



Project:	Type:
Prepared By:	Date:

Technical Specifications

Performance

Product Type:

Linear Tube

Input Wattage:

15W

Lumens (Nominal):

6500K: 2,133lm
5000K: 2,218lm
4000K: 2,200lm
3500K: 2,186lm
3000K: 2,124lm

L70 Lifespan:

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

Wattage Equivalency:

32W Fluorescent

Other

Efficacy:

6500K: 146 Lm/W
5000K: 151 Lm/W
4000K: 150 Lm/W
3500K: 149 Lm/W
3000K: 145 Lm/W

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.

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.

Electrical

THD:

≤25%

Power Factor:

>0.9

Dimmable:

Yes

Dimming Type:

0-10V & Phase cut

Technical Specifications (continued)

Electrical

Input Voltage:

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

Operating Frequency:

60Hz

Operating Temperature:

-4°F - 113°F (-20°C - 45°C)

Flicker:

<40%

LED Characteristics

Color Temperature:

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

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 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 A+B, Hybrid

Construction

Base Type:

G13

Nominal Length:

4 FT

Bulb Shape:

T8

Endcap Material:

Plastic

Enclosure Material:

Glass

Lens Finish:

Frosted

Compliance

Safety Listing:

UL Listed, UL Classified

Environment:

Suitable for use in dry and damp environments

Fixture Rating:

Suitable for enclosed fixtures

Model Number:

T10371(T8-15-48G-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 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-CONSAX

Case and Pallet Dimensions

	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)
CASE	25	50.63	6.18	7.05
PALLET	1050	51.42	37.87	49.33

Dimension



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
T8	-	15	-	48	G	-	8CCT		-	HYB
		12 = 12W 15 = 15W		48 = 4ft	G = Glass		8CCT = 80 CRI, 6500K/5000K/4000K/3500K/3000K Field Adjustable		Blank = 120-277V	HYB = Hybrid