



Cost-effective LED 2x4 troffer upgrade that's easily installed. Includes battery back up that will operate the LED lamp for 90 minutes if power fails.

Color: White

Weight: 22.6 lbs

Project:

Type:

Prepared By:

Date:

#### Driver Info

Type: Constant Current  
 120V: 0.41A  
 208V: 0.24A  
 240V: 0.21A  
 277V: 0.18A  
 Input Watts: 50W  
 Efficiency: 99%

#### LED Info

Watts: 49W  
 Color Temp: 5000K  
 Color Accuracy: 85 CRI  
 L70 Lifespan: 60000  
 Lumens: 6779  
 Efficacy: 137 LPW

## Technical Specifications

### Listings

#### UL Listed:

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

#### DLC Listed:

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities.

DLC Product Code: PQZG83SP

### Electrical

#### Driver:

Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.41A, 0.24A, 0.21A, 0.18A

#### Dimming Driver:

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

#### Battery Backup:

Battery backup will operate the fixture for 90 minutes if power fails. Wired for 120.

#### THD:

8.2% at 120V, 8.9% at 277V

#### Power Factor:

99.5% at 120V, 95.4% at 277V

#### Surge Protection:

4kV

### Construction

#### Housing:

Steel sheet metal

#### Ambient Temperature:

Suitable for 40°C (104°F) ambient temperatures

#### Reflector:

High-reflectance, powder-coated finish, optimized for uniform light distribution

#### Mounting:

Recessed ceiling

#### Lens:

Polycarbonate lens

#### Finish:

Formulated for high-durability and long lasting color

#### Green Technology:

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

### LED Characteristics

#### Note:

All values are typical (tolerance +/- 10%)

#### LEDs:

Long-life, high-efficacy surface mount LEDs

#### Lifespan:

60,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

#### Color Stability:

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

#### Color Uniformity:

RAB's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

### Other

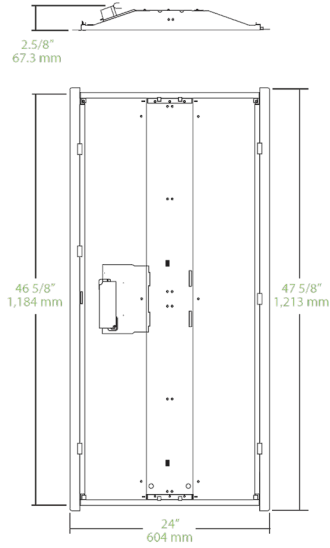
#### Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

#### Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

**Dimensions**



**Features**

- Troffer Retrofit can be installed in under 3 minutes by 1 person
- Frosted polycarbonate lens provides a uniform distribution and reduces glare
- 0-10V dimming standard
- 5-Year No Compromise Warranty

**Ordering Matrix**

Family	Size	Wattage	Color Temp	Finish	CRI	Dimming Driver	Options	Bulk Qty
RTLED	2X4	49		W		/D10	/E2	
	1X4 = 1'x4'	19 = 19W (2x2, 1x4)	Blank = 5000K (Cool)	W = White	Blank = 80 CRI /HC = 90 CRI (4000K only)	/D10 = 0-10V Dimming	Blank = No Options /LC = Lightcloud® Controller /E2 = Battery Backup /MVS = Microwave Sensor /MVS/E2 = Microwave Sensor and Battery Backup	Blank = Individual BULK = Comes in qty 6 (not available with options)
	2X2 = 2'x2'	29 = 29W (2x2, 1x4)	N = 4000K (Neutral)					
	2X4 = 2'x4'	39 = 39W (2x4)	YN = 3500K (Warm Neutral)					
		49 = 49W (2x4)	Y = 3000K (Warm)					