

T8-12-48GC-850-SD-BYP



Replace conventional T8/T12 fluorescent tubes. Capable of single- or double-ended wiring for maximum in-the-field flexibility. Shatter resistant coated glass construction.

Color: White

Weight: 0.5 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Watts 12.00W
 Color Temp 5000K (Daylight)
 Lumens 1,800
 Efficacy 150 LPW
 Color Accuracy 80 CRI
 L70 Accuracy 50,000

LED Info

Input Voltage 120-277
 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:

5000K Daylight

CRI:

80

Base Type:

G13

L70 Lifespan:

50,000 hours

Operating Temperature:

-20°C - 45°C

Dimmable:

No

Beam Angle:

180°

Warranty:

5-Year, No-Compromise Warranty

Installation Type:

Type B, Single or Double Ended wiring

For Use in Emergency Fixtures:

No

For Use Outdoors in Open Fixtures:

No

Technical Specifications (continued)

Electrical Characteristics

Input Voltage:

120-277V

Power Factor:

>0.9

Operating Frequency:

50 / 60 Hz

Input Current @ 120V:

116mA

Input Current @ 277V:

50mA

THDi:

≤25%

Listings

UL Recognized:

Yes

UL Classified:

Yes

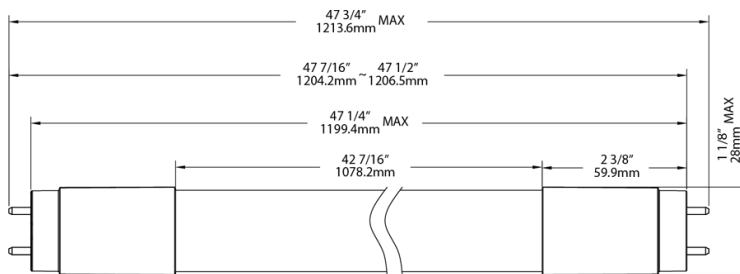
NSF Listing:

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 and T12 linear tubes
- EASY TO INSTALL - Simply cut the ballast out, and rewire sockets directly to line voltage
- SAVE ENERGY AND MONEY - Provides same output as fluorescent but uses far less energy
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- 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
- BALLAST BYPASS - Internal driver eliminates the need for external ballasts or drivers
- INSTANT ON - No warmup time required, full brightness instantly
- LOW FLICKER - Less than 5% flicker
- MERCURY FREE - Environmentally friendly vs fluorescent technologies
- SHUNTED AND NON-SHUNTED - Works on shunted and non-shunted sockets
- SINGLE OR DOUBLE-ENDED WIRING - Can be wired using either single-ended or double-ended method for maximum flexibility