



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

| | |
|---------------------|--------------|
| Project: | Type: |
| Prepared By: | Date: |

| Driver Info | | LED Info | |
|--------------|------------------|-----------------|---------|
| Type: | Constant Current | Watts: | 29W |
| 120V: | 0.24A | Color Temp: | 3000K |
| 208V: | 0.15A | Color Accuracy: | 84 CRI |
| 240V: | 0.13A | L70 Lifespan: | 60000 |
| 277V: | 0.11A | Lumens: | 3604 |
| Input Watts: | 29W | Efficacy: | 124 LPW |
| Efficiency: | N/A | | |

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 on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.

DLC Product Code: PDP1KKXN

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:

14.3% at 120V, 12.4% at 277V

Power Factor:

98.8% at 120V, 92% 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

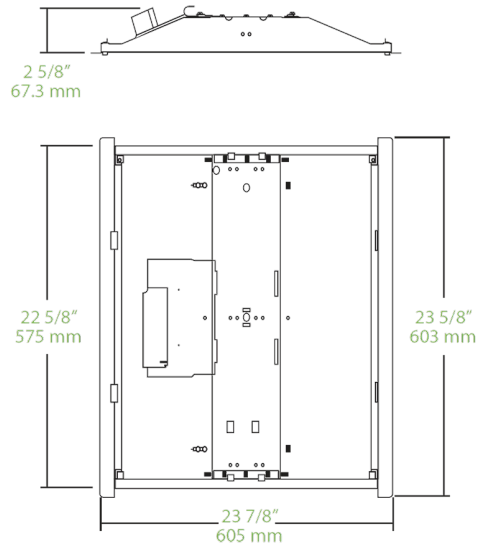
Warranty:

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 | Y | W | | /D10 | /LC | |
| | 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) | /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) |