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



### 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
- Double ended wiring method
- Works with shunted sockets.
- Approximately 50% more energy efficient when compared to Fluorescent T8 lamps
- 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)
- Internal thermal fuse for added safety
- Emergency back up available

| Technical Specifications   |  |   |
|--|--|---|
| <p><b>Performance</b></p> <p><b>Product Type:</b><br/>Linear</p> <p><b>Input Wattage:</b><br/>24W</p> <p><b>Lumens:</b><br/>3,500lm</p> <p><b>Efficacy:</b><br/>146lm/W</p> <p><b>L70 Lifespan:</b><br/>50,000-Hour LED lifespan based on IES LM-70 results</p> <p><b>Wattage Equivalency:</b><br/>59/54W Fluorescent</p> <p><b>Compliance</b></p> <p><b>UL Listed:</b><br/>Suitable for damp locations</p> <p><b>Enclosed Fixtures:</b><br/>Suitable for use in enclosed fixtures</p> | <p><b>Certification Model Number:</b><br/>T10271(T8-24-96G-FA8-840-DE-BYP)</p> <p><b>DLC Listed:</b><br/>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 <a href="http://designlights.org">designlights.org</a> to confirm the qualification status of a specific SKU prior to specification or purchase.</p> <p><b>LED Characteristics</b></p> <p><b>Color Temperature:</b><br/>4000K</p> <p><b>Color Accuracy (CRI):</b><br/>82 CRI</p> <p><b>Beam Angle:</b><br/>210°</p> | <p><b>Electrical</b></p> <p><b>THD:</b><br/>≤20+5%</p> <p><b>Power Factor:</b><br/>0.9</p> <p><b>Dimmable:</b><br/>Yes, 0-10V</p> <p><b>Flicker:</b><br/>50%</p> <p><b>Operating Temperature:</b><br/>-20°C to 45°C (-4°F to 113°F)</p> <p><b>Input Voltage:</b><br/>120-277V</p> <p><b>Operating Frequency:</b><br/>50/60Hz</p> <p><b>Construction</b></p> <p><b>Shape:</b><br/>T8</p> |

**Technical Specifications (continued)**

**Endcap Material:**

Plastic

**Enclosure Material:**

Glass

**Installation**

**Base Type:**

Fa8

**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) |
|--------|------|-------------|------------|-------------|
| CASE   | 10   | 95.7        | 7.5        | 96          |
| PALLET | 1050 | 96.46       | 39.37      | 90.94       |

**Dimension**

