

<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, see Ballast 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)
- Dimmable, see Dimmer Compatibility List

Technical Specifications		
<b>Performance</b> <hr/> <b>Product Type:</b> Linear  <b>Input Wattage:</b> 6W  <b>Lumens:</b> 900lm  <b>Efficacy:</b> 150lm/W  <b>L70 Lifespan:</b> 50,000 Hours  <b>Wattage Equivalency:</b> 17W Fluorescent  <b>Construction</b> <hr/> <b>Material:</b> Glass  <b>Shape:</b> T8	<b>Nominal Length:</b> 2 ft  <b>Finish:</b> Frosted  <b>For Use Outdoors in Open Fixtures:</b> No  <b>LED Characteristics</b> <hr/> <b>Color Temperature:</b> 5000K Daylight  <b>Color Accuracy (CRI):</b> 82 CRI  <b>Beam Angle:</b> 180°  <b>Installation</b> <hr/> <b>Base Type:</b> G13  <b>Installation Type:</b> Type A, Plug and Play	<b>Electrical</b> <hr/> <b>THD:</b> <25%  <b>Power Factor:</b> Ballast Dependent  <b>Operating Temperature:</b> -20°C to 45°C (-4°F to 113°F)  <b>Dimming:</b> Yes with 0-10V dimmer & plus; ballast. See Dimmer Compatibility List.  <b>Input Voltage:</b> Ballast Dependent  <b>Operating Frequency:</b> Ballast Dependent  <b>Input Current @ 120V:</b> Ballast Dependent  <b>Input Current @ 277V:</b> Ballast Dependent

## Technical Specifications (continued)

**Flicker:**

≤40%

**Other****5-Year, No-Compromise 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****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:**

T8-6-24G-850-DIR

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

Lawful for Sales in California

**Application:**

Suitable for damp locations and totally enclosed fixtures.

**DLC Listed:**

This product family is listed with the DesignLights Consortium (DLC). Individual SKUs within this family may carry either a DLC Standard or DLC Premium qualification. Please refer to the individual product specification sheet or the DLC Qualified Products List (QPL) at [designlights.org](http://designlights.org) to confirm the qualification status of a specific SKU prior to specification or purchase.

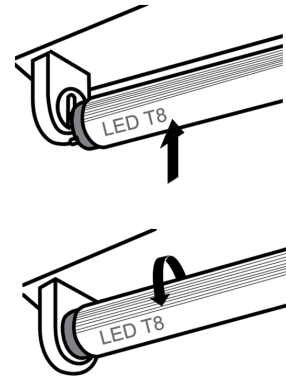
## Ballast Performance

	0.78BF	0.88BF	1.88BF
Lumens	820	950	1160
System Power (W)	6.5	7.6	9

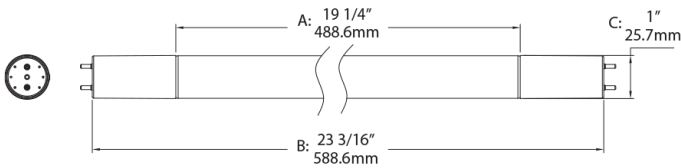
## Case and Pallet Dimensions

	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)
CASE	25	25.3	7.9	7
PALLET	60	49.2	39.4	48.8

## Wiring Diagram



## Dimension



## Light Distribution

