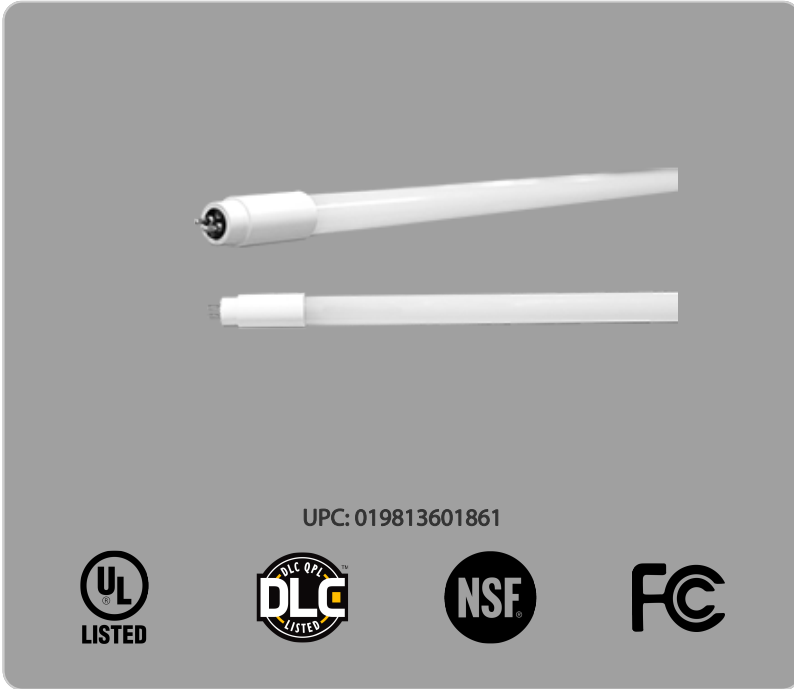


<b>Project:</b>	<b>Type:</b>	<b>Prepared By:</b>	<b>Date:</b>
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### Features and Benefits

- .Direct Replacement for conventional fluorescent F28T5 tubes
- Easy to install plug and play that requires no rewiring, no tools, no instructions
- 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
- Compatible with most program start electronic T5 ballasts, Please check Compatibility List.
- 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 Listed
- Compatible with RAB specified 0-10V dimming system

### Technical Specifications

Performance	LED Characteristics	Lens Finish:
<b>Product Type:</b> Linear	<b>Color Accuracy (CRI):</b> 80	Frosted
<b>Input Wattage:</b> 13W	<b>Color Temperature:</b> 4000K	<b>Base Type:</b> G5
<b>Lumens (Nominal):</b> 2000 lm	<b>Construction</b>	<b>Electrical</b>
<b>Efficacy:</b> 154 lm/W	<b>Nominal Length:</b> 4 FT	<b>THD:</b> ≤20%
<b>L70 Lifespan:</b> 50,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations	<b>Bulb Shape:</b> T5	<b>Power Factor:</b> >0.9
<b>Wattage Equivalency:</b> F28T5	<b>Enclosure Material:</b> Glass	<b>Operating Temperature:</b> -20°C-45°C
	<b>Housing Finish:</b> Aluminum	

## Technical Specifications (continued)

### Electrical

#### Input Voltage:

120-277V

#### Operating Frequency:

50/60Hz

#### Dimming:

Yes with 0-10V dimmer & plus ballast. See Dimmer Compatibility List.

### Installation

#### Installation Method:

UL Type A, Plug and Play

### 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 Listed

#### 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)

#### DLC Model Number:

T10154(T5HE-13-48G-840-DIR)

### RoHS:

Mercury and UV free. RoHS-compliant components.

### FCC:

Complies with Part 15 of the FCC Rules

### 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: PLAA3YC0OEEQQ

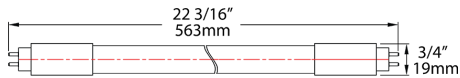
### Optical

#### Beam Angle:

160°

## Dimension

T5-0.6m



T5-0.9m



T5-1.2m

