

<b>Date</b>		<b>Project</b>	
<b>Type</b>		<b>Part Number</b>	



ALL-IN-ONE PERFORMANCE LIGHTING

# T8 Series

## 3ft Bypass Ballast LED T8 Tube

Ballast Bypass T8 Tubes are designed for direct wiring, eliminating the need for a ballast. These energy-efficient bulbs offer superior brightness, long-lasting performance, and easy installation. Ideal for retrofit projects, they reduce maintenance and energy costs while providing flicker-free, high-quality illumination.



### PRODUCT FEATURES

- Built-in safety switch prevents electrical shock during installation
- Operates directly on 120-277V & 347V line voltage
- Compatible with shunted and non-shunted lamp holders
- Rated for use in fully enclosed fixtures.
- Suitable for use in dry and damp locations
- NSF Listed: NSF/ANSI Standard 2 - Food Equipment
- Operating Temperature: -4°F to 113°F ( -20°C to 45°C)
- 120V TRIAC Dimming
- Reno LED T8 lamps conform to UL 1598 Standard
- 10 year limited warranty

### KEY SPECIFICATIONS

<b>Voltage</b>	120-347V
<b>Lamp Base</b>	G13 (Medium Bi-Pin)
<b>Wattage</b>	12W
<b>Length</b>	3FT
<b>Efficacy</b>	Up to 129 lm/W
<b>CCT</b>	<b>Selectable CCT:</b> 35/40/5000K
<b>CRI</b>	>83
<b>Lumens</b>	Up to 1,550 lm
<b>Beam Angle</b>	330°
<b>Installation</b>	Double ended or Single ended power (347V only works with Double ended)
<b>Applications</b>	Commercial, Residential, Office, Food Service Facilities



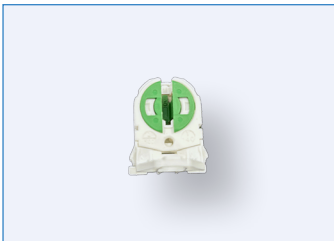
## SPECIFICATIONS – T8 TYPE B

Order#	Model	Wattage	Voltage	Lumens	Efficacy	CCT
R41129	RENO-LEDT8BP-12W-MCCT-36G	12W	120-347V	1,450 lm	121 lm/W	3500K
				1,550 lm	129 lm/W	4000K
				1,550 lm	129 lm/W	5000K

## DLC CERTIFICATION

Order#	Model	Application	DLC Standard	DLC Premium
R41129	RENO-LEDT8BP-12W-MCCT-36G	Internal Driver/Line Voltage (UL Type B) Lamps	S-J8X4CG	–

## ACCESSORIES



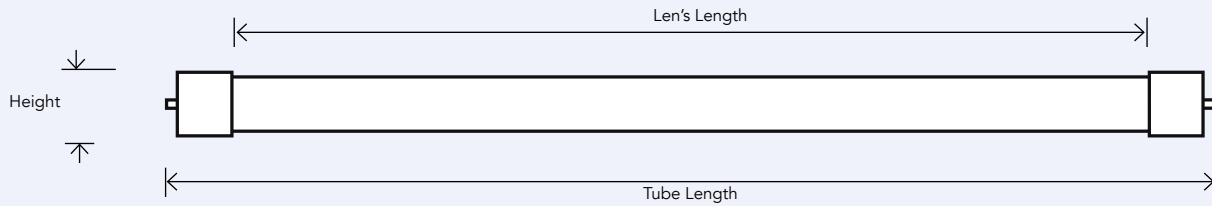
RENO-S-SN-U-PBT

Shunted T8 Socket

Model	Description
RENO-S-SN-U-PBT	Shunted T8 Socket

## DIMENSIONS

T8



Len's Length: 31.4" (797.6 mm)

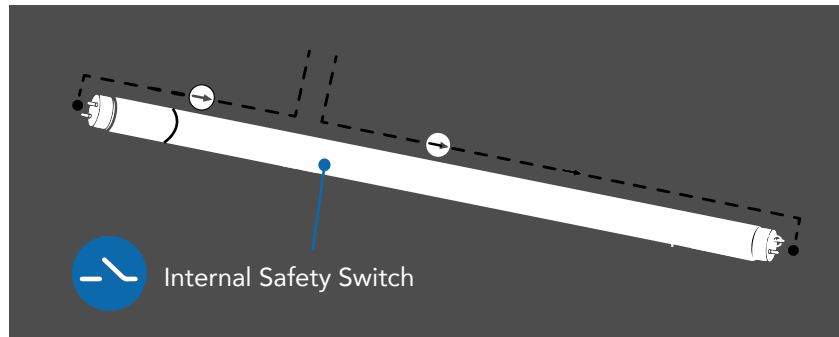
Height: 1.1" (27.9 mm)

Tube Length: 35.2" (894.1 mm)

Weight: 0.44 lbs (0.20 kg)

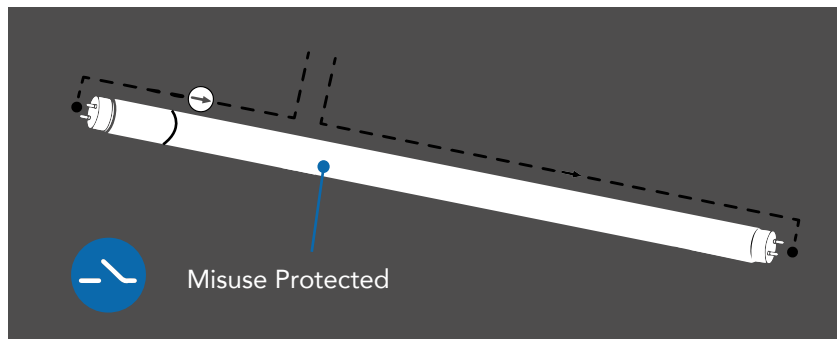
## PROTECTION FEATURES

### INTERNAL SAFETY SWITCH



Internal Safety Switch for installation protection.  
(No current will flow until pins on both ends are engaged)

### MISUSE PROTECTED FUNCTION

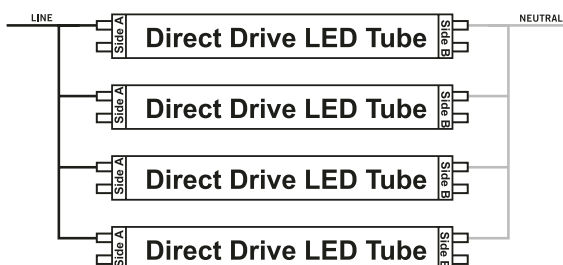


Misuse - Protected function if forgot to by-pass the ballast, the lamp won't work, no risk of fire or cap melting.

## DOUBLE-ENDED INSTALLATION

1. Cut all existing connections to ballast as shown below and remove ballast.  
See Figure A above for typical ballast configurations.
2. Re-wire fixture as shown below. For Double-ended wiring, use either shunted or nonshunted lampholders.  
**Note:** There should not be any exposed wires at the end of installation.

Shunted Lampholders



Nonshunted Lampholders

