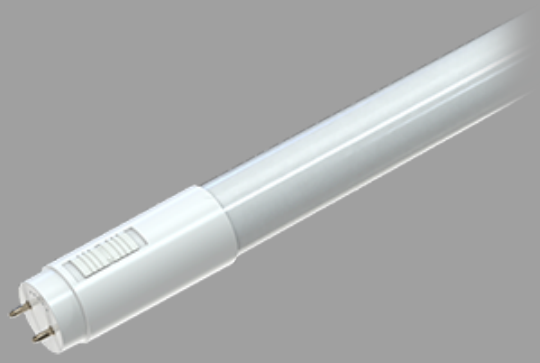
T8FA-9.5-48G-8CCT-BYP

Project:	Type:	Prepared By:	Date:



UPC: 192552037624

Features and Benefits

Replacement for traditional fluorescent T8 lamps

Single or double-ended line voltage wiring

3000/3500/4000/5000/6500K

Frosted glass lens diffuses light evenly

50,000-Hour lifespan, DLC Listed, UL Classified, and dimmable in certain applications. Contact RAB for more information.

Technical Specifications

Performance

Product Type:
Linear Tube

Description:
These Type B single + double-ended bypass tubes pack a ton of features into one lamp with selectable CCT. Selectable wattage reduces stocking SKUs even more!

Wattage Equivalency:
32W T8 Fluorescent

Input Wattage:
9.5/11/13W

Lumens:
9.5W
1,602lm @ 3000K;
1,628lm @ 3500K;
1,650lm @ 4000K;
1,643lm @ 5000K;
1,646lm @ 6500K

11W
1,868lm @ 3000K;
1,909lm @ 3500K;
1,923lm @ 4000K;
1,916lm @ 5000K;
1,907lm @ 6500K

13W
2,191lm @ 3000K;
2,237lm @ 3500K;
2,254lm @ 4000K;
2,242lm @ 5000K;
2,204lm @ 6500K

Efficacy:
9.5W
167lm/W @ 3000K;
170lm/W @ 3500K;
172lm/W @ 4000K;
171lm/W @ 5000K;
171lm/W @ 6500K

11W
167lm/W @ 3000K;
170lm/W @ 3500K;
172lm/W @ 4000K;
171lm/W @ 5000K;
170lm/W @ 6500K

13W
166lm/W @ 3000K;
169lm/W @ 3500K;
171lm/W @ 4000K;
170lm/W @ 5000K;
170lm/W @ 6500K

L70 Lifespan:
50,000-Hour LED lifespan based on IES LM-70 results

Electrical

THD:
<20%

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Technical Specifications (continued)

Power Factor:
0.9

Dimmable:
Yes, but not reccommended for dimming applications.

Input Voltage:
120-277V

Operating Frequency:
50/60Hz

Input Current @ 120V (mA):
76mA/89mA/104mA

Input Current @ 208V (mA):
44mA/51mA/60mA

Input Current @ 240V (mA):
38mA/45mA/52mA

Input Current @ 277V (mA):
33mA/39mA/45mA

Operating Temperature:
-4°F to 113°F (-20°C to 45°C)

Flicker:
50%

LED Characteristics

Beam Angle:
300°

Color Temperature:
Field adjustable via dip switch
3000/3500/4000/5000/6500K

Color Accuracy (CRI):
≥80 CRI

R9 Value:
High color performance with R9 no greater than 0

Color Consistency:
<5-step MacAdam Ellipse @ 3000K/6500K binning to achieve consistent fixture-to-fixture color

<7-step MacAdam Ellipse @ 3500K/4000K/5000K binning to achieve consistent fixture-to-fixture color

Color Stability:
LED color temperature is warrantied 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 B, Ballast Bypass

Base Type:
G13

Construction

Length:
4 ft

Bulb Shape:
T8

Finish:
White

Endcap Material:
Polycarbonate

Enclosure Material:
Glass

Lens Finish:
Frosted

Compliance

Listings:
UL Recognized, UL Classified

Environment:
Suitable for use indoors in dry and damp environments.

Fixture Rating:
Suitable for use in 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.

Certification Model Number:
T10294(T8FA-9.5-48G-8CCT-BYP)

California Title 20 Compliant:
No

California Title 24 JA8 Compliant:
No

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 15 of the FCC Rules

Other

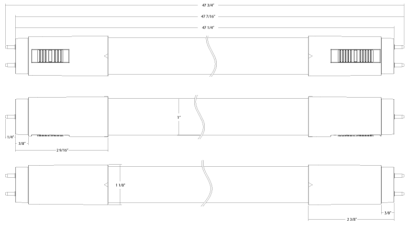
Warranty:
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

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Case and Pallet Dimensions

	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)
CASE	25	49.61	7.87	7.87
PALLET	625	47.24	43.31	47.24

Dimension



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