



2' x 2' LED panel lights with emergency battery Backup that will operate the LED Lamp for 90 minutes if power fails. 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:	0.26A
240V:	0.23A
277V:	0.19A
Input Watts:	50W
Efficiency:	N/A

LED Info

Watts:	52W
Color Temp:	4000K
Color Accuracy:	83 CRI
L70 Lifespan:	100000
Lumens:	6,297
Efficacy:	126 LPW

Technical Specifications

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.

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.

Electrical

Emergency Battery Backup:

Battery backup will operate the LED Lamp for 90 minutes if power fails. Wired for 120V-277V.

Driver:

Constant Current, Class 2, 100-277V, 50/60Hz, 4KV Surge Protection, 1050mA, 100-277V 0.8A, Power factor 99.3%.

THD:

6.3% at 120V, 9.7% at 277V

Power Factor:

99.4% at 120V, 93.9% at 277V

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:

See PANEL2x2-52/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.

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:

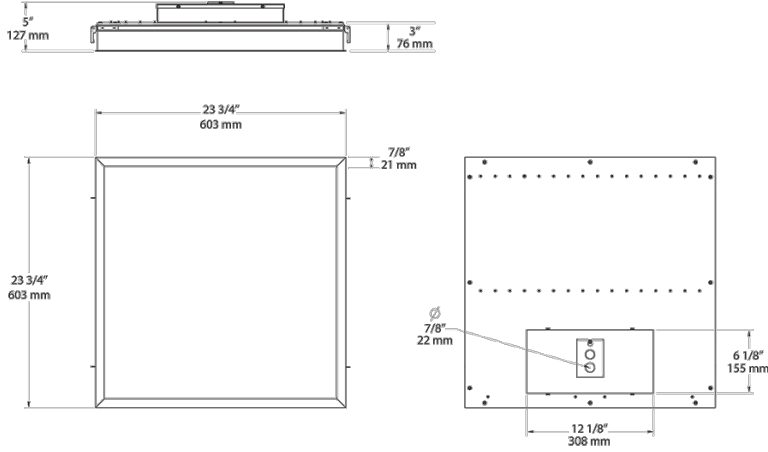
This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

PANEL2X2-52N/E2

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	Battery Backup
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	/E2 = 120-277V Backup