## TRLED2X2-37YN/D10/E





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

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info	
Type:	Constant Current	Watts:	37W
120V:	0.31A	Color Temp:	3500K
208V:	0.19A	Color Accuracy:	84 CRI
240V:	0.16A	L70 Lifespan:	100000
277V:	0.14A	Lumens:	3,322
Input Watts:	38W	Efficacy:	87 LPW
Efficiency:	97%		

## **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, 350mA, 120-277VAC 0.46A, Power Factor >94%

## **Dimming Driver:**

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

#### THD:

10.1% at 120V, 13.1% 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**

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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

#### TRLED2X2-37 with Battery Backup:

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

#### California Title 24:

TRLED2X2-37YN/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:**

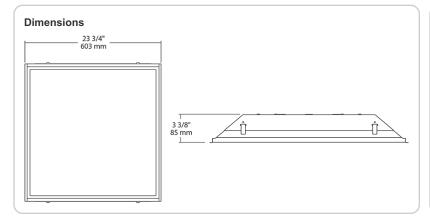
This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

#### **GSA Schedule:**

Suitable in accordance with FAR Subpart 25.4.

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