

Project:

Type:

Prepared By:

Date:



UPC: 192552004787

Features and Benefits

- Replacement for conventional fluorescent T5HO tubes
- Integral Driver enables lamp to be wired directly to line voltage without need for an external driver or ballast
- Single and double ended wiring method works with both shunted and non-shunted sockets
- Environmentally friendly, no mercury used
- NSF Listed: NSF/ANSI Standard 2 - Food Equipment - Splash Zone (Not for Direct Food Zone without additional fixture considerations)

Technical Specifications

Performance

Product Type:
Linear Tube

Wattage Equivalency:
24W T5HO Fluorescent

Input Wattage:
12W

Lumens:
1,500lm

Efficacy:
125lm/W

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

Electrical

THD:
<25%

Power Factor:
>0.9

Dimmable:

Yes, although this lamp is not suggested for dimming applications

Input Voltage:
120-277V

Operating Frequency:
50/60Hz

Input Current @ 120V (mA):
210mA

Input Current @ 208V (mA):
65mA

Input Current @ 240V (mA):
55mA

Input Current @ 277V (mA):
50mA

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

LED Characteristics

Color Temperature:
3500K

Color Accuracy (CRI):
82 CRI

R9 Value:
High color performance with R9 greater than 0

Color Consistency:
<5-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.

Technical Specifications (continued)

Installation

Installation Method:

UL Type B

Base Type:

G5

Construction

Endcap Material:

Metal

Enclosure Material:

Glass

Lens Finish:

Frosted

Compliance

Listings:

UL Recognized, UL Classified

Environment:

Suitable for use in dry and damp environments

Fixture Rating:

Suitable for use in enclosed fixtures

DLC Listed:

No

Certification Model Number:

T20066(T5HO-12-24G-835-SD-BYP)

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 15B of the FCC Rules

Other

Compatible Products:

See Dimmer and Ballast compatibility lists.

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.

Case and Pallet Dimensions

	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)
CASE	25	23.246	4.531	4
PALLET	4400	49.84	38.218	50.2004

Dimension

