

# T8-14.5-48GC-840-SE-BYP-PDIM

**RAB** | Lamps



Replace existing T8/T12 fluorescent tubes. These models also have advanced driver technology that allows these lamps to dim on either 0-10V or 120V dimmers

Color: White

Weight: 0.6 lbs

**Project:**

**Type:**

**Prepared By:**

**Date:**

## Driver Info

Watts 14.50W  
Color Temp 4000K (Cool White)  
Lumens 1,825  
Efficacy 125.9 LPW  
Color Accuracy 80 CRI  
L70 Accuracy 50,000

## LED Info

Input Voltage 100-277V  
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:

14.5W

#### Wattage Equivalency:

32W Fluorescent

#### Typical Lumen Output:

1825

#### Efficacy:

126 lm/W

#### Color Temperature:

4000K Cool White

#### CRI:

80

#### Base Type:

G13

#### L70 Lifespan:

50,000 hours

#### Operating Temperature:

-20°C - 45°C

#### Dimmable:

Yes, 120V

#### Beam Angle:

180°

#### Warranty:

5-Year, No-Compromise Warranty

#### Installation Type:

Type B, Single Ended wiring

#### For Use in Emergency Fixtures:

No

#### For Use Outdoors in Open Fixtures:

No

## Technical Specifications (continued)

### Electrical Characteristics

#### Input Voltage:

100-277V

#### Power Factor:

>0.9

#### Operating Frequency:

60 Hz

### Input Current @ 120V:

130mA

#### THDi:

<25%

### Listings

#### UL Recognized:

Yes

### UL Classified:

Yes

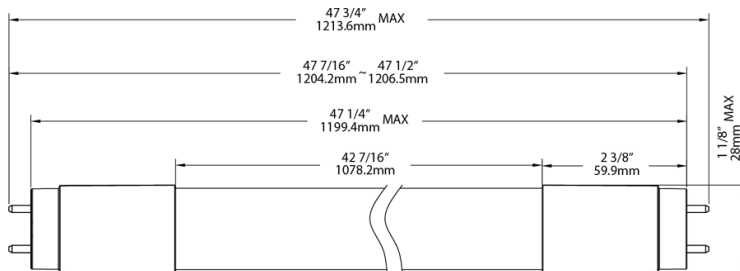
### NSF Listing:

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

**NON-SHUNTED** - Works only on non-shunted sockets

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