

<b>Project:</b>	<b>Type:</b>	<b>Prepared By:</b>	<b>Date:</b>
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UPC: 192552037617

### 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:

25W T8 fluorescent

#### Input Wattage:

9W

#### Lumens:

1,130lm @ 3000K;  
 1,150lm @ 3500K;  
 1,250lm @ 4000K;  
 1,250lm @ 5000K;  
 1,250lm @ 6500K

#### Efficacy:

125lm/W @ 3000K;  
 128lm/W @ 3500K;  
 134lm/W @ 4000K;  
 134lm/W @ 5000K;  
 134lm/W @ 6500K

#### L70 Lifespan:

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

### Electrical

#### THD:

<20%

#### Power Factor:

0.9

#### Dimmable:

Yes, but not recommended for dimming applications.

#### Input Voltage:

120-277V

#### Operating Frequency:

50/60Hz

#### Input Current @ 120V (mA):

68mA

#### Input Current @ 208V (mA):

39mA

#### Input Current @ 240V (mA):

34mA

#### Input Current @ 277V (mA):

29mA

#### 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

## Technical Specifications (continued)

**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 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 B, Ballast Bypass

**Base Type:**

G13

**Construction**

**Length:**

3 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:**

T10293(T8-9-36G-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](http://rablighting.com/warranty).

**Case and Pallet Dimensions**

	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)
<b>CASE</b>	25	37.99	7.87	7.87
<b>PALLET</b>	875	47.24	43.31	47.24

**Dimension**

