

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

PROJECT: \_\_\_\_\_

DATE: \_\_\_\_\_

TYPE: \_\_\_\_\_

PREPARED BY: \_\_\_\_\_



### KEY FEATURES

- 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 ended wiring method
- 50,000 hr lifespan based on IES LM-80 and TM-21 calculations
- Rated for use in enclosed and open fixtures in dry or damp locations
- Diffused frosted lens will maintain the same light quality over time
- Instant on full brightness
- Environmentally friendly, no mercury used
- NSF Listed: NSF/ANSI Standard 2 - Food Equipment - Splash Zone (Not for Direct Food Zone without additional fixture considerations)
- UL Classified, DLC Listed



### PERFORMANCE

Catalog Number	Equivalency	Input Wattage	Lumens	Efficacy	Color Temperature	CRI	L70 Lifespan	DLC ID
T5HO-12-24G-840-SE-BYP	F24T5/HO FLUORESCENT	12	1600	133	4000K	80	50,000	No current DLC Category
T5HO-12-24G-850-SE-BYP	F24T5/HO FLUORESCENT	12	1600	133	5000K	80	50,000	
T5HO-16-36G-840-SE-BYP	F39T5/HO FLUORESCENT	16	2100	131	4000K	80	50,000	
T5HO-16-36G-850-SE-BYP	F39T5/HO FLUORESCENT	16	2100	131	5000K	80	50,000	
T5HO-25-48G-835-SE-BYP	F54T5/HO FLUORESCENT	25	3400	136	3500K	80	50,000	PLV3WQFFKY7J
T5HO-25-48G-840-SE-BYP	F54T5/HO FLUORESCENT	25	3500	140	4000K	80	50,000	PLKVV1VXEPO3
T5HO-25-48G-850-SE-BYP	F54T5/HO FLUORESCENT	25	3500	140	5000K	80	50,000	PLNB8TTSJ0A6

## TECHNICAL SPECIFICATIONS

### CONSTRUCTION

<b>Product Type</b> Linear	<b>Housing Finish</b> Aluminum
<b>Length (Nominal)</b> 2ft, 3ft, 4ft	<b>Lens Finish</b> Frosted
<b>Bulb Shape</b> T5	<b>Base Type</b> G5
<b>Housing Material</b> Glass	<b>Beam Angle</b> 180°

### COMPLIANCE

#### Safety Listing

UL Classified, UL Recognized

#### Environment/Fixture Rating

Damp / Enclosed

#### DLC

25W Models are on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities

#### FCC

Complies with Part 15 of the FCC Rules.

#### NSF Listing

NSF/ANSI Standard 2 - Food Equipment (non-contact), Splash Zone, and Non-Food Zone. (Not for Direct Food Zone without additional fixture considerations).

#### RoHS

Mercury and UV free. RoHS-compliant components.

### ELECTRICAL

#### THD

≤20%

#### Power Factor

>0.9

#### Input Voltage

120-277V

#### Operating Frequency

50/60Hz

#### Operating Temperature

-20°C- to 45°C

#### Note

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

### OTHER

#### Warranty

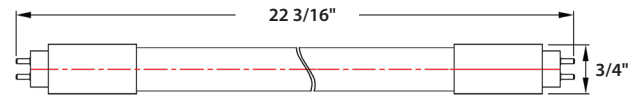
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

## DIMENSIONS

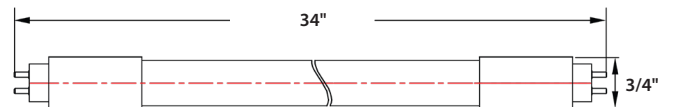
### T5HO 12W: 2ft

Weight: 0.2 lbs



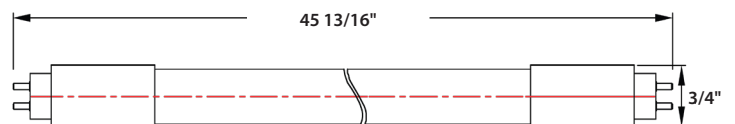
### T5HO 16W: 3ft

Weight: 0.3 lbs



### T5HO 25W: 4ft

Weight: 0.4 lbs



## ORDERING INFO

Catalog Number	Model Number	UPC	Case Pack
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-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

### T5HO

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

\* 835 Only with 25W