

Project: \_\_\_\_\_ Type: \_\_\_\_\_ Prepared By: \_\_\_\_\_ Date: \_\_\_\_\_



### Features and Benefits

Direct Replacement for Fluorescent Lamps: F32T8/32W, F32T8/30W, F32T8/28W, F32T8/25W

TYPE A - Plug and play compatible with most common commercial instant start T8 electronic ballasts

TYPE B - can be wired directly to line voltage 120-277V. Can be wired using Single or Double ended method

Works with both shunted and non-shunted sockets

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)

Type A: 0-10V dimming Type B: Phase cut dimming, see Dimmer Compatibility List

### Technical Specifications

<p><b>Performance</b></p> <hr/> <p><b>Product Type:</b> Linear</p> <p><b>Input Wattage:</b> 12W</p> <p><b>Lumens (Nominal):</b> 1800lm</p> <p><b>Efficacy:</b> 150 lm/W</p> <p><b>L70 Lifespan:</b> 50,000 Hours</p> <p><b>Dimming:</b> Type A: Yes, with 0-10V dimmer &amp; plus; ballast. See Dimmer Compatibility List. Type B: No</p>	<p><b>Wattage Equivalency:</b> 32W Fluorescent</p> <p><b>Construction</b></p> <hr/> <p><b>Material:</b> Coated Glass</p> <p><b>Bulb Shape:</b> T8</p> <p><b>Nominal Length:</b> 4 FT</p> <p><b>Finish:</b> Frosted</p> <p><b>Base Type:</b> G13</p>	<p><b>For Use Outdoors in Open Fixtures:</b> No</p> <p><b>LED Characteristics</b></p> <hr/> <p><b>Color Temperature:</b> 4000K Cool White</p> <p><b>Color Accuracy (CRI):</b> 80 CRI</p> <p><b>Electrical</b></p> <hr/> <p><b>THD:</b> &lt;25%</p> <p><b>Power Factor:</b> &gt;0.9</p>
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## Technical Specifications (continued)

### Electrical

#### Operating Temperature:

-25°C - 45°C (-13&deg;F - 113°F)

#### Input Voltage:

Ballast Dependent

#### Operating Frequency:

Ballast Dependent

#### Input Current @ 120V:

Ballast Dependent

#### Input Current @ 277V:

Ballast Dependent

### Other

#### 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).

#### Installation

##### Installation Type:

Type A - Works on most common commercial fluorescent ballasts (Check compatibility guide).  
Type B - Works as Single Ended or Double Ended wiring type.

#### Compliance

##### UL Listed:

Yes

##### UL Classified:

Yes

##### DLC Model Number:

T10072

#### NSF Listed:

Meets NSF/ANSI standards for use in Food Zone (non-contact), Splash, and Non-Food Zones. Tube guard required in open fixtures.

#### California Energy Commission (CEC) Status:

Lawful for sale in California

#### Application:

Suitable for damp locations and totally enclosed fixtures.

#### 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: PL61QBJE9JJM

### Optical

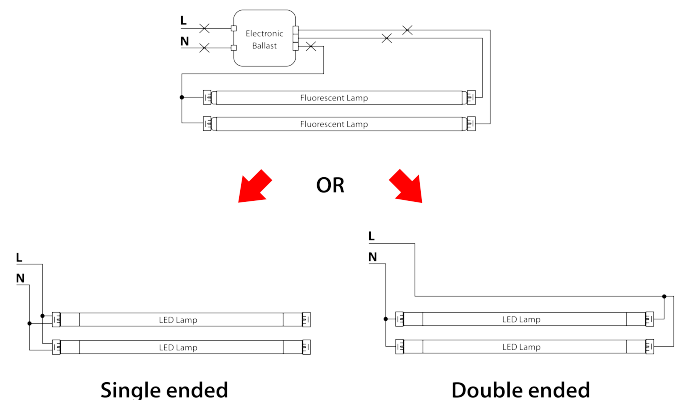
#### Beam Angle:

220°

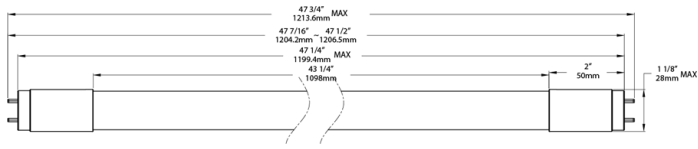
## Case and Pallet Dimensions

	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)
CASE	25	50.8	6.3	7.4
PALLET	900	44.8	39.6	52.4

## Wiring Diagram



**Dimension**



**Light Distribution**

