

Project:

Type:

Prepared By:

Date:



Features and Benefits

- Replacement for conventional fluorescent T8 and T12 linear tubes
- Integral Driver enables lamp to be wired directly to line voltage without need for an external driver or ballast
- Single ended or Single ended and double ended wiring method
- Works with non-shunted sockets and shunted sockets.
- Approximately 50% more energy efficient when compared to Fluorescent T8 lamps
- 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)
- Internal thermal fuse for added safety
- Emergency back up available. Catalog Numbers: DRI-5-EMGR-T8, DRI-10-EMGR-TYPE B
- Phase cut dimming

Technical Specifications

Performance

Product Type:

Linear

Input Wattage:

9.5W

Lumens (Nominal):

1650lm

Efficacy:

174 lm/W

L70 Lifespan:

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

Wattage Equivalency:

F32T8

Dimming:

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

LED Characteristics

Color Accuracy (CRI):

80

Color Temperature:

4000K

Construction

Nominal Length:

4 FT

Bulb Shape:

T8

Enclosure Material:

Glass

Housing Finish:

White

Lens Finish:

Frosted

Base Type:

G13

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 or Double 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:

T10142 (T8-9.5-48G-840-SD-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: PL1BPHG7445H

Optical

Beam Angle:

160°

Minimum Compartment Size

| Length x Width x Height [in] | Lamp Quantity |
|------------------------------|---------------|
| 47.83 x 23.82 x 3.94 | 0 |

Case and Pallet Dimensions

| | QTY | LENGTH (in) | WIDTH (in) | HEIGHT (in) |
|--------|-----|-------------|------------|-------------|
| CASE | 25 | 50.16 | 7.32 | 25 |
| PALLET | 0 | 47.24 | 1.18 | 1.18 |

Dimension

