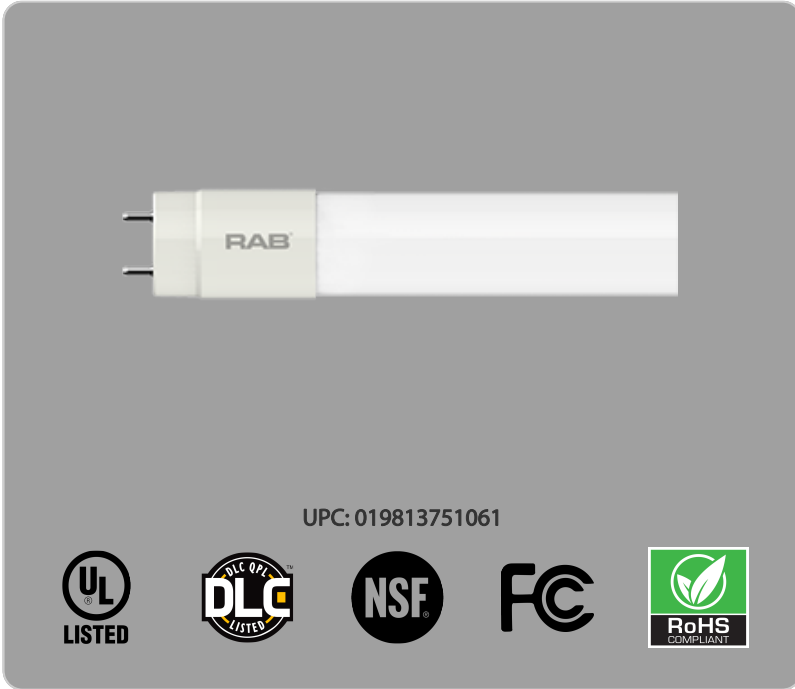




Project: _____ Type: _____ Prepared By: _____ Date: _____



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	Construction	LED Characteristics
Product Type: Linear	Material: Plastic	Color Temperature: 5000K Daylight
Input Wattage: 12W	Bulb Shape: T8	Color Accuracy (CRI): 80 CRI
Lumens (Nominal): 1800lm	Nominal Length: 4 FT	Electrical
Efficacy: 150 lm/W	Finish: Frosted	THD: <25%
L70 Lifespan: 50,000 Hours	Base Type: G13	Power Factor: Ballast Dependent
Wattage Equivalency: 32W Fluorescent	For Use Outdoors in Open Fixtures: No	Operating Temperature: -20°C - 45°C (-4°F - 113°F)



Technical Specifications (continued)

Electrical

Dimming:

Yes with 0-10V dimmer & plus ballast. See Dimmer Compatibility List.

Input Voltage:

Ballast Dependent

Operating Frequency:

Ballast Dependent

Input Current @ 120V:

Ballast Dependent

Input Current @ 277V:

Ballast Dependent

Flicker:

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.

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.

DLC Model Number:

T8-12-48P-850-DIR

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: PL10Q6XQ8C5Q

Optical

Beam Angle:

160°

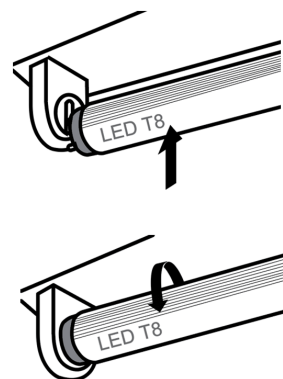
Ballast Performance

	0.78BF	0.88BF	1.88BF
Lumens	1720	1900	2480
System Power (W)	13.5	15	20

Case and Pallet Dimensions

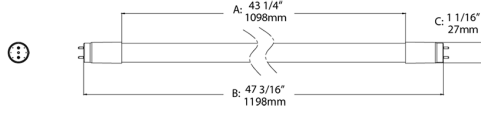
	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)
CASE	25	48.7	6.7	6.6
PALLET	30	49.2	39.4	45.3

Wiring Diagram





Dimension



Light Distribution

