



2' x 4' 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: 34.0 lbs

**Project:**

**Type:**

**Prepared By:**

**Date:**

### Driver Info

Type:	Constant Current
120V:	0.37A
208V:	0.25A
240V:	0.22A
277V:	0.19A
Input Watts:	45W
Efficiency:	98%

### LED Info

Watts:	44W
Color Temp:	3000K
Color Accuracy:	82 CRI
L70 Lifespan:	100000
Lumens:	6,038
Efficacy:	135 LPW

## 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%.

#### Drivers:

Two (2) Constant Current, Class 2, 100-277V, 50/60Hz, 4kV Surge Protection, 450mA, 100-277V: 0.4A, Power Factor 99.2%

#### THD:

7.5% at 120V, 13.8% at 277V

#### Power Factor:

99.4% at 120V, 89.7% at 277V

### Listings

#### UL Listing:

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: PY6NRQ3V

### 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.

#### Installation:

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

#### Finish:

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

#### 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

#### LEDs:

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

#### Lifespan:

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

### Color Consistency:

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

### Other

#### California Title 24:

PANEL2x4-44/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.

#### 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.

#### 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.

# PANEL2X4-44Y/D10/LC

## Dimensions



## Features

- Up to 60% savings on energy costs
- High-reflectance (91%) powder coat applied post fabrication for a more durable finish
- Ultra-smooth diffusion lens creates uniform light, edge to edge, for evenly lit spaces
- 100,000-hour LED Lifespan
- 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	2X4	44	Y	/D10	/LC
	2X4 = 2' x 4'	44 = 44W 59 = 59W	Y = 3000K (Warm) YN = 3500K (Warm Neutral) N = 4000K (Neutral)	Blank = No Dimming /D10 = Dimmable	/LC = Lightcloud