

This beautiful LED lamp emits light over 330° of its surface, has a Color Rendering Index (CRI) of 83 and delivers up to 1,150 lumens of usable light. The LUNERA T8 LED 2FT features a glass tube for improved optics and is available in 3000K, 3500K, 4000K and 5000K color temperatures.

The LUNERA T8 LED 2FT delivers over 50% energy savings and has a long lifespan rated at 50,000 hours and is supported by a five-year warranty. It contains no mercury allowing for non-hazardous waste disposal.

The LUNERA T8 LED 2FT (UL Type B) does not support fluorescent T8 ballasts and G13 Lamp sockets must be wired into AC line voltage.



### Features

- Directly replaces 17W 2FT Bi-pin T8 fluorescent lamps
- Line Driven lamp; supports 120V ~ 277V
- Delivers up to 1,150 lumens of usable light
- >80 CRI
- CCT 3000K, 3500K, 4000K and 5000K
- 50,000 hours life to L70
- 5-Year Warranty



### Ordering Information

Example: HN-T8-L-24-9W-830-G1

Series	Socket Type	Power Supply	Dimension	Lamp Wattage Replaced	CCT	Generation
<b>HN</b> Lunera T8 LED	<b>T8</b> T8 medium bi-pin connector	<b>L</b> Ballast Bypass Supports 120V ~ 277V	<b>24</b> 24 inch tube	<b>9W</b> Replaces 17W, 2FT Medium bi-pin T8 Fluorescent Lamp	<b>830</b> 3000 Kelvin <b>835</b> 3500 Kelvin <b>840</b> 4000 Kelvin <b>850</b> 5000 Kelvin	<b>G1</b> 1st Generation Frosted  <b>G1P</b> 1st Generation Frosted P.E.T

PROJECT	CONTACT	MODEL NO.
REFERENCE NO.	QUANTITY	DATE

## Product Specifications

### Illumination

Color Temperatures	3000K, 3500K, 4000K, 5000K
Delivered Lumens:	Up to 1150lm
CRI	>80
Color Consistency	Lunera TruColor Proprietary Process
Lumen Maintenance (L70)	50,000+ hours life

### Electrical System

Power Factor	> 90%
Total Harmonic Distortion	< 20%
Input Voltage	120V ~ 277V 50/60Hz AC Line Voltage
Total Power	9W
Lamp Wattage Replaced	20W/17W and less
Dimming	No

### Physical

Weight	0.25 lbs
Housing and Finish	Glass, White
Optics	Optical Glass Diffusion
Beam Spread	330°
Beam Angle	230°

### Environment

Ambient Operating Temp	-40°F to 104°F (-40°C to 40°C)
Ambient Operating Humidity	Dry and Damp Certified

### Installation

Socket Type	Medium bi-pin T8 socket (G13 non-shunted tombstones only)
Line Voltage	Yes, this lamp is not rated for use with fluorescent T8 ballasts

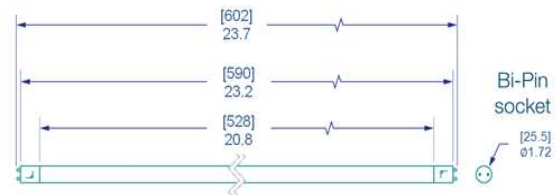
### Certifications & Qualifications

UL	Classified, Recognized (UL1598C)
RoHS Compliant	Contains no lead or mercury
DLC Listed	Listed
LM79, LM80, IES Files	Available. Contact Lunera.

### Warranty

Warranty	5 years
----------	---------

## Dimensions



## Application Notes

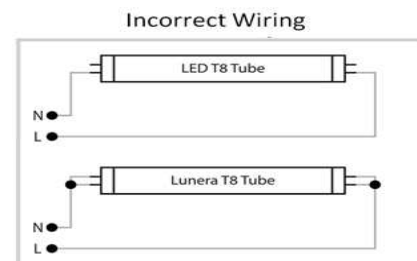
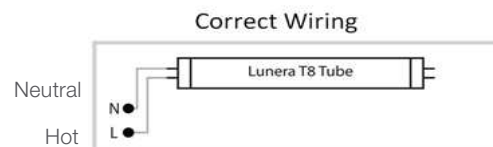
The Lunera T8 LED 2FT may be used in open and 2-lamp IP67 rated enclosed fixtures. Indoors or outdoors.

This lamp does NOT support shunted tombstones.

Shunted tombstones must be removed and replaced with non-shunted tombstones.

## Electrical Connection

Lunera T8 LED driven by 120V/277V 60Hz AC



## CAUTION

Turn power off when installing the lamp.

**CAUTION** - IF THE LAMP OR LUMINAIRE EXHIBITS UNDESIRABLE OPERATION (BUZZING, FLICKERING, ETC.), IMMEDIATELY TURN OFF POWER, REMOVE LAMP FROM LUMINAIRE AND CONTACT MANUFACTURER.