

PANEL2X4-44N/E2

2' x 4' 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

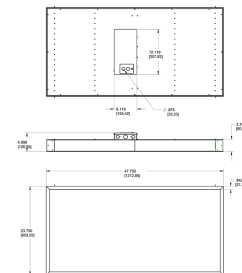
Weight: 34.0 lbs

LED Info

Watts: 44W
 Color Temp: 4000K (Neutral)
 Color Accuracy: 82
 L70 Lifespan: 100000
 LM79 Lumens: 4778
 Efficacy: 106 LPW

Driver Info

Type: Constant Current
 120V: 0.37A
 208V: 0.25A
 240V: 0.22A
 277V: 0.19A
 Input Watts: 45W
 Efficiency: 98%



Technical Specifications

UL Listing:

Suitable for damp locations. Recommended for indoor use only.

IC Rating:

Suitable for insulated ceilings.

Emergency Battery Backup:

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

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.

Drivers:

Two (2) Constant Current, Class 2, 100-277V, 50/60Hz, 4kV Surge Protection, 450mA, 100-277V: 0.4A, Power Factor 99.2%

THD:

12% 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 PANEL2x4-44/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.



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.