



LED performance in an economical 2x2 troffer.

Color: White

Weight: 13.7 lbs

**Project:**

**Type:**

**Prepared By:**

**Date:**

## Driver Info

Type: Constant Current  
120V: 0.31A  
208V: 0.19A  
240V: 0.16A  
277V: 0.14A  
Input Watts: 38W  
Efficiency: 97%

## LED Info

Watts: 37W  
Color Temp: 4000K (Neutral)  
Color Accuracy: 83 CRI  
L70 Lifespan: 100,000  
Lumens: 3370  
Efficacy: 89 LPW

## Technical Specifications

### Listings

#### UL Listing:

Suitable for damp locations

#### IESNA LM-79 & LM-80 Testing:

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

### 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:

10.3% at 120V, 12.8% 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.

### LED Characteristics

#### LEDs:

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

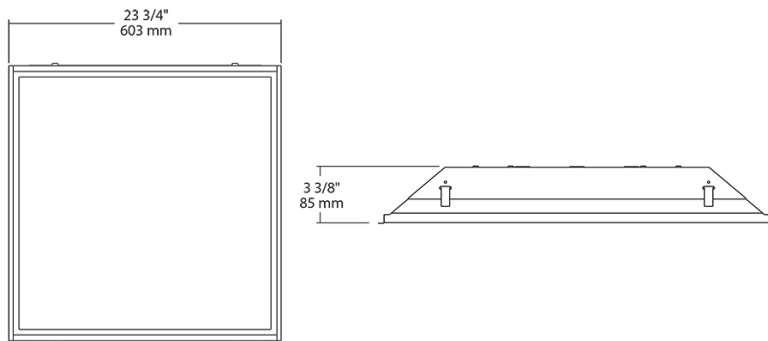
#### Lifespan:

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

### Dimensions



### Features

- High efficiency, low maintenance alternative to fluorescent
- Prismatic lens with diffusion for enhanced optical performance
- 0-10V dimming standard on all models
- Optional recessed mounting kit available
- 100,000-hour LED lifespan
- 5-Year, No-Compromise Warranty

Ordering Matrix				
Family	Size	Wattage	Color Temp	Driver Options
TRLED	2X2	37	N	/D10
	2X2 = 2' x 2'	37 = 37W	N = 4000K (Neutral)	/D10 = 0-10V Dimming
	2X4 = 2' x 4'	50 = 50W		/D10/E = 0-10V Dimming w/ Emergency Battery Backup