



Hybrid A/B Tubes can be used as a plug and play (UL type A) or a double-ended (UL Type B) retrofit. This allows for maximum in-field flexibility and reduces the amount of SKUs need to stock.

Color: White

Weight: 0.5 lbs

**Project:**

**Type:**

**Prepared By:**

**Date:**

### Driver Info

Watts 12.00W  
 Color Temp 4000K (Cool White)  
 Lumens 1,800  
 Efficacy 150 LPW  
 Color Accuracy 80 CRI  
 L70 Accuracy 50,000

### LED Info

Input Voltage Ballast Dependent  
 Power Factor >0.9  
 Flicker N/A  
 THDi N/A  
 R9

## Technical Specifications

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**Product Type:**

Linear

**Bulb Shape:**

T8

**Nominal Length:**

4FT

**Finish:**

Frosted

**Wattage:**

12W

**Wattage Equivalency:**

32W Fluorescent

**Typical Lumen Output:**

1800

**Efficacy:**

150 lm/W

**Color Temperature:**

4000K Cool White

**CRI:**

80

**Base Type:**

G13

**L70 Lifespan:**

50,000 hours

**Operating Temperature:**

-25°C - 45°C

**Dimmable:**

No

**Beam Angle:**

210°

**Warranty:**

5-Year, No-Compromise Warranty

**Installation Type:**

Hybrid, Works with or without Ballast

**For Use in Emergency Fixtures:**

No

**For Use Outdoors in Open Fixtures:**

No

## Technical Specifications (continued)

### Electrical Characteristics

**Input Voltage:**

Ballast Dependent

**Power Factor:**

>0.9

**Operating Frequency:**

Ballast Dependent

**Input Current @ 120V:**

Ballast Dependent

**Input Current @ 277V:**

Ballast Dependent

**THDi:**

<25%

**Listings**

**UL Listed:**

Yes

**UL Classified:**

Yes

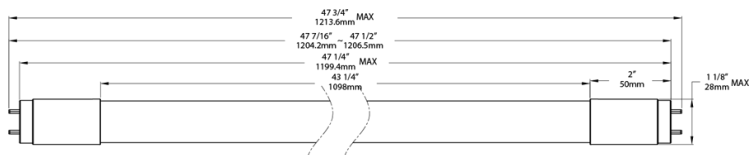
**NSF Listing:**

Meets NSF/ANSI standards for use in Food Zone (non-contact), Splash, and Non-Food Zones

**CEC Status:**

Lawful for sale in California

### Dimensions



### Features

**FLUORESCENT REPLACEMENT** - Replace conventional fluorescent T8 linear tubes.

**TYPE A/B Glass Hybrid** - is both Ballast Bypass and Ballast Compatible.

**COMPATIBLE** with common commercial instant start ballasts.

**50,000-HOUR LIFESPAN** - Lasts 1.6x longer than conventional fluorescent tubes.

**ENCLOSED FIXTURE RATED** - May be used in enclosed and open fixtures.

**DIFFUSION COATING** - Will maintain the same light quality over time and won't yellow, shrink, or wrinkle.

**HIGHLY EFFICIENT** led tube delivers greater than 150 lm/W.

**SAVE ENERGY AND MONEY** - Approximately 40% more efficient than conventional T8 lamps.

**MERCURY FREE** - Environmentally friendly vs fluorescent technologies.