

Project:

Type:

Prepared By:

Date:



Features and Benefits

Direct Replacement for Fluorescent Lamps: F32T8/32W, F32T8/30W, F32T8/28W, F32T8/25W

TYPE A - Plug and play compatible with most common commercial instant start T8 electronic ballasts

TYPE B - can be wired directly to line voltage 120-277V. Can be wired using Single or Double ended method

Works with both shunted and non-shunted sockets

NSF Listed: NSF/ANSI Standard 2 - Food Equipment - Splash Zone (Not for Direct Food Zone without additional fixture considerations)

Technical Specifications			
Performance	Product Type:	Power Factor:	Input Current @ 277V (mA):
	Linear Tube	Type A: Dependent on ballast	Type B: 56mA
	Wattage Equivalency:	Dimmable:	Operating Temperature:
	32W Fluorescent	Type A: Yes	-4°F to 113°F (-20°C to 45°C)
	Input Wattage:	Type B: No	Flicker:
	14W	Dimming Type:	Type A: Depends on ballast ~<15%
	Lumens:	Compatible 0-10V dimmer and ballast, see Dimmer Compatibility List	Type B: 50%-70%
	2,200lm	Input Voltage:	LED Characteristics
	Efficacy:	Type A: Ballast dependent	Color Temperature:
	157lm/W	Type B: 120-277V	4000K
	L70 Lifespan:	Operating Frequency:	Color Accuracy (CRI):
	50,000-Hour LED lifespan based on IES LM-70 results	50/60Hz	82 CRI
Electrical	THD:	Input Current @ 120V (mA):	R9 Value:
	Type A: Dependent on ballast	Type B: 120mA	High color performance with R9 no less than 0
	Type B: <25%	Input Current @ 208V (mA):	Color Consistency:
		Type B: 71mA	<5-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color
		Input Current @ 240V (mA):	
		Type B: 62mA	

Technical Specifications (continued)**Color Stability:**

LED color temperature is warranted to Shift no more than 200K in color temperature over a 5-year period

Color Uniformity:

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

Installation**Installation Method:**

UL Type A+B, Hybrid

Base Type:

G13

Construction**Nominal Length:**

4 ft

Shape:

T8

Enclosure Material:

Glass w/ PET

Lens Finish:

Frosted

Compliance**Listings:**

UL Recognized, UL Classified

Environment:

Suitable for use in dry and damp environments

Fixture Rating:

Suitable for use in enclosed fixtures

California Title 24 JA8 Compliant:

Not applicable

California Energy Commission (CEC) Status:

Lawful for Sales in California

NSF Listed:

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

RoHS:

Mercury and UV free. RoHS-compliant components.

FCC:

Complies with Part 15B of the FCC Rules

Other**Compatible Products:**

See Dimmer and Ballast compatibility lists.

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.

Case and Pallet Dimensions

	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)
CASE	25	50.2	7.3	7
PALLET	0	0	0	0

Dimension

