

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

- Direct Replacement for Fluorescent Lamps: F32T8/32W, F32T8/30W, F32T8/28W, F32T8/25W
- 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 instant start electronic T8 ballasts, Please check Compatibility List
- Approximately 40% more efficient than fluorescent T8 lamps
- 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)
- Shatterproof rugged thermoplastic nano-polycarbonate design
- Compatible with RAB specified 0-10V dimming system

Technical Specifications		
<b>Performance</b>	<b>Nominal Length:</b>	<b>Installation Type:</b>
<b>Product Type:</b> Linear	4 ft	Type A, Plug and Play
<b>Input Wattage:</b> 12W	<b>Finish:</b> Frosted	<b>Electrical</b>
<b>Lumens:</b> 1,800lm	<b>For Use Outdoors in Open Fixtures:</b> No	<b>THD:</b> <25%
<b>Efficacy:</b> 150lm/W	<b>LED Characteristics</b>	<b>Power Factor:</b> Ballast Dependent
<b>L70 Lifespan:</b> 50,000 Hours	<b>Color Temperature:</b> 4000K Cool White	<b>Operating Temperature:</b> -20°C to 45°C (-4°F to 113°F)
<b>Wattage Equivalency:</b> 32W Fluorescent	<b>Color Accuracy (CRI):</b> 80 CRI	<b>Dimming:</b> Yes with 0-10V dimmer & plus; ballast. See Dimmer Compatibility List.
<b>Construction</b>	<b>Beam Angle:</b> 160°	<b>Input Voltage:</b> Ballast Dependent
<b>Material:</b> Plastic	<b>Installation</b>	<b>Operating Frequency:</b> Ballast Dependent
<b>Bulb Shape:</b> T8	<b>Base Type:</b> G13	<b>Input Current @ 120V:</b> Ballast Dependent

## Technical Specifications (continued)

**Input Current @ 277V:**

Ballast Dependent

**Flicker:**

Ballast Dependent

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**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).

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**Compliance****UL Listed:**

Yes

**NSF Listed:**

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

**Certification Model Number:**

T8-12-48P-840-DIR

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

Lawful for Sales 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: PLHJW3Z67NUO

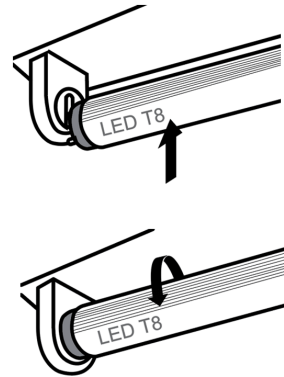
## Ballast Performance

	0.78BF	0.88BF	1.88BF
Lumens	1680	1840	2400
System Power (W)	13.5	15	20

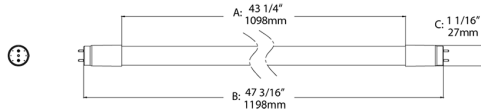
## Case and Pallet Dimensions

	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)
CASE	25	48.7	6.7	7
PALLET	30	49.2	39.4	45.3

## Wiring Diagram



## Dimension



## Light Distribution

