

Project: \_\_\_\_\_ Type: \_\_\_\_\_ Prepared By: \_\_\_\_\_ Date: \_\_\_\_\_



### 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
- Approximately 50% more energy efficient when compared to Fluorescent T8 lamps
- Works with non-shunted sockets ONLY.
- Separate wiring harness and socket kit accessory available
- 50,000 hour Lifespan
- Rated for use in enclosed and open fixtures in dry or damp locations
- Diffused frosted lens will maintain the same light quality over time
- Instant on full brightness
- Environmentally friendly, no mercury used
- NSF Listed: NSF/ANSI Standard 2 - Food Equipment - Splash Zone (Not for Direct Food Zone without additional fixture considerations)
- Compatible with RAB specified 0-10V dimming system

Technical Specifications		
<p><b>Performance</b></p> <p><b>Product Type:</b> Linear</p> <p><b>Input Wattage:</b> 14W</p> <p><b>Lumens:</b> 1,800lm</p> <p><b>Efficacy:</b> 130lm/W</p> <p><b>L70 Lifespan:</b> 50,000 Hours</p> <p><b>Wattage Equivalency:</b> 32W Fluorescent</p> <p><b>Construction</b></p> <p><b>Material:</b> Glass</p> <p><b>Shape:</b> T8</p>	<p><b>Nominal Length:</b> 4 ft</p> <p><b>Finish:</b> Frosted</p> <p><b>For Use Outdoors in Open Fixtures:</b> No</p> <p><b>LED Characteristics</b></p> <p><b>Color Temperature:</b> 5000K Daylight</p> <p><b>Color Accuracy (CRI):</b> 80 CRI</p> <p><b>Beam Angle:</b> 180°</p> <p><b>Installation</b></p> <p><b>Base Type:</b> G13</p> <p><b>Installation Type:</b> Type B, Single Ended wiring</p>	<p><b>Electrical</b></p> <p><b>THD:</b> ≤25%</p> <p><b>Power Factor:</b> &gt;0.9</p> <p><b>Operating Temperature:</b> -20°C to 45°C (-4°F to 113°F)</p> <p><b>Dimming:</b> Yes with 0-10V dimmer. See Dimmer Compatibility List.</p> <p><b>Input Voltage:</b> 100-277V</p> <p><b>Operating Frequency:</b> 50/60Hz</p> <p><b>Input Current @ 120V:</b> 135mA</p> <p><b>Input Current @ 277V:</b> max 55mA</p>

## Technical Specifications (continued)

### Other

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**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).

### Compliance

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**UL Recognized:**

Yes

**UL Classified:**

Yes

**NSF Listed:**

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

**Certification Model Number:**

T10039

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

Lawful for Sales in California

**Application:**

Suitable for damp locations and totally enclosed 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.

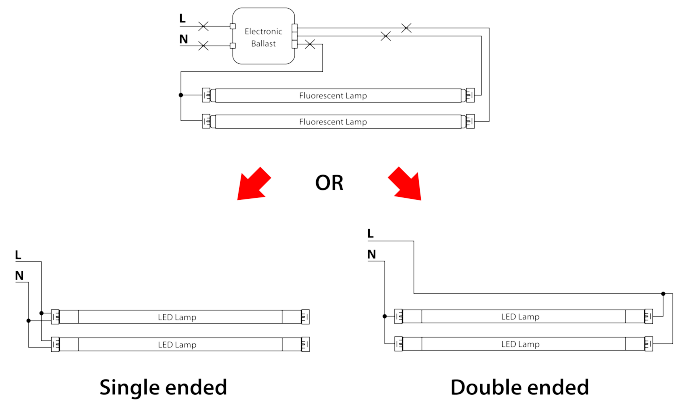
Minimum Compartment Size

Length x Width x Height [in]	Lamp Quantity
49	4

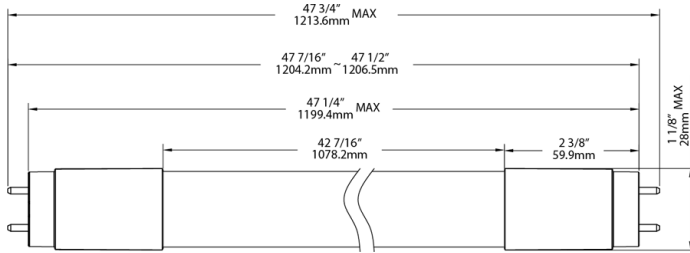
Case and Pallet Dimensions

	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)
CASE	25	49.4	7.7	8
PALLET	625	43.3	40.6	51.2

Wiring Diagram



Dimension



Light Distribution

