

Project:	Type:	Prepared By:	Date:
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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		
Performance	Nominal Length:	Operating Temperature:
Product Type: Linear	2 ft	-20°C to 45°C (-4°F to 113°F)
Input Wattage: 6W	Finish: Frosted	Dimming: Yes with 0-10V dimmer & plus; ballast. See Dimmer Compatibility List.
Lumens (Nominal): 900lm	Base Type: G13	Input Voltage: Ballast Dependent
Efficacy: 150lm/W	For Use Outdoors in Open Fixtures: No	Operating Frequency: Ballast Dependent
L70 Lifespan: 50,000 Hours	LED Characteristics	Input Current @ 120V: Ballast Dependent
Wattage Equivalency: 17W Fluorescent	Color Temperature: 5000K Daylight	Input Current @ 277V: Ballast Dependent
Construction	Color Accuracy (CRI): 80 CRI	Flicker: Ballast Dependent
Material: Plastic	Electrical	
Bulb Shape: T8	THD: <25%	
	Power Factor: Ballast Dependent	

Technical Specifications (continued)

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.

Installation

Installation Type:

Type A, Plug and Play

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.

Model Number for Certification:

T8-6-24P-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 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: PL8LH0BU8LBY

Optical

Beam Angle:

180°

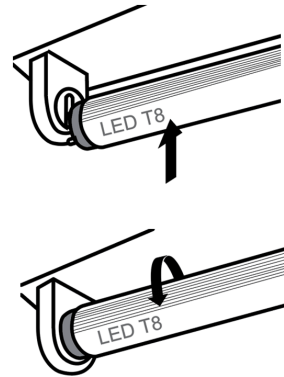
Ballast Performance

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

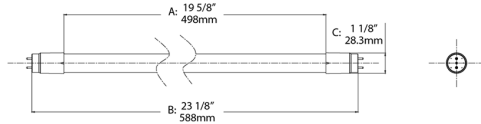
Case and Pallet Dimensions

	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)
CASE	25	24.6	6.7	7
PALLET	60	49.2	39.4	45.3

Wiring Diagram



Dimension



Light Distribution

