

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
- Double ended wiring method
- Works with 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

Technical Specifications		
Performance	Nominal Length:	Electrical
Product Type: Linear	4 ft	THD: <20%
Input Wattage: 14W	Finish: Frosted	Power Factor: 0.9
Lumens: 1,800lm	For Use Outdoors in Open Fixtures: No	Operating Temperature: -20°C to 45°C (-4°F to 113°F)
Efficacy: 129lm/W	LED Characteristics	Dimming: No
L70 Lifespan: 50,000 Hours	Color Temperature: 4000K Cool White	Input Voltage: 120-277V AC
Wattage Equivalency: 32W Fluorescent	Color Accuracy (CRI): 82 CRI	Operating Frequency: 50/60Hz
Construction	Beam Angle: 210°	Input Current @ 120V: 102mA
Material: Glass	Installation	
Shape: T8	Base Type: G13	
	Installation Type: Type B, Double Ended wiring	

Technical Specifications (continued)

Other

5-Year, No-Compromise 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

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.

Certification Model Number:

T8-14-48G-840-DE-BYP

California Energy Commission (CEC) Status:

Lawful for Sales in California

Application:

Suitable for damp locations and totally enclosed fixtures.

DLC Listed:

This product family is listed with the DesignLights Consortium (DLC). Individual SKUs within this family may carry either a DLC Standard or DLC Premium qualification. Please refer to the individual product specification sheet or the DLC Qualified Products List (QPL) at designlights.org to confirm the qualification status of a specific SKU prior to specification or purchase.

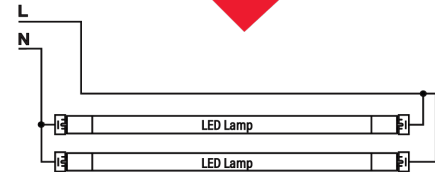
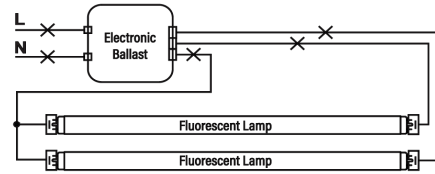
Minimum Compartment Size

Length x Width x Height [in]	Lamp Quantity
48	4

Case and Pallet Dimensions

	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)
CASE	25	48.8	5.9	6
PALLET	1200	49.2	39.4	46.1

Wiring Diagram



Dimension

