



2' x 2' LED panel lights provide smooth and uniform light edge-to-edge for a clean, modern look. For use in drop ceilings or drywall using the optional recessed mounting kit. Includes built in support for Lightcloud, a wireless lighting control system and service, fully developed by RAB.

Color: White

Weight: 21.0 lbs

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

Driver Info		LED Info	
Type:	Constant Current	Watts:	34W
120V:	0.29A	Color Temp:	4000K
208V:	0.167A	Color Accuracy:	83 CRI
240V:	0.145A	L70 Lifespan:	100000
277V:	0.126A	Lumens:	4,285
Input Watts:	33W	Efficacy:	129 LPW
Efficiency:	N/A		

## Technical Specifications

### Lightcloud

#### Lightcloud 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. Recommended for indoor use only.

#### 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, and have received the Department of Energy "Lighting Facts" label.

#### 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: P0000171K

### Construction

#### IC Rating:

Suitable for insulated ceilings

#### Lens:

High-transmission acrylic lens with excellent distribution and uniformity.

#### Housing:

Lightweight housing is constructed of extruded aluminum.

#### Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contains no VOC or toxic heavy metals.

### Quick and Easy Installation:

Modular splice box/driver compartment available for quick installation. Integral Tee grid clips make installation easy and secure.

### Green Technology:

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

### LED Characteristics

#### Lifespan:

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

#### LEDs:

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

#### Color Consistency:

3-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color.

### Electrical

#### Driver:

Constant Current, Class 2, 100-277V, 50/60Hz, 4kV Surge Protection, 700mA, 100-277V 0.4A, Power factor 99%.

#### THD:

6.6% at 120V, 9.8% at 277V

#### Power Factor:

99.5% at 120V, 95.0% at 277V

### Other

#### California Title 24:

See PANEL2x2-34/D10 for a 2013 California Title 24 compliant product. Any additional component requirements will be listed in the Title 24 section under technical specifications on the product page.

#### 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.

#### Country of Origin:

Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

#### Buy American Act Compliant:

This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

#### Recovery Act (ARRA) Compliant:

This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

#### Trade Agreements Act Compliant:

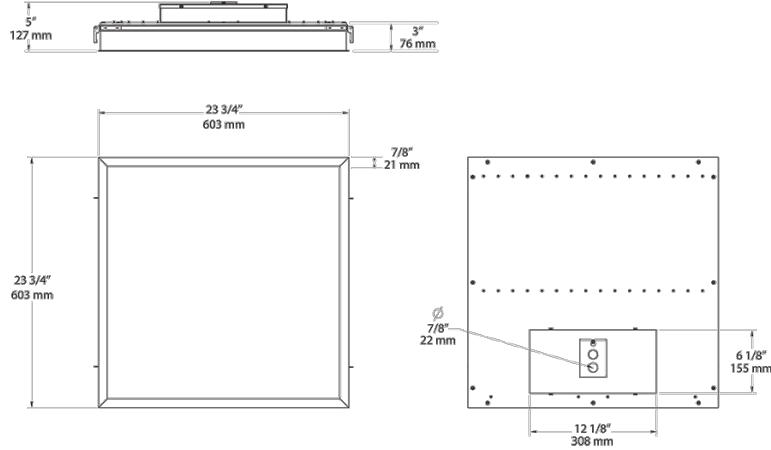
This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

#### GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

# PANEL2X2-34N/LC

## Dimensions



## Features

- High-transmission acrylic lens provides excellent distribution and uniformity
- UL Listed for damp locations
- 5-year warranty
- Built in support Lightcloud™
- Easy setup - simply power on, confirm device connectivity and call 844-LIGHTCLOUD

## Ordering Matrix

Family	Size	Watts	Color Temp	Dimming	Lightcloud
PANEL	2X2	34	N		/LC
	2X2 = 2' x 2'	34 = 34W 41 = 41W 52 = 52W	Y = 3000K (Warm) YN = 3500K (Warm Neutral) N = 4000K (Neutral)	Blank = No Dimming /D10 = Dimmable	/LC = Lightcloud