



Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	7W
120V	0.08A	Color Temp	3000K/3500K/4000K/5000K/6500K
208V	N/A	Color Accuracy	80 CRI
240V	N/A	L70 Lifespan	50,000 Hours
277V	0.04A	Lumens	1,081-1,146 lm
Input Watts	7.5W	Efficacy	140-149 lm/W

Technical Specifications

Performance

Product Type:

Linear Tube

Description:

Hybrid Type A/B tubes allow installation on the ballast or direct wiring to line voltage. Now available with adjustable 5CCT switch.

Wattage Equivalency:

17W Fluorescent

Input Wattage:

7.5W

Lumens:

1,081lm @ 3000K; 1,111lm @ 3500K; 1,133lm @ 4000K; 1,146lm @ 5000K; 1,137lm @ 6500K

Efficacy:

140lm/W @ 3000K; 144lm/W @ 3500K; 147lm/W @ 4000K; 149lm/W @ 5000K; 148lm/W @ 6000K

L70 Lifespan:

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

Electrical

THD:

≤25%

Power Factor:

>0.9

Dimmable:

Type B @ 120V only, 0-10V & Phase cut

Input Voltage:

Type A: Ballast dependent  
Type B: 120-277V

Operating Frequency:

50/60Hz

Input Current @ 120V (mA):

Type B: 78mA

Input Current @ 208V (mA):

N/A

Input Current @ 240V (mA):

N/A

Input Current @ 277V (mA):

Type B: 35mA

Operating Temperature:

-4°F to 113°F (-20°C to 45°C)

Flicker:

<40%

LED Characteristics

Beam Angle:

160°

Color Temperature:

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

Color Accuracy (CRI):

>80 CRI

R9 Value:

High color performance with R9 no less than 0

Color Consistency:

<6-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.

**Technical Specifications (continued)****Installation****Installation Method:**

UL Type A+B, Hybrid

**Construction****Base Type:**

G13

**Nominal Length:**

2 ft

**Bulb Shape:**

T8

**Endcap Material:**

Plastic

**Enclosure Material:**

Glass

**Lens Finish:**

Frosted

**Compliance****Listings:**

UL Listed, UL Classified

**Environment:**

Suitable for use in dry and damp environments

**Fixture Rating:**

Suitable for use in enclosed fixtures

**Certification Model Number:**

T10384(T8-7.5-24G-8CCT-HYB)

**T20 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

**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: S-T4JAPF

**Other****Compatible Products:**

See Dimmer and Ballast compatibility lists

**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).

**Note:**

All values are typical (tolerance +/- 10%)

**Buy American Act Compliance:**

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

## Dimension

Technical drawing of a shaft with the following dimensions:

- Overall length: 23 3/4"
- Distance from left end to first step: 23 7/16"
- Distance from left end to second step: 23 3/16"
- Distance between steps: 1"
- Distance from right end to second step: 3/16"
- Distance from right end to first step: 1 1/16"

5 Color temperature selectable between 3000K, 3500K, 4000K, 5000K, 6500K

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

Family	Wattage	Length/Material		CRI/Color Temp		Voltage	Wiring Method	Installation Type
T8	7.5	24G	–	8CCT	–			HYB
	7.5 = 7.5W 11 = 11W Blank = 11.5/13/15W 12 = 12W 15 = 15W	U6G = Ubend 6", Glass U1G = Ubend 1", Glass 24G = 2 ft, Glass 36G = 3 ft, Glass 48G = 4 ft, Glass		Blank = 80 CRI, 3000K/3500K/4000K/5000K/6500K Adjustable 8CCT = 80 CRI, 3000K/3500K/4000K/5000K/6500K Adjustable		Blank = 120-277V	Blank = Single & Double Ended SD = Single & Double Ended	HYB = Hybrid