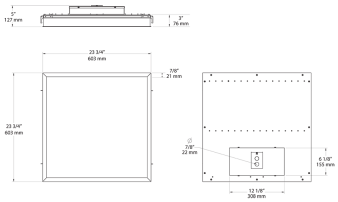
PANEL2X2-52YN/D10/E2

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



LED Info

Watts:	52W
Color Temp:	3500K
Color Accuracy:	84
L70 Lifespan:	100000
LM79 Lumens:	4578
Efficacy:	85 LPW

Driver Info

Type:	Constant Current
120V:	0.45A
208V:	0.26A
240V:	0.23A
277V:	0.20A
Input Watts:	54W
Efficiency:	97%

Technical Specifications

PANEL2X2-52 with Dimmable Driver:
Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims as low as 10%.

UL Listed:
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.

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.

Driver:
Constant Current, Class 2, 100-277V, 50/60Hz, 4KV Surge Protection, 1050mA, 100-277V 0.8A, Power factor 99.4%, 0-10V Dimming 10%-100%.

THD:
7.1% 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.

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:
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.

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.

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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.

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