



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	Construction	LED Characteristics
Product Type: Linear	Material: Glass	Color Temperature: 5000K Daylight
Input Wattage: 10.5W	Bulb Shape: T8	Color Accuracy (CRI): 82 CRI
Lumens (Nominal): 1700lm	Nominal Length: 4 FT	Electrical
Efficacy: 160 lm/W	Finish: Frosted	THD: <20%
L70 Lifespan: 50,000 Hours	Base Type: G13	Power Factor: >0.9
Wattage Equivalency: 25W/28W/30W/32W Fluorescent	For Use Outdoors in Open Fixtures: No	Operating Temperature: -20°C - 45°C (-4°F - 113°F)



Technical Specifications (continued)

Electrical

Dimming:

No

Input Voltage:

120-277V AC

Operating Frequency:

50/60Hz

Input Current @ 120V:

106mA

Input Current @ 277V:

44mA

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, Double 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.

DLC Model Number:

T10045

California Energy Commission (CEC) Status:

Lawful for sale in California

Application:

Suitable for damp locations and totally enclosed fixtures.

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: PAC5ZY4Z

Optical

Beam Angle:

210°

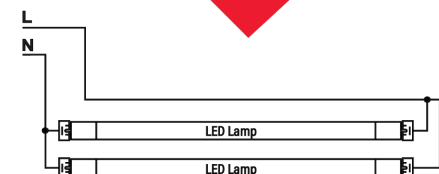
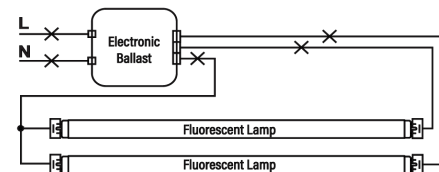
Minimum Compartment Size

Length x Width x Height [in]	Lamp Quantity
47.8 x 23.8 x 3.0	4

Case and Pallet Dimensions

	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)
CASE	25	48.8	5.9	5.9
PALLET	1200	47.2	40	51.3

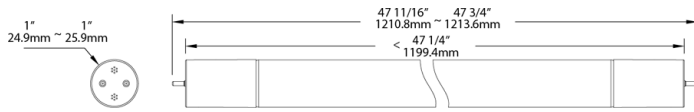
Wiring Diagram



T8-10.5-48G-850-DE-BYP



Dimension



Light Distribution

