

Project:

Type:

Prepared By:

Date:



UPC: 192552017831

Features and Benefits

- Replacement for conventional fluorescent T5HO Lamps
- Ballast Bypass-120-277V Line Voltage wired using single-ended or double-ended wiring method.
- 5CCT Selectable - 3000/3500/4000/5000/6500K
- Frosted lens provides diffuse lighting without hot spots
- UL Classified, DLC Listed, and NSF/ANSI Standard 2 - Food equipment

Technical Specifications

Performance

Product Type:  
Linear Tube

Wattage Equivalency:  
54W T5HO Fluorescent

Input Wattage:  
25W

Lumens:  
3,300lm

Efficacy:  
132lm/W

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

Length:  
4 ft

Electrical

THD:  
<25%

Power Factor:  
>0.9

Dimmable:  
Yes, but not recommended for dimming applications.

Input Voltage:  
120-277V

Operating Frequency:  
50/60Hz

Input Current @ 120V (mA):  
215mA

Input Current @ 208V (mA):  
126mA

Input Current @ 240V (mA):  
110mA

Input Current @ 277V (mA):  
98mA

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

LED Characteristics

Beam Angle:  
170°

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:  
<5-step (3000K/6500K); 7-step (3500K/4000K/5000K)  
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



Technical Specifications (continued)

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:

UL Type B, Ballast Bypass

Base Type:

G5

Construction

Shape:

T5HO

Finish:

White

Endcap Material:

Metal

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.  
Suitable for use in open 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:

T10301(T5HO-25-48G-8CCT-SD-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

Compatible Accessories:

DRI-10-EMGR-TYPE B

10W Emergency driver for type B SE/SD

DRI-5-EMGR-T8

5W Emergency driver for type B SE/SD

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](http://rablighting.com/warranty).

Case and Pallet Dimensions

	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)
CASE	25	46.77	4.84	4.57
PALLET	1	46.89	33.9	41.81

Dimension

