



<b>Project:</b>	<b>Type:</b>
<b>Prepared By:</b>	<b>Date:</b>

Driver Info		LED Info	
Type	Constant Current	Watts	16W
120V	N/A	Color Temp	3000/3500/4000/5000/6500K
208V	N/A	Color Accuracy	80 CRI
240V	N/A	L70 Lifespan	50,000 Hours
277V	N/A	Lumens	2,150 lm
Input Watts	16.5W	Efficacy	130

### Technical Specifications

<p><b>Performance</b></p> <hr/> <p><b>Wattage Equivalency:</b> 32W Fluorescent</p> <p><b>Input Wattage:</b> 16.5W</p> <p><b>Lumens:</b> 2,150lm</p> <p><b>Efficacy:</b> 130lm/W</p> <p><b>L70 Lifespan:</b> 50,000-Hour LED lifespan based on IES LM-70 results</p> <p><b>Electrical</b></p> <hr/> <p><b>THD:</b> &lt;25%</p> <p><b>Power Factor:</b> &gt;0.9</p> <p><b>Dimmable:</b> Type B: Triac Dimming @ 120V only Type A: 0-10V dimming with compatible dimmable fluorescent ballast and 0-10V Dimmer</p>	<p><b>Input Voltage:</b> Type A: Ballast dependent Type B: 120-277V</p> <p><b>Operating Frequency:</b> 50/60Hz</p> <p><b>Operating Temperature:</b> -4°F to 104°F (-20°C to 40°C)</p> <p><b>Flicker:</b> &lt;40%</p> <p><b>LED Characteristics</b></p> <hr/> <p><b>Beam Angle:</b> 220°</p> <p><b>Color Temperature:</b> Field adjustable via dip switch 3000/3500/4000/5000/6500K</p> <p><b>Color Accuracy (CRI):</b> 80 CRI</p> <p><b>R9 Value:</b> High color performance with R9 greater than 0</p> <p><b>Color Consistency:</b> &lt;7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color</p>	<p><b>Color Stability:</b> LED color temperature is warrantied to shift no more than 200K in color temperature over a 5-year period</p> <p><b>Color Uniformity:</b> 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.</p> <p><b>Installation</b></p> <hr/> <p><b>Installation Method:</b> UL Type A+B, Hybrid</p> <p><b>Base Type:</b> G13</p> <p><b>Construction</b></p> <hr/> <p><b>Length:</b> 4 ft</p> <p><b>Shape:</b> T8</p> <p><b>Finish:</b> Clear</p> <p><b>Endcap Material:</b> Plastic</p>
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## Technical Specifications (continued)

**Enclosure Material:**

Glass

**Lens Finish:**

Clear

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**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.

**Certification Model Number:**

T10298(T8-15-48G-8CCT-HYB-C)

**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

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**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 [rablighting.com/warranty](http://rablighting.com/warranty).

**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

## Dimension



## 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

## Ordering Matrix

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