



|                     |              |
|---------------------|--------------|
| <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.

### Electrical

#### Dimming Driver:

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

#### Driver:

Constant Current, Class 2, 100-277V, 50/60Hz, 4kV Surge Protection, 700mA, 100-277V 0.4A, Power factor 99%, 0-10V Dimming 10%-100%.

#### THD:

6.6% at 120V, 9.8% at 277V

#### Power Factor:

99.5% at 120V, 95.0% at 277V

### 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: PHH87TNC

### 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.

### Other

#### California Title 24:

PANEL2x2-34/D10 complies with 2013 California Title 24 building and electrical codes as a commercial indoor fixture for general spaces when used with a vacancy sensor and 0-10V dimming control. Select a vacancy sensor using catalog number LVS800. 0-10V dimmer provided by others.

#### 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:

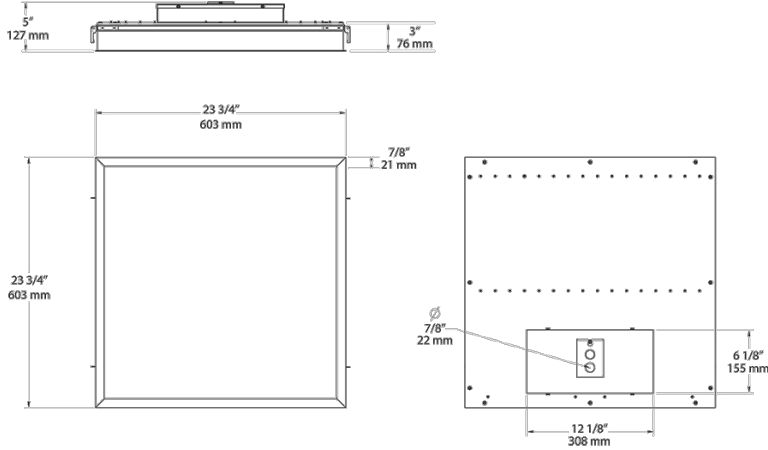
This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

#### GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

# PANEL2X2-34N/D10/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  | /D10                                  | /LC              |
|        | 2X2 = 2' x 2' | 34 = 34W<br>41 = 41W<br>52 = 52W | Y = 3000K (Warm)<br>YN = 3500K (Warm Neutral)<br>N = 4000K (Neutral) | Blank = No Dimming<br>/D10 = Dimmable | /LC = Lightcloud |