



Ballast Bypass, Single Ended, 4ft T5HE Type B Lamps

PROJECT:

DATE:

TYPE:

PREPARED BY:



KEY FEATURES

- Replacement for conventional fluorescent T5HE 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-hours 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
T5HE-13-48G-835-SE-BYP	F28T5/HE FLUORESCENT	13	1750	135	3500K	80	50,000	PL9HIOSPP7G7
T5HE-13-48G-840-SE-BYP	F28T5/HE FLUORESCENT	13	1800	138	4000K	80	50,000	PLLT80F6I04V
T5HE-13-48G-850-SE-BYP	F28T5/HE FLUORESCENT	13	1800	138	5000K	80	50,000	PL6535WTRZQT

TECHNICAL SPECIFICATIONS

CONSTRUCTION

Product Type Linear	Endcap Finish Aluminum
Length (Nominal) 4ft	Lens Finish Frosted
Bulb Shape T5	Base Type G5
Enclosure Material Glass	Beam Angle 180°

COMPLIANCE

Safety Listing

UL Classified, UL Recognized

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

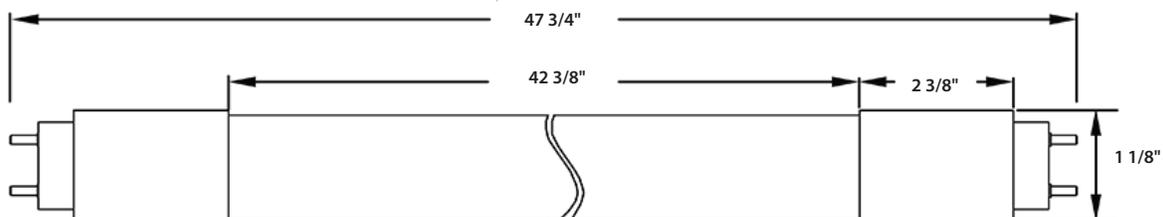
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

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

DIMENSIONS

T5HE 13W: 4ft

Weight: 0.4 lbs



LED T5HE Type B



ORDERING INFO

Catalog Number	Model Number (DLC/Energy Star)	UPC	Case Pack
T5HE-13-48G-835-SE-BYP	T10169(T5HE-13-48G-835-SE-BYP)	019813607047	25
T5HE-13-48G-840-SE-BYP	T10170(T5HE-13-48G-840-SE-BYP)	019813607054	25
T5HE-13-48G-850-SE-BYP	T10171(T5HE-13-48G-850-SE-BYP)	019813607061	25

ORDERING MATRIX

T5HO

Family	Wattage	Length	Material	CRI/Color Temp	Installation	Installation Type
T5HE	- 13	- 48	G	-	SE	- BYP
	13 13W, 4FT	48 = 48" (4ft)	G Glass	850 840 835	SE Single Ended	BYP Ballast Bypass
				80 CRI, 5000K 80 CRI, 4000K 80 CRI, 3500K		