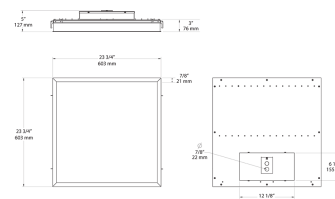# PANEL2X2-52N

LED panel lights are an easy way to dramatically drop energy consumption in office spaces, reducing wattage by 31 - 64%, and utility rebates are readily available of up to $100 per fixture.

Color: Gloss white   Weight: 21.0 lbs

LED Info

Watts:	52W
Color Temp:	4000K
Color Accuracy:	84
L70 Lifespan:	100000
LM79 Lumens:	3,801
Efficacy:	76 LPW

Driver Info

Type:	N/A
120V:	0.43A
208V:	0.256A
240V:	0.222A
277V:	0.192A
Input Watts:	50W
Efficiency:	104%

Technical Specifications

UL Listed:
Suitable for damp locations.

IC Rating:
Suitable for insulated ceilings.

Lumen Maintenance:
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, THD≤ 20%, Power factor 99%.

Lens:
High-transmission acrylic lens with excellent distribution and uniformity.

Correlated Color Temp. (Nominal CCT):
4000K.

Color Consistency:
3-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color.

Housing:
Lightweight housing is constructed of extruded aluminum.

Fixture Efficacy:
76 Lumens per Watt.

Color Accuracy (CRI):
84 CRI.

Finish:
High-reflectance (91%) powder coat applied post production for a more durable finish.

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:
PANELS complies with California Title 24 building and electrical codes.

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.

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. See our full warranty .

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.