

# TRLED2X2-50YN/D10

LED performance in an economical 2x2 troffer.

Color: White

Weight: 9.5 lbs



## LED Info

Watts: 50W  
 Color Temp: 3500K  
 Color Accuracy: 84  
 L70 Lifespan: 100000  
 LM79 Lumens: 4210  
 Efficacy: 82 LPW

## Driver Info

Type: Constant Current  
 120V: 0.42A  
 208V: 0.25A  
 240V: 0.22A  
 277V: 0.19A  
 Input Watts: 51W  
 Efficiency: 98%

## Technical Specifications

### TRLED2X2-50 with Dimmable Driver:

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

### UL Listing:

Suitable for damp locations

### IC Rating:

Suitable for insulated ceilings

### 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.

### Driver:

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

### THD:

10.9% at 120V, 14.4% at 277V

### Lens:

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

### 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.

### Color Stability:

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

### Finish:

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

### 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.

### California Title 24:

TRLED2X2-50YN/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.

### Green Technology:

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

### 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.



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**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.

