T5HO Bypass Double Ended



PROJECT:

DATE:

TYPE:

PREPARED BY:

5 YEAR NO-COMPROMISE WARRANTY | DLC LISTED | BALLAST BYPASS | DE DOUBLE ENDED | FC COMPLIANT

T5HO Type B Bypass SIngle/Double Ended Tubes

ENCLOSED FIXTURE RATED | DAMP RATED | 50,000 HOURS | CERTIFIED | RECOGNIZED | NSF | RoHS

KEY FEATURES

- Replacement for conventional fluorescent tubes
- Intergral Driver enables lamp to be weird directly to line
- voltage without need for an external driver or ballast
- Double ended wiring method
- Diffused frosted lens will maintian the same light quality over time
- NSF/ANSI Standard 2 - food Equipment - Splash Zone (Not for Direct Food Zone without additional fixture considerations)

PERFORMANCE

Catalog Number	Size	Equivalency	Input Wattage	Lumens	Efficacy	Color Temperature	CRI	L70 Lifespan	DLC ID
T5-25-48G-830-BYP	4 ft	54W Fluorescent	25W	3,300 lm	132 lm/W	3000K	≥82	50,000 hrs	POWGAPJJ
T5-25-48G-835-BYP	4 ft	54W Fluorescent	25W	3,300 lm	132 lm/W	3500K	≥82	50,000 hrs	PYFA1QQL
T5-25-48G-840-BYP	4 ft	54W Fluorescent	25W	3,500 lm	140 lm/W	4000K	≥82	50,000 hrs	P4ZNIOTD
T5-25-48G-850-BYP	4 ft	54W Fluorescent	25W	3,500 lm	40 lm/W	5000K	≥82	50,000 hrs	PTP9U4G5

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TECHNICAL SPECIFICATIONS

CONSTRUCTION

Product Type
Linear Tube

Length (Nominal)
4 ft

Bulb Shape
T5HO

Enclosure Material
Glass

Lens Finish
Frosted

Endcap Material
Aluminum

Base Type
G5

ELECTRICAL

Dimmable
Yes, but not suggested for dimming applications.

THD
20%

Power Factor
0.9

Input Voltage
120-277V

Operating Frequency
50/60Hz

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

Flicker
N/A

INSTALLATION

Installation Method
UL Type B, Ballst Bypass

LED Characteristics

Beam Angle
180°

R9 Value
High color performance with R9 greater than 0

Color Temperature
3000K, 3500K, 4000K, 5000K

Color Consistency
<4-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.

COMPLIANCE

Listing
UL Classified, UL Recognized

Environment
Suitable for use in dry and damp environments

Fixture Rating
Suitable for use in enclosed fixtures

California Energy Commission (CEC) Status
Lawful for sales in California

California Title 24 JA8 Compliant
No

ETL Listed
N/A

T20 Compliant
No

NSF Listing
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 ID
POWGAPJJ

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 to confirm the qualification status of a specific SKU prior to specification or purchase.

OTHER

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

Compatable Products
DRI-5-EMGR-T8
5W Emergency driver

DRI-10-EMGR-TYPE B
10W Emergency Driver

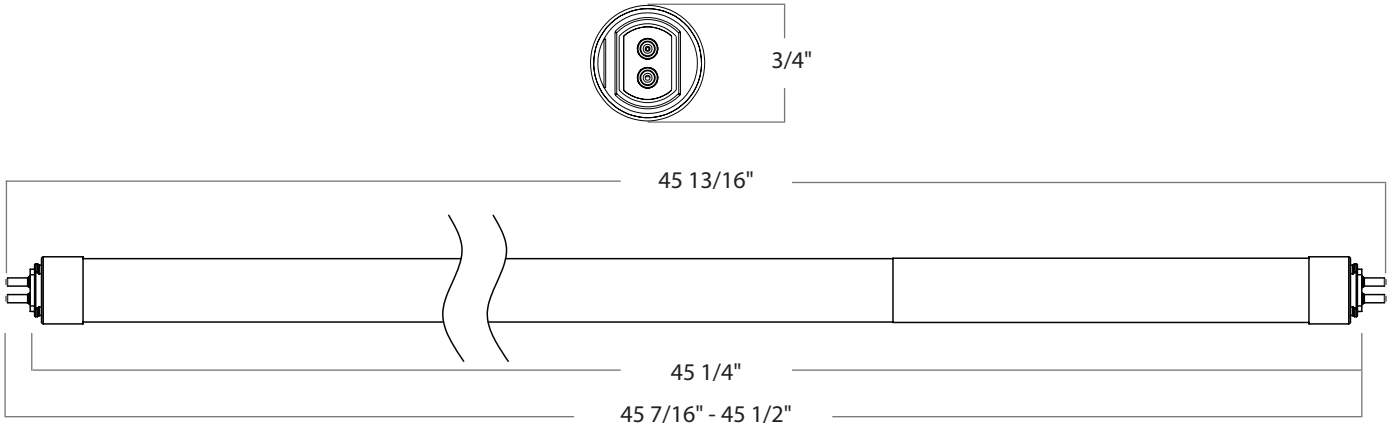
Note
All values are typical (tolerance +/- 10%)

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DIMENSIONS

T5HO DE 4FT
Weight: 0.5 lb



ORDERING INFO

Catalog Number	Model Number (DLC/Energy Star)	UPC	Case Pack
T5-25-48G-830-BYP	**T5-25-48G-830-BYP**	019813751313	25
T5-25-48G-830-BYP	**T5-25-48G-830-BYP**	019813751320	25
T5-25-48G-840-BYP	**T5-25-48G-840-BYP**	019813751337	25
T5-25-48G-850-BYP	**T5-25-48G-850-BYP**	019813751344	25

ORDERING MATRIX

Family		Wattage	Length/ Material	CRI/Color Temp	Wiring Method	Installation Type
T5HE	-				**SE**	**BYP**
		13 13W	**48G** 4 ft, Glass	**850** 80 CRI, 5000K **840** 80 CRI, 4000K **830** 80 CRI, 3500K **827** 80 CRI, 2700K	**SE** Single Ended	**BYP** Type B, Ballast Bypass

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