

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

- Replacement for conventional fluorescent T5HE tubes
- Integral Driver enables lamp to be wired directly to line voltage without need for an external driver or ballast
- Single ended wiring method
- 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)
- UL Classified, DLC Listed
- Phase cut dimming

### Technical Specifications

<p><b>Performance</b></p> <p><b>Product Type:</b> Linear</p> <p><b>Input Wattage:</b> 13W</p> <p><b>Lumens (Nominal):</b> 1800lm</p> <p><b>Efficacy:</b> 138 lm/W</p> <p><b>L70 Lifespan:</b> 50,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations</p> <p><b>Wattage Equivalency:</b> F28T5</p>	<p><b>LED Characteristics</b></p> <p><b>Color Accuracy (CRI):</b> 80</p> <p><b>Color Temperature:</b> 5000K</p> <p><b>Construction</b></p> <p><b>Nominal Length:</b> 4 FT</p> <p><b>Bulb Shape:</b> T5</p> <p><b>Enclosure Material:</b> Glass</p> <p><b>Housing Finish:</b> Aluminum</p>	<p><b>Lens Finish:</b> Frosted</p> <p><b>Base Type:</b> G5</p> <p><b>Electrical</b></p> <p><b>THD:</b> ≤20%</p> <p><b>Power Factor:</b> &gt;0.9</p> <p><b>Operating Temperature:</b> -20°C-45°C</p>
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## Technical Specifications (continued)

### Electrical

#### Input Voltage:

120-277V

#### Operating Frequency:

50/60Hz

#### Dimming:

No

### Installation

#### Installation Method:

UL Type B, Ballast Bypass - Single Ended Wire

### Other

#### Technology EQ:

Fluorescent

### 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

#### Safety Listing:

UL Classified, UL Recognized

#### Environment/Fixture Rating:

Damp / Enclosed

#### NSF Listing:

NSF/ANSI Standard 2 - Food Equipment (non-contact), Splash Zone, and Non-Food Zone. (Not for Direct Food Zone without additional fixture considerations)

#### RoHS:

Mercury and UV free. RoHS-compliant components.

### FCC:

Complies with Part 15 of the FCC Rules

#### DLC Model Number:

T10171 (T5HE-13-48G-850-SE-BYP)

#### DLC Listed:

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: PL6535WTRZQT

### Optical

#### Beam Angle:

180°

### Minimum Compartment Size

Length x Width x Height [in]	Lamp Quantity
48.03 x 18.5 x 3.54	0

### Case and Pallet Dimensions

	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)
CASE	25	48.12	5.28	25
PALLET	0	47.24	0.85	0.85

### Dimension

