T8-10.5-48GC-8CCT-HYB

RAB

UPC: 192552045605

Color: White | Weight: 0.4 lbs

Driver Info

Type	Constant Current
120V	N/A
208V	N/A
240V	N/A
277V	N/A
Input Watts	10.5W

LED Info

Watts	10W
Color Temp	3000/3500/4000/5000/6500K
Color Accuracy	80 CRI
L70 Lifespan	50,000 Hours
Lumens	1,650 lm
Efficacy	157

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 5 CCT switch in clear or frosted lens.

Wattage Equivalency:
32W Fluorescent

Input Wattage:
10.5W

Nominal Lumens:
1,650lm

Efficacy:
157lm/W

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

Electrical

THD:
25%

Power Factor:
>0.9

Dimmable:
No

Input Voltage:
120-277V

Operating Frequency:
50/60Hz

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

Flicker:
<40%

LED Characteristics

Beam Angle:
220°

Color Temperature:
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:
7-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

Base Type:
G13

Construction

Length:
4 ft

Shape:
T8

Finish:
White

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Technical Specifications (continued)

Endcap Material:
Plastic

Enclosure Material:
Coated Glass

Lens Finish:
Frosted

Compliance

Listings:
UL Listed, UL Classified

Environment:
Suitable for use indoors in dry and damp environments.

Fixture Rating:
Suitable for use in enclosed fixtures

Energy Star Approved:
No

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:
T8-10.5-48GC-8CCT-HYB

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.

IESNA LM-79 & LM-80 Testing:
RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

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

Direct replacement for fluorescent lamps: F32T8/32W, F32T8/30W, F32T8/28W, F32T8/25W

TYPE A - Plug-and-play compatible with most common commercial T8 electronic ballasts

TYPE B - Can be wired directly to line voltage 120-277V. Can be wired using single- or double-ended method

Shatter resistant PET Coating makes these tubes perfect for demanding applications

5 color temperatures in 1 SKU (3000/3500/4000/5000/6500K)

Ordering Matrix

Family	Wattage	Length	Material	CRI/Color Temp	Driver	Wiring Method	Installation Method	Lens Finish
T8	10.5	48	GC	8CCT			HYB	
	7.5 = 7.5W **10.5** = 10.5W **11** = 11W **12** = 12W **15** = 15W	**24** = 2 ft **36** = 3 ft **48** = 4 ft	**G** = Glass **GC** = Glass Coated	**8CCT** = 80 CRI, 3000/3500/4000/5000/6500K CCT Adjustable	**Blank** = 120-277V	**Blank** = Single + Double Ended	**HYB** = Hybrid	**Blank** = Frosted **C** = Clear

Need help? Tech help line: **(888) 722-1000** Email: **techsupport@rablighting.com** Website: **www.rablighting.com**

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Page 3 of 3