T8-15-48G-8CCT-BYP

UPC: 192552056830

Color: White

Weight: 0.4 lbs

Project:	Type:
Prepared By:	Date:

Driver Info

Type	N/A
120V	N/A
208V	N/A
240V	N/A
277V	N/A
Input Watts	15W

LED Info

Watts	15W
Color Temp	3000/3500/4000/5000/6500K
Color Accuracy	80 CRI
L70 Lifespan	50,000 Hours
Lumens	2,100 lm
Efficacy	140

Technical Specifications

Performance

Product Type:
Linear Tube

Description:
Type B single- and double-ended bypass tubes with adjustable color temperature for simplified selection and installation.

Wattage Equivalency:
32W T8 Fluorescent

Input Wattage:
15W

Lumens (Nominal):
2,100lm

Efficacy:
140lm/W

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

Electrical

Driver:
Constant Current 120-277V 50/60 Hz; @120V: 140mA; @277V: 60mA

THD:
<20%

Power Factor:
0.9

Dimmable:
Yes, dimmable down to 20% on compatible TRIAC/ELV dimming systems. See Dimmer Compatibility List.

Input Voltage:
120-277V

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

Flicker:
3000/6000K: <35%
3500/4000/5000K: 45%

LED Characteristics

Beam Angle:
200°

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

Color Accuracy (CRI):
≥80 CRI

R9 Value:
High color performance with R9 greater 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 B, Ballast Bypass

Base Type:
G13

Construction

Length:
4 ft

Shape:
T8

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Technical Specifications (continued)

Finish:
White

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 family is listed with the DesignLights Consortium (DLC). Individual SKUs within this family may carry either a DLC Standard or DLC Premium qualification. Please refer to the individual product specification sheet or the DLC Qualified Products List (QPL) at designlights.org to confirm the qualification status of a specific SKU prior to specification or purchase.

Certification Model Number:
T20149(T8-15-48G-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

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.

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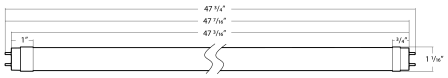
Case and Pallet Dimensions

	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)
CASE	25	50.67	6.19	7.05
PALLET	1	51.46	37.9	49.37

Dimension



Features

- Replacement for traditional fluorescent T8 lamps
- Single or double-ended line voltage wiring
- Selectable CCT: 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.

Ordering Matrix

Family	Length/Wattage	Length/Material	CRI/Color Temp	Driver	Wiring Method	Installation Type
T8	15	48G	8CCT			BYP
	7.5 = 7.5W, 2 ft **10.5 =** 10.5W, 4 ft **11 =** 11W, 3 ft **12 =** 12W, 4 ft **15 =** 15W, 4 ft **18 =** 18W, 4 ft **23 =** 23W, 4 ft	**24G =** 2 ft, Glass **36G =** 3 ft, Glass **48G =** 4 ft, Glass	**8CCT =** 80CRI, 3000/3500/4000/5000/6500K CCT Adjustable	**Blank =** 120-277V	**Blank =** Single & Double Ended	**BYP =** Ballast Bypass

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