TRLED2X2-50N/D10/E

RAB LIGHTING

Project:	Type:
Prepared By:	Date:

Driver Info

Type:	Constant Current
120V:	0.42A
208V:	0.25A
240V:	0.22A
277V:	0.19A
Input Watts:	50W
Efficiency:	N/A

LED Info

Watts:	50W
Color Temp:	4000K
Color Accuracy:	83 CRI
L70 Lifespan:	100000
Lumens:	4,230
Efficacy:	85 LPW

LED performance in an economical 2x2 troffer. Includes emergency battery backup that will operate the LED lamp for 90 minutes if power fails.

Color: White   Weight: 9.5 lbs

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:

10.8% 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

TRLED2X2-50 with Battery Backup:

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

California Title 24:

TRLED2X2-50N/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.

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).
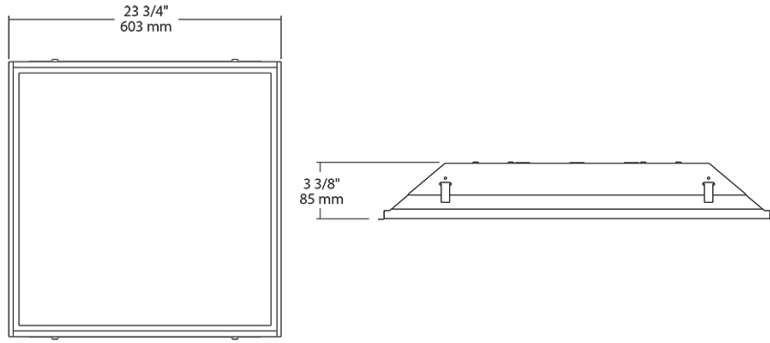
Trade Agreements Act Compliant:

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.

TRLED2X2-50N/D10/E

Dimensions

23 3/4"
603 mm

3 3/8"
85 mm

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					
	2X2 = 2' x 2'	**37** = 37W	**Y** = 3000K (Warm)	**/D10** = Dimmable	**/E** = 120-277V Battery Backup
		50 = 50W	**YN** = 3500K (Warm Neutral)		
			N = 4000K (Neutral)		

Need help? Tech help line: **(888) RAB-1000** Email: **sales@rabweb.com** Website: **www.rabweb.com**

Copyright © 2014 RAB Lighting Inc. All Rights Reserved   Note: Specifications are subject to change at any time without notice

Page 2 of 2