

Project:	Type:	Prepared By:	Date:
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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	Dimming:	Housing Finish:
Product Type: Linear	Phase cut dimming. Dimming capabilities were tested and verified on Lutron DVELV-300P dimming system.	White
Input Wattage: 9.5W	LED Characteristics	Lens Finish: Frosted
Lumens (Nominal): 1650lm	Color Accuracy (CRI): 80	Base Type: G13
Efficacy: 174 lm/W	Color Temperature: 5000K	Electrical
L70 Lifespan: 50,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations	Construction	THD: ≤20%
Wattage Equivalency: F32T8	Nominal Length: 4 FT	Power Factor: >0.9
	Bulb Shape: T8	
	Enclosure Material: Glass	

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:

T10143 (T8-9.5-48G-850-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: PLJHCXASL4RT

Optical

Beam Angle:

180°

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

