PANEL2X2-41N/LC

RAB LIGHTING

Project:	Type:
Prepared By:	Date:

Driver Info

Type:	Constant Current
120V:	0.33A
208V:	0.202A
240V:	0.175A
277V:	0.152A
Input Watts:	38W
Efficiency:	N/A

LED Info

Watts:	41W
Color Temp:	4000K
Color Accuracy:	83 CRI
L70 Lifespan:	100000
Lumens:	4,823
Efficacy:	126 LPW

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. Includes built in support for Lightcloud, a wireless lighting control system and service, fully developed by RAB.

Color: White   Weight: 21.0 lbs

Technical Specifications

Lightcloud

Lightcloud Installed:

Lightcloud is a commercial wireless lighting control system and service fully developed and supported by RAB. It's powerful and flexible, yet easy to use and install.

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.

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: P0000178J

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, and RoHS compliant.

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.

Electrical

Driver:

Constant Current, Class 2, 100-277V, 50/60Hz, 4KV Surge Protection, 800mA, Power factor 99.4%.

Optical

Fixture Efficacy:

80 Lumens per Watt

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).
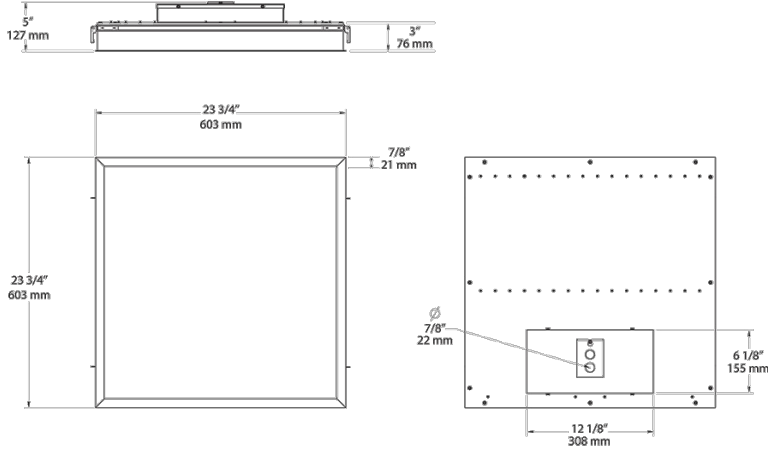
Trade Agreements Act Compliant:

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.

Need help? Tech help line: **(888) RAB-1000** Email: **sales@rabweb.com** Website: **www.rabweb.com**

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Dimensions

5" 127 mm
3" 76 mm
23 3/4" 603 mm
7/8" 21 mm
23 3/4" 603 mm
⌀ 7/8" 22 mm
6 1/8" 155 mm
12 1/8" 308 mm

Features

High-transmission acrylic lens provides excellent distribution and uniformity

UL Listed for damp locations

5-year warranty

Built in support Lightcloud™

Easy setup - simply power on, confirm device connectivity and call 844-LIGHTCLOUD

Ordering Matrix

Family	Size	Watts	Color Temp	Dimming	Lightcloud
PANEL	2X2	41	N		/LC
	2X2 = 2' x 2'	**34** = 34W	**Y** = 3000K (Warm)	**Blank** = No Dimming	**/LC** = Lightcloud
		41 = 41W	**YN** = 3500K (Warm Neutral)	**/D10** = Dimmable	
		52 = 52W	**N** = 4000K (Neutral)		