

<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
- Single ended and double ended wiring method
- Works with non-shunted sockets and 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

Technical Specifications		
<p><b>Performance</b></p> <p><b>Product Type:</b> Linear</p> <p><b>Input Wattage:</b> 17.5W</p> <p><b>Lumens (Nominal):</b> 2,500lm</p> <p><b>Efficacy:</b> 143lm/W</p> <p><b>L70 Lifespan:</b> 50,000-Hour LED lifespan based on IES LM-70 results</p> <p><b>Compliance</b></p> <p><b>UL Listed:</b> Suitable for damp locations</p> <p><b>Enclosed Fixtures:</b> Suitable for use in enclosed fixtures</p> <p><b>Model Number for Certification:</b> T10316(T8-17.5-48G-850-SD-BYP)</p>	<p><b>DLC Listed:</b> 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: P36AOL1L</p> <p><b>LED Characteristics</b></p> <p><b>Color Temperature:</b> 5000K</p> <p><b>Color Accuracy (CRI):</b> 83 CRI</p> <p><b>Construction</b></p> <p><b>Bulb Shape:</b> T8</p> <p><b>Base Type:</b> G13</p> <p><b>Endcap Material:</b> Plastic</p> <p><b>Enclosure Material:</b> Glass</p>	<p><b>Optical</b></p> <p><b>Beam Angle:</b> 220°</p> <p><b>Electrical</b></p> <p><b>THD:</b> ≤25%</p> <p><b>Power Factor:</b> &gt;0.9</p> <p><b>Flicker:</b> 50%-70%</p> <p><b>Operating Temperature:</b> -20°C to 45°C (-4°F to 113°F)</p> <p><b>Input Voltage:</b> 120-277V</p> <p><b>Operating Frequency:</b> 50/60Hz</p> <p><b>Dimming:</b> No</p>

**Technical Specifications (continued)**

**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).

**Minimum Compartment Size**

Length x Width x Height [in]	Lamp Quantity
48	1

**Case and Pallet Dimensions**

	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)
CASE	25	50.2	7.3	50
PALLET	750	51.18	37.4	49.61

**Dimension**

