

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
- Approximately 50% more energy efficient when compared to Fluorescent T8 lamps
- Works with non-shunted sockets ONLY
- Separate wiring harness and socket kit accessory available
- 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)

Technical Specifications

Performance <hr/> Product Type: Linear Input Wattage: 12W Lumens (Nominal): 1,800lm Efficacy: 150lm/W Wattage Equivalency: 32W Fluorescent L70 Lifespan: 50,000 Hours Construction <hr/> Material: Glass Bulb Shape: T8	Nominal Length: 4 ft Finish: Frosted Base Type: G13 For Use Outdoors in Open Fixtures: No LED Characteristics <hr/> Color Temperature: 5000K Daylight Color Accuracy (CRI): 80 CRI Electrical <hr/> THD: <25% Power Factor: >0.9	Operating Temperature: -25°C to 45°C (-13°F to 113°F) Dimming: No Input Voltage: 120-277V Operating Frequency: 50/60Hz Input Current @ 120V: 0.1mA Input Current @ 277V: 0.05mA Flicker: ≤40% Optical <hr/> Beam Angle: 220°
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Technical Specifications (continued)

Other

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.

Installation

Installation Type:

Type B, Single Ended wiring

Compliance

UL Recognized:

Yes

UL Classified:

Yes

NSF Listed:

Meets NSF/ANSI standards for use in Food Zone (non-contact), Splash, and Non-Food Zones. Tube guard required in open fixtures.

California Energy Commission (CEC) Status:

Lawful for Sales in California

Application:

Suitable for damp locations and totally enclosed fixtures.

Model Number for Certification:

T20028(T8-12-48G-850-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.

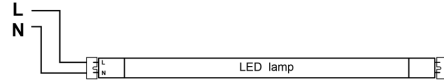
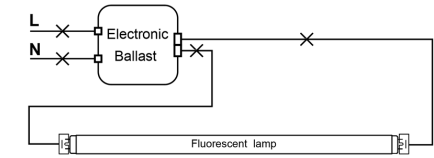
Minimum Compartment Size

Length x Width x Height [in]	Lamp Quantity
49	4

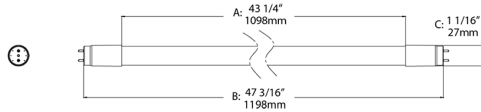
Case and Pallet Dimensions

	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)
CASE	25	50.8	6.3	7
PALLET	0	44.8	39.6	52.4

Wiring Diagram



Dimension



Light Distribution

