



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.

Color: White

Weight: 21.0 lbs

**Project:**

**Type:**

**Prepared By:**

**Date:**

## Driver Info

Type: Constant Current  
120V: 0.43A  
208V: 0.256A  
240V: 0.222A  
277V: 0.192A  
Input Watts: 51W  
Efficiency: N/A

## LED Info

Watts: 52W  
Color Temp: 3000K  
Color Accuracy: 82 CRI  
L70 Lifespan: 100000  
Lumens: 6355  
Efficacy: 125 LPW

## Technical Specifications

### 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, 1050mA, 100-277V 0.8A, Power factor 99.3%, 0-10V Dimming 10%-100%.

#### THD:

6.3% at 120V, 9.7% at 277V

#### Power Factor:

99.4% at 120V, 94.1% at 277V

### Listings

#### 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: P6T2B1BX

#### 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.

### 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:

Formulated for high-durability and long lasting color.

#### 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:

PANEL2x2-52/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.

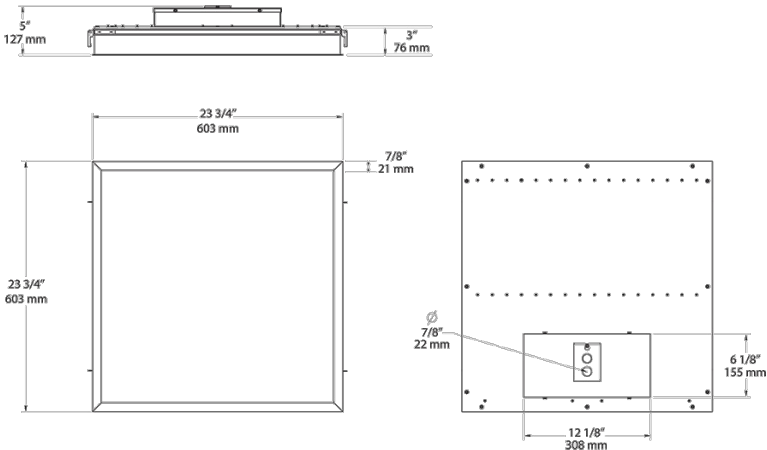
#### Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

PANEL2X2-52Y/D10



Dimensions



Features

- High-transmission acrylic lens provides excellent distribution and uniformity
- UL Listed for damp locations
- 5-year warranty

Ordering Matrix

Family	Size	Watts	Color Temp	Dimming
PANEL	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