



<b>Project:</b>	<b>Type:</b>
<b>Prepared By:</b>	<b>Date:</b>

Driver Info		LED Info	
Type:	Constant Current	Watts:	41W
120V:	0.32A	Color Temp:	3500K
208V:	0.20A	Color Accuracy:	82 CRI
240V:	0.17A	L70 Lifespan:	100000
277V:	0.15A	Lumens:	4,878
Input Watts:	38W	Efficacy:	127 LPW
Efficiency:	N/A		

**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, 800mA, Power factor 99.4%.

**THD:**

6.6% at 120V, 9.9% at 277V

**Power Factor:**

99.6% at 120V, 92.2% 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 PANEL2x2-41/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:**

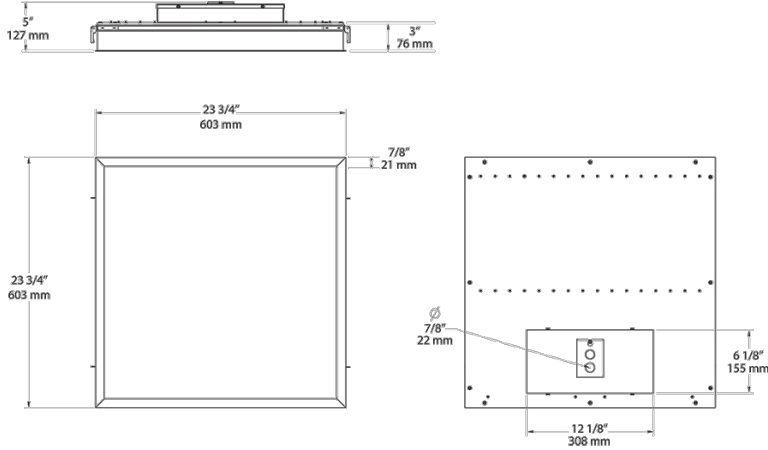
This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

**GSA Schedule:**

Suitable in accordance with FAR Subpart 25.4.

# PANEL2X2-41YN/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