



Project:	Type:
Prepared By:	Date:

Technical Specifications

Performance

Product Type:

Linear Tube

Description:

4 ft & 6 ft LED T8 Tubes with a Single Pin FA8 base specifically designed for transportation retrofits

Wattage Equivalency:

32W Fluorescent

Input Wattage:

17W

Lumens:

2,600lm

Efficacy:

153lm/W

L70 Lifespan:

50,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

Electrical

THD:

≤25%

Power Factor:

≥0.9

Input Voltage:

120-277V

Operating Frequency:

50/60Hz

Input Current @ 120V (mA):

146mA

Input Current @ 208V (mA):

86mA

Input Current @ 240V (mA):

76mA

Input Current @ 277V (mA):

68mA

Operating Temperature:

-4°F to 113°F (-20°C to 45°C)

Flicker:

≤5%

LED Characteristics

Beam Angle:

170°

Color Temperature:

4000K

Color Accuracy (CRI):

≥80 CRI

R9 Value:

High color performance with R9 greater than 0

Color Consistency:

<5-step MacAdam Ellipse 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:

Fa8, Single Pin

Construction

Length:

4 ft

Technical Specifications (continued)

Shape:

T8

Finish:

White

Endcap Material:

Plastic

Enclosure Material:

Glass w/ Polyethylene Terephthalate (PET)

Lens Finish:

Frosted

Compliance

Listings:

UL Classified, UL Recognized

ETL Listed:

No

Environment:

Suitable for use indoors in dry and damp environments.

Fixture Rating:

Suitable for use in enclosed fixtures.
Suitable for use in open fixtures.

DLC Listed:

No

Certification Model Number:

T8-17-48GC-FA8-DE-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

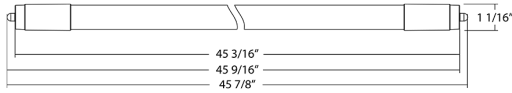
5-Year, No-Compromise Warranty:

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.

Country of Origin:

China

Dimensions



Features

- Replacement for conventional fluorescent T8 and T12 linear tubes
- Integral Driver enables lamp to be wired directly to line voltage without need for an external driver or ballast
- Works with shunted sockets ONLY.
- NSF Listed: NSF/ANSI Standard 2 - Food Equipment - Splash Zone (Not for Direct Food Zone without additional fixture considerations)
- For use with compatible 0-10V dimming systems