



Cost-effective LED 2x2 troffer upgrade that's easily installed. Includes built-in support for Lightcloud, a wireless lighting control system and service, fully developed by RAB.

Color: White

Weight: 13.4 lbs

<b>Project:</b>	<b>Type:</b>
<b>Prepared By:</b>	<b>Date:</b>

Driver Info		LED Info	
Type:	Constant Current	Watts:	29W
120V:	0.24A	Color Temp:	3500K
208V:	0.15A	Color Accuracy:	84 CRI
240V:	0.13A	L70 Lifespan:	60000
277V:	0.11A	Lumens:	3653
Input Watts:	29W	Efficacy:	124 LPW
Efficiency:	99%		

## Technical Specifications

### Lightcloud

#### Lightcloud Controller Installed:

Lightcloud is a commercial wireless lighting control system and service fully developed and supported by RAB. It's powerful and flexible, yet easy to use and install.

### 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: PCYXHMZ0

### Electrical

#### Driver:

Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.24A, 0.15A, 0.13A, 0.11A

#### Dimming Driver:

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

#### THD:

17.8% at 120V, 12.3% at 277V

#### Power Factor:

98.3% at 120V, 93% 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

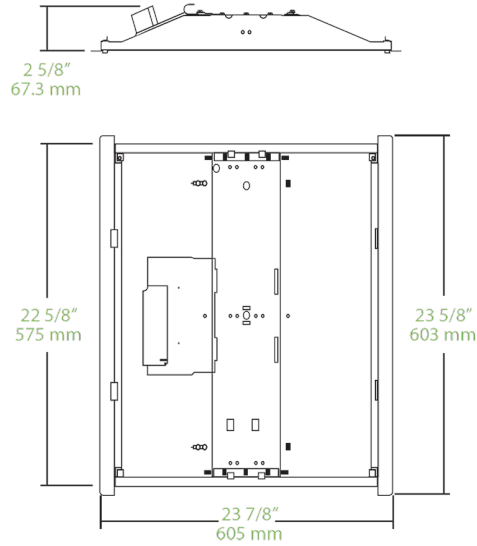
#### Warranty:

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