# PANEL2X4-59YN





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.

Color: White Weight: 34.0 lbs

Project:	Туре:
Prepared By:	Date:

	LED Info	
Constant Current	Watts:	59W
0.49A	Color Temp:	3500K
0.32A	Color Accuracy:	83 CRI
0.28A	L70 Lifespan:	100000
0.24A	Lumens:	7,889
58W	Efficacy:	135 LPW
N/A		
	0.49A 0.32A 0.28A 0.24A 58W	Constant Current Watts: 0.49A Color Temp: 0.32A Color Accuracy: 0.28A L70 Lifespan: 0.24A Lumens: 58W Efficacy:

### **Technical Specifications**

#### Listings

#### **UL Listing:**

Suitable for damp locations. Recommended for indoor use only.

#### IESNA LM-79 & LM-80 Testing:

RAB LED luminaries 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: P00001729

### 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.

#### **Electrical**

#### Drivers:

Two (2) Constant Current, Class 2, 100-277V, 50/60Hz, 4kV Surge Protection, 620mA, 100-277V: 0.6A, Power Factor 99.6%

#### THD:

6.6% at 120V, 10.5% at 277V

#### **Power Factor:**

99.5% at 120V, 90.5% at 277V

### Other

#### California Title 24:

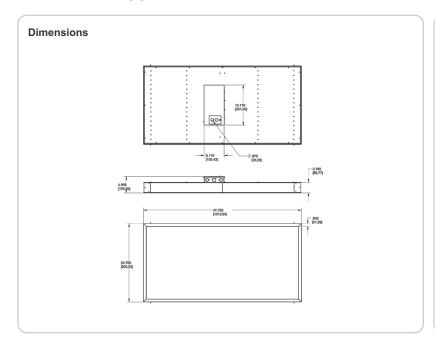
See PANEL2x4-59/D10 for a 2013 California Title 24 compliant product. Any additional component requirements will be listed in the Title 24 section under technical specifications on the product page.

### 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.

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### **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

Ordering Matrix				
Family	Size	Watts	Color Temp	Dimming
PANEL				
	<b>2X4</b> = 2' x 4'	<b>44</b> = 44W	<b>Y</b> = 3000K (Warm)	Blank = No Dimming
		<b>59</b> = 59W	YN = 3500K (Warm Neutral)	<b>/D10</b> = Dimmable
			<b>N</b> = 4000K (Neutral)	