TRLED2X4-50YN/D10/E





LED performance in an economical 2x4 troffer. Includes emergency battery backup that will operate the LED lamp for 90 minutes if power fails.

Color: White Weight: 15.5 lbs

| Project: | Туре: |
|--------------|-------|
| Prepared By: | Date: |

| Driver Info | | LED Info | |
|--------------|------------------|-----------------|--------|
| Type: | Constant Current | Watts: | 50W |
| 120V: | 0.42A | Color Temp: | 3500K |
| 208V: | 0.25A | Color Accuracy: | 84 CRI |
| 240V: | 0.22A | L70 Lifespan: | 100000 |
| 277V: | 0.19A | Lumens: | 4,432 |
| Input Watts: | 50W | Efficacy: | 89 LPW |
| Efficiency: | N/A | | |
| | | | |
| | | | |

Technical Specifications

Listings

UL Listing:

Suitable for damp locations

IESNA LM-79 & LM-80 Testing:

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have received the Department of Energy "Lighting Facts" label.

DLC Listed:

This product is on the Design Lights Consortium (DLC)
Qualified Products List and is eligible for rebates from
DLC Member Utilities.

Electrical

Driver:

Constant Current, Class 2, 4-channel driver with 0-10V dimming, 450mA, 120-277VAC 0.55A, Power Factor >92%

Dimming Driver:

Driver includes dimming control for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims as low as 5%.

THD:

11.1% at 120V, 13.4% at 277V

Construction

Lens

Nominal .125" thick prismatic acrylic lens with diffusion for enhanced optical performance

IC Rating:

Suitable for insulated ceilings

Housing:

Die-formed 22 gauge, cold-rolled steel

Installation:

Standard integral earthquake and NEC T-bar clips secure the fixture to T-bars and prevent T-system separation. For recessed mounting kit see

Finish:

High-reflectance (91%) powder coat applied post production for a more durable finish

Green Technology:

Mercury and UV free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

LED Characteristics

LEDs:

Long-life, high-efficiency, micro-power, surface mount LEDs; binned and mixed for uniform light output and color.

Lifespan:

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

Color Stability:

LED Color temperature is warrantied to shift no more than 200K in CCT over a 5 year period.

Other

TRLED2X4-50 with Battery Backup:

Battery backup will operate the LED lamp for 90 minutes if power fails. Wired for 120-277V.

California Title 24:

TRLED2X4-50YN/D10 complies with 2013 California Title 24 building and electrical codes as a commercial indoor fixture for general spaces when used with a vacancy sensor and 0-10V dimming control. Select a vacancy sensor using catalog number LVS800. 0-10V dimmer provided by others.

Country of Origin:

Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

Buy American Act Compliant:

This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act

Recovery Act (ARRA) Compliant:

This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

Trade Agreements Act Compliant:

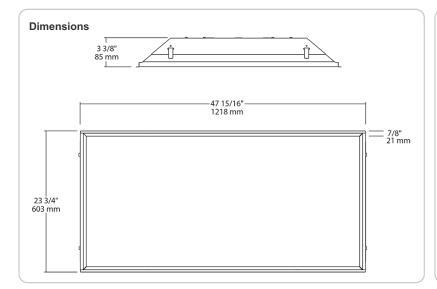
This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

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Features

High efficiency, low maintenance alternative to fluorescent

Prismatic lens with diffusion for enhanced optical performance

0-10V dimming standard on all models

Emergency battery backup to provide emergency lighting when power is lost

Optional recessed mounting kit available

100,000-hour LED lifespan

5-Year warranty

| Ordering Matrix | | | | | |
|-----------------|----------------------|----------------------|--|-----------------|------------------------------|
| Family | Size | Watts | Color Temp | Dimming | Battery Backup |
| TRLED | | | | | |
| | 2X4 = 2' x 4' | 37 = 37W 50 = 50W | Y = 3000K (Warm) YN = 3500K (Warm Neutral) N = 4000K (Neutral) | /D10 = Dimmable | /E = 120-277V Battery Backup |