

<b>Project:</b>	<b>Type:</b>	<b>Prepared By:</b>	<b>Date:</b>
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### Features and Benefits

- Replacement for conventional fluorescent T8 and T12 linear tubes
- Integral driver enables lamp to be wired directly to line voltage without need for an external driver or ballast
- Works with non-shunted sockets ONLY
- NSF Listed: NSF/ANSI Standard 2 - Food Equipment - Splash Zone (Not for Direct Food Zone without additional fixture considerations)
- For use with compatible 0-10V dimming systems

Technical Specifications		
<b>Performance</b> <hr/> <b>Product Type:</b> Linear Tube  <b>Wattage Equivalency:</b> 32W Fluorescent  <b>Input Wattage:</b> 12.5W  <b>Lumens:</b> 1,750lm  <b>Efficacy:</b> 140lm/W  <b>L70 Lifespan:</b> 50,000-Hour LED lifespan based on IES LM-70 results  <b>Electrical</b> <hr/> <b>THD:</b> ≤25%  <b>Power Factor:</b> >0.9	<b>Dimmable:</b> Yes, dimmable down to 10% on compatible 0-10V dimming systems. See Dimmer Compatibility List.  <b>Input Voltage:</b> 120-277V  <b>Operating Frequency:</b> 50/60Hz  <b>Input Current @ 120V (mA):</b> 105mA  <b>Input Current @ 208V (mA):</b> 61mA  <b>Input Current @ 240V (mA):</b> 55mA  <b>Input Current @ 277V (mA):</b> 48mA  <b>Operating Temperature:</b> -4°F to 113°F (-20°C to 45°C)  <b>Flicker:</b> ≤5%	<b>LED Characteristics</b> <hr/> <b>Beam Angle:</b> 160°  <b>Color Temperature:</b> 3500K  <b>Color Accuracy (CRI):</b> ≥80 CRI  <b>R9 Value:</b> High color performance with R9 greater than 0  <b>Color Consistency:</b> <5-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color  <b>Color Stability:</b> LED color temperature is warrantied to Shift no more than 200K in color temperature over a 5-year period  <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.



## Technical Specifications (continued)

### Installation

**Installation Method:**

UL Type B, Ballast Bypass

**Base Type:**

G13

### Construction

**Length:**

4 ft

**Shape:**

T8

**Finish:**

White

**Endcap Material:**

Plastic

**Enclosure Material:**

Glass w/ Polyethylene Terephthalate (PET)

**Lens Finish:**

Frosted

### Compliance

**Listings:**

UL Classified, UL Recognized

**ETL Listed:**

No

**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 family is listed with the DesignLights Consortium (DLC). Individual SKUs within this family may carry either a DLC Standard or DLC Premium qualification. Please refer to the individual product specification sheet or the DLC Qualified Products List (QPL) at [designlights.org](http://designlights.org) to confirm the qualification status of a specific SKU prior to specification or purchase.

**Certification Model Number:**

T10287(T8-12.5-48GC-835-SE-BYP-DIM)

**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

**5-Year, No-Compromise 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).

**Case and Pallet Dimensions**

	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)
<b>CASE</b>	25	50.16	7.32	7.32
<b>PALLET</b>	750	51.18	37.4	49.61

**Dimension**

