

# PANEL1X4-52YN

1' 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

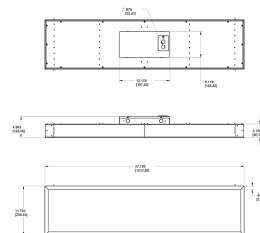
Weight: 19.5 lbs

## LED Info

Watts: 52W  
 Color Temp: 3500K  
 Color Accuracy: 85  
 L70 Lifespan: 100000  
 LM79 Lumens: 3933  
 Efficacy: 77 LPW

## Driver Info

Type: Constant Current  
 120V: 0.43A  
 208V: 0.25A  
 240V: 0.22A  
 277V: 0.19A  
 Input Watts: 51W  
 Efficiency: 101%



## Technical Specifications

### UL Listing:

Suitable for damp locations. Recommended for indoor use only.

### IC Rating:

Suitable for insulated ceilings.

### 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.

### Driver:

Constant Current, Class 2, 100-277V, 50/60Hz, 4kV Surge Protection, 1050mA, 100-277V: 0.4A, Power Factor 99.4%

### THD:

6.9% at 120V, 7.0% at 277V

### Lens:

High-transmission acrylic lens with excellent distribution and uniformity.

### Color Consistency:

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

### 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.

### 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.

### California Title 24:

See PANEL1x4-52/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.

### Green Technology:

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

### 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.



## PANEL1X4-52YN - continued

**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.

