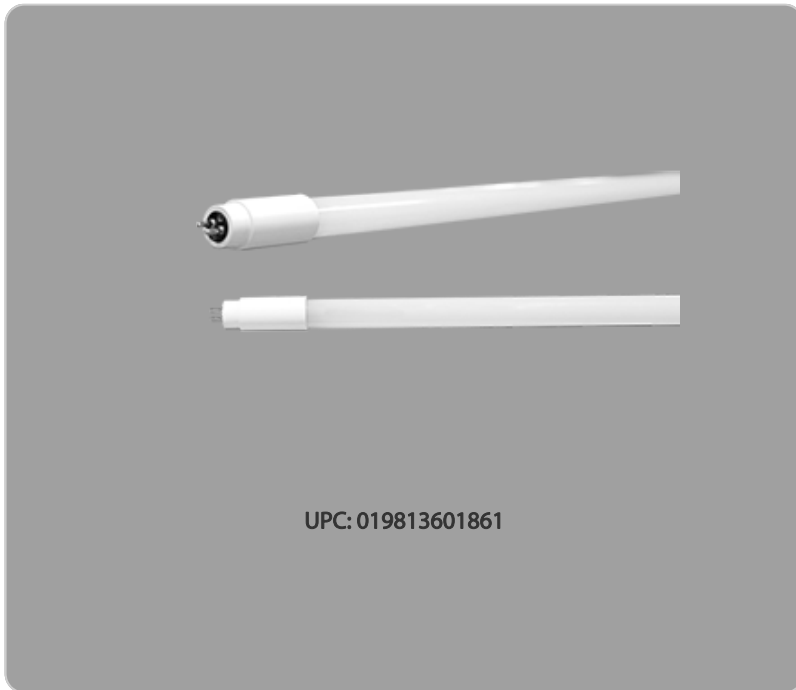


<b>Project:</b>	<b>Type:</b>	<b>Prepared By:</b>	<b>Date:</b>
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### Features and Benefits

- Direct Replacement for conventional fluorescent 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

<b>Performance</b> <hr/> <b>Product Type:</b> Linear  <b>Input Wattage:</b> 13W  <b>Lumens (Nominal):</b> 2,000lm  <b>Efficacy:</b> 154lm/W  <b>L70 Lifespan:</b> 50,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations  <b>Wattage Equivalency:</b> F28T5  <b>LED Characteristics</b> <hr/> <b>Color Accuracy (CRI):</b> 80  <b>Color Temperature:</b> 4000K	<b>Construction</b> <hr/> <b>Nominal Length:</b> 4 ft  <b>Bulb Shape:</b> T5  <b>Enclosure Material:</b> Glass  <b>Housing Finish:</b> Aluminum  <b>Lens Finish:</b> Frosted  <b>Base Type:</b> G5  <b>Electrical</b> <hr/> <b>THD:</b> ≤20%  <b>Power Factor:</b> >0.9	<b>Operating Temperature:</b> -20°C to 45°C  <b>Input Voltage:</b> 120-277V  <b>Operating Frequency:</b> 50/60Hz  <b>Dimming:</b> Yes with 0-10V dimmer & ballast. See Dimmer Compatibility List.  <b>Installation</b> <hr/> <b>Installation Method:</b> UL Type A, Plug and Play  <b>Other</b> <hr/> <b>Technology EQ:</b> Fluorescent
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## Technical Specifications (continued)

### 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

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#### Listings:

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)

#### Model Number for Certification:

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

#### RoHS:

Mercury and UV free. RoHS-compliant components.

#### FCC:

Complies with Part 15B 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: PLAA3YC00EEQQ

### Optical

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#### Beam Angle:

160°

## Dimension

