

LUNERA HELEN LAMP T8 (UL TYPE B)

LED Replacement for Bi-Pin 4ft T8 Fluorescent Lamp Ballast Bypass



Description

The Helen Lamp T8 (UL Type B) is an energy saving, linear LED replacement for a 32W, 4ft medium base Bi-Pin T8 fluorescent lamp. Its built-in universal driver allows lamp operation at 120V ~ 277V.

This lamp emits beautiful LED light over 330° of its surface. It has a Color Rendering Index (CRI) of 83 and delivers up to 1,800 lumens of usable beautiful light. The Helen Lamp T8 features a glass tube for improved optics and is available in 3000K, 3500K, 4000K and 5000K color temperatures.

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

Features

- Directly replaces 32W 4ft Bi-Pin T8 fluorescent lamps
- Line-Driven Lamp; supports 120V ~ 277V
- Delivers up to 1,800 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-48-15W-830-G1

Series	Socket Type	Power Supply	Dimension	Lamp Wattage Replaced	CCT	Generation
HN Helen Lamp	T8 Fixture with medium, Bi-Pin T8 socket	L Ballast Bypass Supports 120V~277V	48 48 inch tube	15W Replaces 32W Medium Bi-Pin T8 Fluorescent Lamp	830 3000 Kelvin 835 3500 Kelvin 840 4000 Kelvin 850 5000 Kelvin	G1 1st Generation Frosted G1P 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 1800 lm
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	15W
Lamp Wattage Replaced	32W and less
Dimming	No

Physical

Weight	0.45 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 (Non-Shunted Tombstone)
Line Voltage	YES, this lamp is not rated for use with fluorescent T8 ballasts

Certifications & Qualifications

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

Warranty

Warranty	5 years
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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.

Dimensions



Application Notes

The Helen Lamp T8 may be used in open and 2-lamp IP67 rated enclosed fixtures. Indoors or outdoors.

The lamp DOES NOT support shunted tombstones.

Electrical Connection

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

