

Project:	Type:	Prepared By:	Date:
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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	Dimmable:	LED Characteristics
Product Type: Linear Tube	Yes, although this lamp is not suggested for dimming applications	Color Temperature: 5000K
Wattage Equivalency: 54W T5HO Fluorescent	Input Voltage: 120-277V	Color Accuracy (CRI): 82 CRI
Input Wattage: 25W	Operating Frequency: 50/60Hz	R9 Value: High color performance with R9 greater than 0
Lumens: 3,500lm	Input Current @ 120V (mA): 230mA	Color Consistency: <5-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color
Efficacy: 140lm/W	Input Current @ 208V (mA): 135mA	Color Stability: LED color temperature is warrantied to Shift no more than 200K in color temperature over a 5-year period
Lifespan: 50,000-Hour LED lifespan based on IESIm-70 results	Input Current @ 240V (mA): 120mA	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.
Electrical	Input Current @ 277V (mA): 100mA	
THD: <25%	Operating Temperature: -4°F to 113°F (-20°C to 45°C)	
Power Factor: >0.9		

Technical Specifications (continued)

Installation

Installation Method:

UL Type B

Base Type:

G5

Construction

Nominal Length:

4 ft

Shape:

T5HO

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

Certification Model Number:

T20060(T5HO-25-48G-850-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

DLC Listed:

This product family is listed with the DesignLights Consortium (DLC). Individual SKUs within this family may carry either a DLC Standard or DLC Premium qualification. Please refer to the individual product specification sheet or the DLC Qualified Products List (QPL) at [designlights.org](https://www.designlights.org) to confirm the qualification status of a specific SKU prior to specification or purchase.

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](https://www.rablighting.com/warranty).

Case and Pallet Dimensions

	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)
CASE	25	46.886	4.531	4
PALLET	2200	49.84	38.218	50.2004