

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
- Phase cut dimming

Technical Specifications

Performance

Product Type:

Linear

Input Wattage:

13W

Lumens (Nominal):

1750lm

Efficacy:

135 lm/W

Color Accuracy (CRI):

80

L70 Lifespan:

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

Dimming:

Phase cut dimming. Dimming capabilities were tested and verified on Lutron DVELV-300P dimming system.

LED Characteristics

Color Temperature:

3500K

Construction

Length Nominal:

4FT

Bulb Shape:

T5

Enclosure Material:

Glass

Housing Finish:

Aluminum

Lens Finish:

Frosted

Base Type:

G5

Beam Angle:

180°

Electrical

THD:

≤20%

Power Factor:

>0.9

Technical Specifications (continued)

Electrical

Operating Temperature:

-20°C-45°C

Input Voltage:

120-277V

Operating Frequency:

50/60Hz

Installation

Installation Method:

UL TYPE B, Ballast Bypass - Single Ended Wire

Other

Equivalency:

F28T5

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

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

