# T8-12-48G-8CCT-HYB

# RAB



Project:	Туре:
Prepared By:	Date:

## **Technical Specifications**

Performance	Wattage Equivalency:	Input Voltage:
Product Type:	32W Fluorescent	Type A: Ballast dependent
Linear Tube	Electrical	Туре В: 120-277V
Input Wattage:	THD:	Operating Frequency:
12W	≤25%	60Hz
Lumens (Nominal):		Operating Temperature:
	Power Factor:	-4°F - 113°F (-20°C - 45°C)
6500K: 1,569lm 5000K: 1,629lm	>0.9	Flicker:
4000K: 1,618lm	Dimmable:	<40%
3500K: 1,602lm	Yes	
3000K: 1,563lm	Dimming Type:	
Efficacy:	0-10V & Phase cut	
6500K: 139 Lm/W		
5000K: 144 Lm/W		
4000K: 143 Lm/W 3500K: 142 Lm/W		

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

3000K: 138 Lm/W L70 Lifespan:

## **Technical Specifications (continued)**

#### **LED Characteristics**

**Color Temperature:** 

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

#### Color Accuracy (CRI):

>80 CRI

#### **R9 Value:**

High color performance with R9 no less than 0

#### Color Consistency:

<6-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

Construction

Base Type:

G13

Nominal Length:

4 FT

### Bulb Shape:

T8

Endcap Material:

# Plastic

Enclosure Material:

Glass Lens Finish:

#### Frosted

Compliance

#### Safety Listing:

UL Listed, UL Classified

Environment:

Suitable for use in dry and damp environments

**Fixture Rating:** Suitable for enclosed fixtures

Model Number:

T10370(T8-12-48G-8CCT-HYB)

#### 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

#### 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: S-0GTH45

#### Other

#### **Compatible Products:**

See Dimmer and Ballast compatibility lists.

#### 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 <u>rablighting.com/warranty.</u>

#### Note:

All values are typical (tolerance +/- 10%)

#### Buy American Act Compliance:

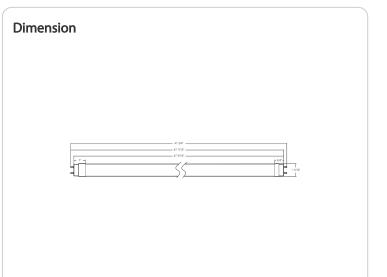
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.



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## **Case and Pallet Dimensions**

	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)	
CASE	25	50.63	6.18	7.05	
PALLET	1050	51.42	37.87	49.33	



### Features

5 Color temperature selectable between 6500K, 5000K, 4000K, 3500K, 3000K

Direct Replacement for Fluorescent Lamps: F32T8/32W, F32T8/30W, F32T8/28W, F32T8/25W

TYPE A - Plug and play compatible with most common commercial instant start 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

#### **Ordering Matrix**

Family	Wattag	e	Length	Material		CRI/Color Temp	Voltage	Installation Type
T8	- 12		48	G	-	8CCT		HYB
	<b>12</b> = 12 <b>15</b> = 15		<b>48 =</b> 4ft	<b>G =</b> Glass		8CCT = 80 CRI, 6500K/5000K/4000K/3500K/3000K Field Adjustable	Blank = 120-277V	<b>HYB =</b> Hybrid