



Cost-effective LED 2x4 troffer upgrade that's easily installed.

Color: White

Weight: 19.2 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	49.6W

#### LED Info

Watts	49W
Color Temp	5000K (Cool)
Color Accuracy	85 CRI
L70 Lifespan	100,000 Hours
Lumens	6,779
Efficacy	136.7 lm/W

## Technical Specifications

### Compliance

#### 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

#### THD:

8.2% at 120V, 8.9% at 277V

#### Power Factor:

99.5% at 120V, 95.4% at 277V

#### Surge Protection:

4kV

#### Note:

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

### Construction

#### Housing:

Steel sheet metal

#### Ambient Temperature:

Suitable for use in up to 40°C (104°F)

#### 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

## Technical Specifications (continued)

### Construction

#### Green Technology:

Mercury and UV free. RoHS-compliant components.

### LED Characteristics

#### LEDs:

Long-life, high-efficacy, surface-mount LEDs

#### Color Stability:

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

#### Color Uniformity:

RAB's range of 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.

### Performance

#### Lifespan:

100,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

#### 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. RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

#### Equivalency :

Equivalent to (3) F32T8 or (3) F28T5

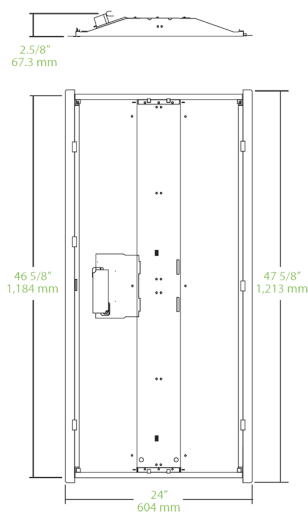
#### Trade Agreements Act Compliant:

This product is a product of Cambodia and a "designated country" end product that complies with the Trade Agreements Act

#### 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
RTLED	2X4	–	49		W		/D10	
	1X4 = 1'x4' 2X2 = 2'x2' 2X4 = 2'x4'		19 = 19W (2x2, 1x4) 29 = 29W (2x2, 1x4) 39 = 39W (2x4) 49 = 49W (2x4)	Blank = 5000K Cool N = 4000K Neutral YN = 3500K Warm Neutral Y = 3000K Warm	W = White	Blank = 80 CRI /HC = 90 CRI (4000K only) <sup>1</sup>	/D10 = 0-10V Dimming	Blank = No Options /LC = Lightcloud® Controller /E2 = Battery Backup /MVS = Microwave Occupancy Sensor /MVS/E2 = Microwave Occupancy Sensor w/ Battery Backup

<sup>1</sup> 4000K only