T5HE-13-48G-850-SE-BYP

RAB®

Project:	Type:	Prepared By:	Date:

Features and Benefits

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 hour Lifespan

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

UPC: 019813607061

Technical Specifications

Performance

Product Type:

Linear

Input Wattage:

13W

Lumens (Nominal):

1800

Efficacy:

138 lm/W

Color Accuracy:

80

Color Temperature:

5000K

L70 Lifespan:

50,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

Construction

Length Nominal:

4FT

Bulb Shape:

T8

Enclosure Material:

Glass

Housing Finish:

Aluminum

Lens Finish:

Frosted

Base Type:

G5

Beam Angle:

180°

Electrical

THD:

≤20%

Power Factor:

>0.9

Operating Temperature:

-20°C-45°C

Technical Specifications (continued)

Electrical

Input Voltage:

120-277V

Operating Frequency:

50 / 60 Hz

Installation

Installation Method:

UL TYPE B, Ballast Bypass - Single Ended Wire

Other

Equivalency:

F28T5

Technology EQ:

Fluorescent

Warranty (Years):

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.

Compliance

Safety Listing:

UL Classified, UL Recognized

Environment/Fixture Rating:

Damp / Enclosed

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)

DLC:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. DLC Product Code: PDKDRA3Y

RoHS:

Mercury and UV free. RoHS-compliant components.

FCC:

Complies with Part 15 of the FCC Rules

Minimum Compartment Size

Length x Width x Height [in]	Lamp Quantity
48.03 x 18.5 x 3.54	0

Case and Pallet Dimensions

	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)
CASE	25	48.12	5.28	25
PALLET	0	47.24	0.85	0.85

Dimension

T6-1.2m — 45 13/16" / 1163mm — 13/16" / 21mm

T6-0.6m — 22 3/16" / 563mm — 13/16" / 21mm

T6-0.9m — 34" / 863mm — 13/16" / 21mm