



UPC: 192552024587

Color: White

Weight: 0.4 lbs

Project:	Type:
Prepared By:	Date:

Technical Specifications

Performance

Product Type:

Linear Tube

Input Wattage:

12W

Lumens (Nominal):

6500K: 1,569 Lm

5000K: 1,629 Lm

4000K: 1,618 Lm

3500K: 1,602 Lm

3000K: 1,563 Lm

Efficacy:

6500K: 139 Lm/W

5000K: 144 Lm/W

4000K: 143 Lm/W

3500K: 142 Lm/W

3000K: 138 Lm/W

L70 Lifespan:

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

Wattage Equivalency:

32W Fluorescent

Electrical

THD:

≤25%

Power Factor:

>0.9

Dimmable:

Yes

Dimming Type:

0-10V & Phase cut

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%

Technical Specifications (continued)

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 use in enclosed fixtures

DLC Model Number:

T10370(T8-12-48G-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-0GTH45

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.

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.

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	-	12	-	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				