

Ballast Compatible 4ft, 3ft and 2ft T5HO Type A Lamps



PROJECT:

DATE:

TYPE:

PREPARED BY:



KEY FEATURES

- Direct Replacement for conventional fluorescent F54T5/HO tube
- Easy to install **plug and play** that requires no rewiring, no tools, no instructions
- **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
- **Compatible** with most program start electronic **T5HO Ballasts**, Please check Compatibility List. **Do Not Install** on T5HE Ballasts
- **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)
- **Dimmable** on select ballasts
- **UL Listed, DLC Listed**

PERFORMANCE

Catalog Number	Equivalency	Input Wattage	Lumens	Efficacy	Color Temperature	CRI	L70 Lifespan	DLC ID
T5HO-9-24G-840-DIR	F24T5/HO FLUORESCENT	9W	1350	150	4000K	80	50,000	No current DLC category
T5HO-9-24G-850-DIR	F24T5/HO FLUORESCENT	9W	1350	150	5000K	80	50,000	
T5HO-18-36G-840-DIR	F39T5/HO FLUORESCENT	18W	2300	128	4000K	80	50,000	
T5HO-18-36G-840-DIR	F39T5/HO FLUORESCENT	18W	2300	128	5000K	80	50,000	
T5HO-25-48G-835-DIR	F54T5/HO FLUORESCENT	25W	3500	140	3500K	80	50,000	
T5HO-25-48G-840-DIR	F54T5/HO FLUORESCENT	25W	3600	144	4000K	80	50,000	
T5HO-25-48G-850-DIR	F54T5/HO FLUORESCENT	25W	3600	144	5000K	80	50,000	

TECHNICAL SPECIFICATIONS

CONSTRUCTION

Product Type Linear	Endcap Material Aluminum
Length (Nominal) 2ft, 3ft, 4ft	Lens Finish Frosted
Bulb Shape T5	Base Type G5
Enclosure Material Glass	Beam Angle 160°

COMPLIANCE

Safety Listing

UL Listed, UL Classified

Environment/Fixture Rating

Damp / Enclosed

DLC

This product is 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

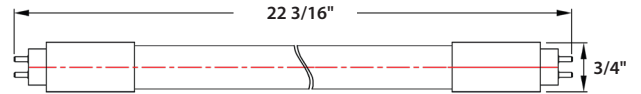
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

DIMENSIONS

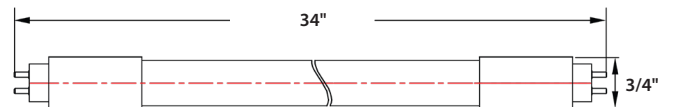
T5HO 9W: 2ft

Weight: 0.2 lbs



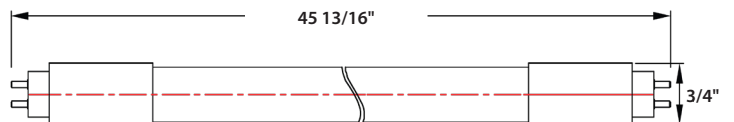
T5HO 18W: 3ft

Weight: 0.3 lbs



T5HO 25W: 4ft

Weight: 0.4 lbs



BALLAST PERFORMANCE TABLE

Catalog Number	Bare Lamp Wattage	System Wattage	Lumens			
			3000K	3500K	4000K	5000K
T5HO-25-48G-8XX-DIR	25	28.5	n/a	3500	3600	3600
T5HO-18-36G-8XX-DIR	18	21	n/a	n/a	2300	2300
T5HO-9-24G-8XX-DIR	9	12	n/a	n/a	1350	1350

ORDERING INFO

Catalog Number	Model Number (DLC/Energy Star)	UPC	Case Pack
T5HO-9-24G-840-DIR	T10158(T5HO-9-24G-840-DIR)	019813601892	25
T5HO-9-24G-850-DIR	T10159(T5HO-9-24G-850-DIR)	019813601885	25
T5HO-18-36G-840-DIR	T10162(T5HO-18-36G-840-DIR)	019813601922	25
T5HO-18-36G-850-DIR	T10163(T5HO-18-36G-850-DIR)	019813601915	25
T5HO-25-48G-835-DIR	T10165(T5HO-25-48G-835-DIR)	019813601939	25
T5HO-25-48G-840-DIR	T10166(T5HO-25-48G-840-DIR)	019813601946	25
T5HO-25-48G-850-DIR	T10167(T5HO-25-48G-850-DIR)	019813601953	25

ORDERING MATRIX

T5HO

Family	Wattage	Length	Material	CRI/Color Temp	Installation Type
T5HO	-	-	G	-	DIR
	9 9W, 2FT	24 = 24" (2ft)	G Glass	850 80 CRI, 5000K	DIR Ballast Compatible
	18 18W, 3FT	36 = 36" (3ft)		840 80 CRI, 4000K	
	25 25W, 4FT	48 = 48" (4ft)		835* 80 CRI, 3500K	

* 835 Only with 25W