

**Project:**

**Type:**

**Prepared By:**

**Date:**



### 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

### Technical Specifications

#### Performance

**Product Type:**

Linear

**Input Wattage:**

13W

**Lumens (Nominal):**

1750

**Efficacy:**

135 lm/W

**Color Accuracy:**

80

**Color Temperature:**

3500K

**L70 Lifespan:**

50,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

#### Construction

**Length Nominal:**

4FT

**Bulb Shape:**

T8

**Enclosure Material:**

Glass

**Housing Finish:**

Aluminum

**Lens Finish:**

Frosted

**Base Type:**

G5

**Beam Angle:**

180°

#### Electrical

**THD:**

≤20%

**Power Factor:**

>0.9

**Operating Temperature:**

-20°C-45°C

## Technical Specifications (continued)

### Electrical

#### Input Voltage:

120-277V

#### Operating Frequency:

50 / 60 Hz

### Installation

#### Installation Method:

UL TYPE B, Ballast Bypass - Single Ended Wire

### Other

#### Equivalency:

F28T5

#### Technology EQ:

Fluorescent

### Warranty (Years):

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)

### DLC:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.  
DLC Product Code: PGTH4TA4

### RoHS:

Mercury and UV free. RoHS-compliant components.

### FCC:

Complies with Part 15 of the FCC Rules

## 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

