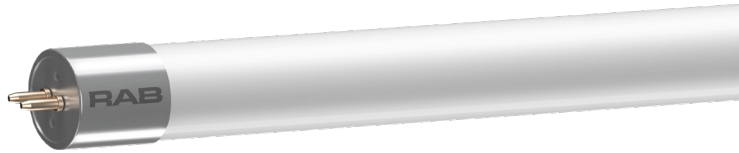


T5HO Glass, Bypass, Single Ended



PROJECT: _____

DATE: _____

TYPE: _____

PREPARED BY: _____



KEY FEATURES

- Replacement for conventional fluorescent tubes
- Integral driver enables lamp to be wired directly to line voltage without need for an external driver or ballast
- Single ended wiring method
- Rated for use in enclosed and open fixtures in dry or damp locations
- NSF Listed: NSF/ANSI Standard 2 - Food Equipment - Splash Zone (Not for Direct Food Zone without additional fixture considerations)

Ballast Bypass, Single Ended, 2 ft, 3 ft, and 4 ft T5HO Lamps, UL Type B



PERFORMANCE

Catalog Number	Length	Wattage Equivalency	Input Wattage	Lumens	Efficacy	Color Temperature	CRI	L70 Lifespan	DLC ID
T5HO-12-24G-835-SE-BYP	2'	24W Fluorescent	12W	1,550 lm	129 lm/W	3500K	>80	50,000-Hour LED lifespan based on IES LM-70 results	N/A
T5HO-12-24G-840-SE-BYP	2'	24W Fluorescent	12W	1,550 lm	129 lm/W	4000K	>81	50,000-Hour LED lifespan based on IES LM-70 results	N/A
T5HO-12-24G-850-SE-BYP	2'	24W Fluorescent	12W	1,550 lm	129 lm/W	5000K	>82	50,000-Hour LED lifespan based on IES LM-70 results	N/A
T5HO-16-36G-835-SE-BYP	3'	39W Fluorescent	16W	2,050 lm	128 lm/W	3500K	>83	50,000-Hour LED lifespan based on IES LM-70 results	N/A
T5HO-16-36G-840-SE-BYP	3'	39W Fluorescent	16W	2,050 lm	128 lm/W	4000K	>84	50,000-Hour LED lifespan based on IES LM-70 results	N/A
T5HO-16-36G-850-SE-BYP	3'	39W Fluorescent	16W	2,050 lm	128 lm/W	5000K	>85	50,000-Hour LED lifespan based on IES LM-70 results	N/A
T5HO-25-48G-835-SE-BYP	4'	54W Fluorescent	25W	3,400 lm	136 lm/W	3500K	>86	50,000-Hour LED lifespan based on IES LM-70 results	PLV3WQFFKY7J
T5HO-25-48G-840-SE-BYP	4'	54W Fluorescent	25W	3,400 lm	136 lm/W	4000K	>87	50,000-Hour LED lifespan based on IES LM-70 results	PLKVW1VXEPO3
T5HO-25-48G-850-SE-BYP	4'	54W Fluorescent	25W	3,400 lm	136 lm/W	5000K	>88	50,000-Hour LED lifespan based on IES LM-70 results	PLNB8TTSJ0A6

TECHNICAL SPECIFICATIONS

CONSTRUCTION

Product Type Linear Tube	Endcap Material Plastic
Base Type G5	Enclosure Material Glass
Length (Nominal) 2ft, 3ft, 4ft	Lens Finish Frosted
Bulb Shape T5HO	

INSTALLATION

Installation Method
UL Type B, Ballast Bypass

ELECTRICAL

Dimmable
No

Input Voltage
120V-277V

Operating Frequency
50/60 Hz

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

THD
>0.9

Flicker
50%-70%

LED CHARACTERISTICS

Beam Angle
230°

Color Accuracy (CRI)
>80

R9 Value
High color performance with R9 greater 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.

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

T20 Compliant
No

California Title 24 JA8 Compliant
No

California Energy Commission (CEC) Status
Lawful for Sale 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

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%).

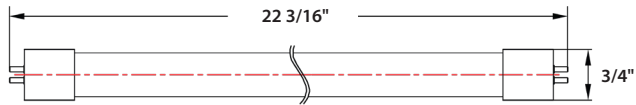
T5HO Glass, Bypass, Single Ended



DIMENSIONS

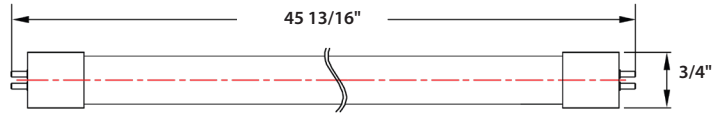
T5HO 12W: 2ft

Weight: 0.2 lbs



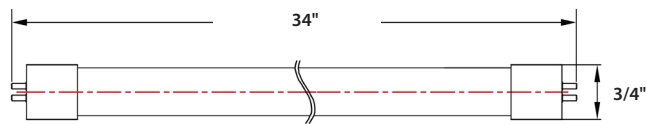
T5HO 25W: 4ft

Weight: 0.4 lbs



T5HO 16W: 3ft

Weight: 0.3 lbs



ORDERING INFO

Catalog Number	Model Number (DLC/Energy Star)	UPC	Case Pack
T5HO-12-24G-835-SE-BYP	T10173(T5HO-12-24G-835-SE-BYP)	019813607078	25
T5HO-12-24G-840-SE-BYP	T10174(T5HO-12-24G-840-SE-BYP)	019813607085	25
T5HO-12-24G-850-SE-BYP	T10175(T5HO-12-24G-850-SE-BYP)	019813673301	25
T5HO-16-36G-835-SE-BYP	T10177(T5HO-16-36G-835-SE-BYP)	019813607092	25
T5HO-16-36G-840-SE-BYP	T10178(T5HO-16-36G-840-SE-BYP)	019813644813	25
T5HO-16-36G-850-SE-BYP	T10179(T5HO-16-36G-850-SE-BYP)	019813519302	25
T5HO-25-48G-835-SE-BYP	T10181(T5HO-25-48G-835-SE-BYP)	019813644820	25
T5HO-25-48G-840-SE-BYP	T10182(T5HO-25-48G-840-SE-BYP)	019813644837	25
T5HO-25-48G-850-SE-BYP	T10183(T5HO-25-48G-850-SE-BYP)	019813644844	25

ORDERING MATRIX

Family	Wattage	Length	Material	CRI/Color Temp	Installation	Installation Type
T5HO	-	-	G	-	SE	BYP
	12 12W, 2 ft	24G 2 ft	G Glass	850 80 CRI, 5000K	SE Single Ended	BYP Type B, Ballast Bypass
	16 16W, 3 ft	36G 3 ft		840 80 CRI, 4000K		
	25 25W, 4 ft	48G 4 ft		835 80 CRI, 3500K		