



Project:	Туре:
Prepared By:	Date:

Driver Info LED Info		0	
Туре	Constant Current	Watts	10.5WW
120V	N/A	Color Temp	3000/3500/4000/5000/6500K
208V	N/A	Color	
240V	N/A	Accuracy	80 CRI
277V	N/A	L70	50,000 Hours
Input Watts	12W	Lifespan	30,000 110013
		Lumens	1,650 lm
		Efficacy	157 lm/W lm/W

## **Technical Specifications**

#### Performance

#### Wattage Equivalency:

32W Fluorescent

#### Efficacy:

138lm/W

## L70 Lifespan:

50,000-Hour LED lifespan based on IES LM-70 results

## **Electrical**

### THD:

<25%

#### **Power Factor:**

>0.9

### Dimmable:

Type B: Triac Dimming @ 120V only
Type A: 0-10V dimming with compatible dimmable
fluorescent ballast and 0-10V Dimmer

## Input Voltage:

Type A: Ballast dependent Type B: 120-277V

## **Operating Frequency:**

50/60Hz

### **Operating Temperature:**

-4°F to 104°F (-20°C to 40°C)

### Flicker:

<40%

### **LED Characteristics**

## Beam Angle:

220°

## Color Temperature:

Field adjustable via dip switch 3000/3500/4000/5000/6500K

## Color Accuracy (CRI):

80 CRI

## R9 Value:

High color performance with R9 greater than 0

### **Color Consistency:**

<7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

## Color Stability:

LED color temperature is warrantied to shift no more than 200K in color temperature over a 5-year period

### **Color Uniformity:**

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

### Installation

### **Installation Method:**

UL Type A+B, Hybrid

## Base Type:

G13

### Construction

## Length:

4 ft

## Shape:

18

# Finish:

White

### **Endcap Material:**

Plastic

### **Enclosure Material:**

Glass

### Lens Finish:

Frosted



## **Technical Specifications (continued)**

## Compliance

### Listings:

UL Listed, UL Classified

#### **Environment:**

Suitable for use indoors in dry and damp environments.

### **Fixture Rating:**

Suitable for use in enclosed fixtures. Suitable for use in open fixtures.

### **DLC Listed:**

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.
DLC Product Code: N1XMLOEATBA
Learn more about Lightcloud.com.

#### **Certification Model Number:**

T10299(T8-10.5-48G-8CCT-HYB)

### California Title 20 Compliant:

No

#### California Title 24 JA8 Compliant:

No

#### California Energy Commission (CEC) Status:

Lawful for Sales in California

## NSF Listed:

Meets NSF/ANSI standards for use in Food Zone (non-contact), Splash, and Non-Food Zones. Tube guard required in open fixtures.

#### RoHS:

Mercury and UV free. RoHS-compliant components.

## FCC:

Complies with Part 15 of the FCC Rules

#### Other

#### Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at <a href="mailto:rable-trans-rable-t

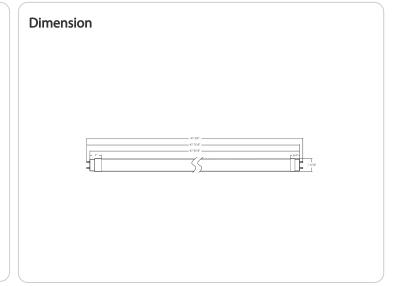
### **Buy American Act Compliance:**

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.



## **Case and Pallet Dimensions**

	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)	
CASE	25	50.63	6.18 7.05		
PALLET	1000	51.42	37.87	49.33	



## **Features**

Direct replacement for fluorescent lamps: F32T8/32W, F32T8/30W, F32T8/28W, F32T8/25W

TYPE A - plug-and-play compatible with most common commercial T8 electronic ballasts

TYPE B - can be wired directly to line voltage 120-277V. Can be wired using single- or double-ended method

Works with both shunted and non-shunted sockets

5 color temperatures in 1 SKU (3000K, 3500K, 4000K, 5000K, 6500K)

50,000-Hour lifespan

Orderin	g Matrix						
Family	Wattage	Length/Material	CRI/Color Temp	Driver	Wiring Method	Installation Type	Lens Finisl
T8	10.5	- 48G -	8CCT	-		НҮВ	
	<b>7.5</b> = 7.5W <b>11</b> = 11W <b>12</b> = 12W <b>15</b> = 15W	<b>24G</b> = 2 ft, Glass <b>36G</b> = 3 ft, Glass <b>48G</b> = 4 ft, Glass	<b>8CCT =</b> 80 CRI, 3000/3500/4000/5000/6500K CCT Adjustable	<b>Blank =</b> 120-277V	Blank = Single & Double Ended	<b>HYB</b> = Hybrid	Blank = Frosted C = Clear