T5HE-13-48G-835-SE-BYP

RAB

Project:	Type:	Prepared By:	Date:

UPC: 019813607047

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

Phase cut dimming

Technical Specifications

Performance

Product Type:
Linear

Input Wattage:
13W

Lumens (Nominal):
1750lm

Efficacy:
135 lm/W

L70 Lifespan:
50,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

Wattage Equivalency:
F28T5

LED Characteristics

Color Accuracy (CRI):
80

Color Temperature:
3500K

Construction

Nominal Length:
4 FT

Bulb Shape:
T5

Enclosure Material:
Glass

Housing Finish:
Aluminum

Lens Finish:
Frosted

Base Type:
G5

Electrical

THD:
≤20%

Power Factor:
>0.9

Operating Temperature:
-20°C-45°C

Technical Specifications (continued)

Electrical

Input Voltage:

120-277V

Operating Frequency:

50/60Hz

Dimming:

No

Installation

Installation Method:

UL Type B, Ballast Bypass - Single Ended Wire

Other

Technology EQ:

Fluorescent

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.

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)

RoHS:

Mercury and UV free. RoHS-compliant components.

FCC:

Complies with Part 15 of the FCC Rules

DLC Model Number:

T10169 (T5HE-13-48G-835-SE-BYP)

DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.
DLC Product Code: PL9HIOSPP7G7

Optical

Beam Angle:

180°

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

T5 - 4FT
45 13/16"
1163mm
13/16"
21mm

T5 - 3FT
34"
863mm
13/16"
21mm

T5 - 2FT
22 3/16"
563mm
13/16"
21mm