

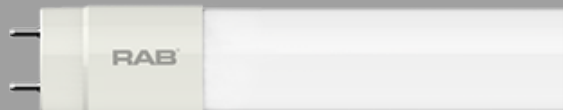


Project:

Type:

Prepared By:

Date:



UPC: 019813751054



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

Product Type:

Linear

Input Wattage:

12W

Lumens (Nominal):

1800lm

Efficacy:

150 lm/W

L70 Lifespan:

50,000 Hours

Wattage Equivalency:

32W Fluorescent

Construction

Material:

Plastic

Bulb Shape:

T8

Nominal Length:

4 FT

Finish:

Frosted

Base Type:

G13

For Use Outdoors in Open Fixtures:

No

LED Characteristics

Color Temperature:

4000K Cool White

Color Accuracy (CRI):

80 CRI

Electrical

THD:

<25%

Power Factor:

Ballast Dependent

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-840-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: PLHJW3Z67NUO

Optical

Beam Angle:

160°

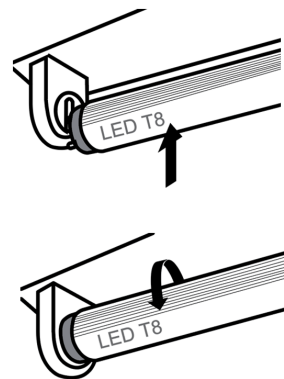
Ballast Performance

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

Case and Pallet Dimensions

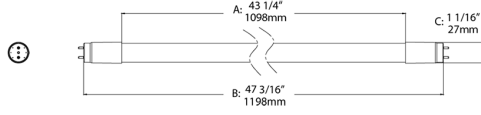
	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)
CASE	25	48.7	6.7	6.6
PALLET	30	49.2	39.4	45.3

Wiring Diagram





Dimension



Light Distribution

