T8-7.5-24G-8CCT-HYB

RAB



Project:	Туре:
Prepared By:	Date:

Technical Specifications

Performance Product Type: Linear Tube

Wattage Equivalency: 17W Fluorescent

Input Wattage:

7.5W

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

Electrical

THD: ≤25%

Power Factor: >0.9

Dimmable: Yes

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

Input Voltage: Type A: Ballast dependent Type B: 120-277V Operating Frequency: 60 Hz

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

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.

Installation

Installation Method: UL Type A+B, Hybrid

Construction

Base Type: G13

Nominal Length: 2 ft

Bulb Shape: T8

Endcap Material: Plastic

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Technical Specifications (continued)

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

Model Number for Certification:

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

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

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 <u>rablighting.com/warranty.</u>

Note:

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

Buy American Act Compliance:

product to be made BAA compliant.

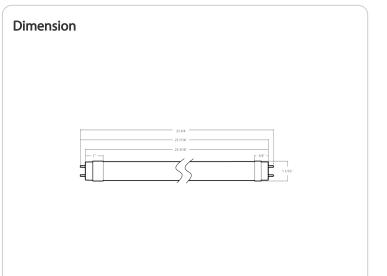
RAB values USA manufacturing! Upon request, RAB

contact customer service to request a quote for the

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Case and Pallet Dimensions

	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)
CASE	25	26.77	6.34	7
PALLET	1750	46.06	39.84	50



Features

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

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

Ordering Matrix

Family	Wattage	Length	Material	CRI/Color Temp		Voltage	Installation Type
Т8	7.5	24	G	- 8CCT	-		HYB
	7.5 = 7.5W 11 = 11W 12 = 12W 15 = 15W		G = Glass	8CCT = 3000K/3500K/4000K/5000K/6500K CCT Adjustable		Blank = 120-277V	HYB = Hybrid