

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

Replacement for conventional fluorescent T5HO tubes

Integral Driver enables lamp to be wired directly to line voltage without need for an external driver or ballast

Single and double ended wiring method works with both shunted and non-shunted sockets

Environmentally friendly, no mercury used

NSF Listed: NSF/ANSI Standard 2 - Food Equipment - Splash Zone (Not for Direct Food Zone without additional fixture considerations)

Technical Specifications		
<p><b>Performance</b></p> <p><b>Product Type:</b> Linear Tube</p> <p><b>Wattage Equivalency:</b> 24W T5HO Fluorescent</p> <p><b>Input Wattage:</b> 12W</p> <p><b>Lumens (Nominal):</b> 1,600lm</p> <p><b>Efficacy:</b> 133lm/W</p> <p><b>Lifespan:</b> 50,000-Hour LED lifespan based on IES LM-70 results</p> <p><b>Electrical</b></p> <p><b>THD:</b> &lt;25%</p> <p><b>Power Factor:</b> &gt;0.9</p>	<p><b>Dimmable:</b> Yes, although this lamp is not suggested for dimming applications</p> <p><b>Input Voltage:</b> 120-277V</p> <p><b>Operating Frequency:</b> 50/60Hz</p> <p><b>Input Current @ 120V (mA):</b> 210mA</p> <p><b>Input Current @ 208V (mA):</b> 65mA</p> <p><b>Input Current @ 240V (mA):</b> 55mA</p> <p><b>Input Current @ 277V (mA):</b> 50mA</p> <p><b>Operating Temperature:</b> -4°F to 113°F (-20°C to 45°C)</p>	<p><b>LED Characteristics</b></p> <p><b>Color Temperature:</b> 5000K</p> <p><b>Color Accuracy (CRI):</b> 82 CRI</p> <p><b>R9 Value:</b> High color performance with R9 greater than 0</p> <p><b>Color Consistency:</b> &lt;5-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color</p> <p><b>Color Stability:</b> LED color temperature is warranted 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>

## Technical Specifications (continued)

### Installation

**Installation Method:**

UL Type B

### Construction

**Base Type:**

G5

**Endcap Material:**

Metal

**Enclosure Material:**

Glass

**Lens Finish:**

Frosted

### Compliance

**Listings:**

UL Recognized, UL Classified

**Environment:**

Suitable for use in dry and damp environments

**Fixture Rating:**

Suitable for use in enclosed fixtures

**DLC Listed:**

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 15B of the FCC Rules

### Other

**Model Number:**

T20068(T5HO-12-24G-850-SD-BYP)

**Compatible Products:**

See Dimmer and Ballast compatibility lists.

**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).

**Note:**

All values are typical (tolerance +/- 10%)

**Case and Pallet Dimensions**

	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)
<b>CASE</b>	25	23.246	4.531	4
<b>PALLET</b>	4400	49.84	38.218	50.2004

**Dimension**

