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|---------------------|--------------|
| Project: | Type: |
| Prepared By: | Date: |

| Driver Info | | LED Info | |
|--------------|------------------|-----------------|---------|
| Type: | Constant Current | Watts: | 52W |
| 120V: | 0.43A | Color Temp: | 3500K |
| 208V: | 0.256A | Color Accuracy: | 82 CRI |
| 240V: | 0.222A | L70 Lifespan: | 100000 |
| 277V: | 0.192A | Lumens: | 6,320 |
| Input Watts: | 50W | Efficacy: | 125 LPW |
| Efficiency: | N/A | | |

Technical Specifications

Electrical

Dimming Driver:

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

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:

6.3% at 120V, 9.5% at 277V

Power Factor:

99.3% at 120V, 94.3% at 277V

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: PGMQHUFC

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.

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:

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.

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:

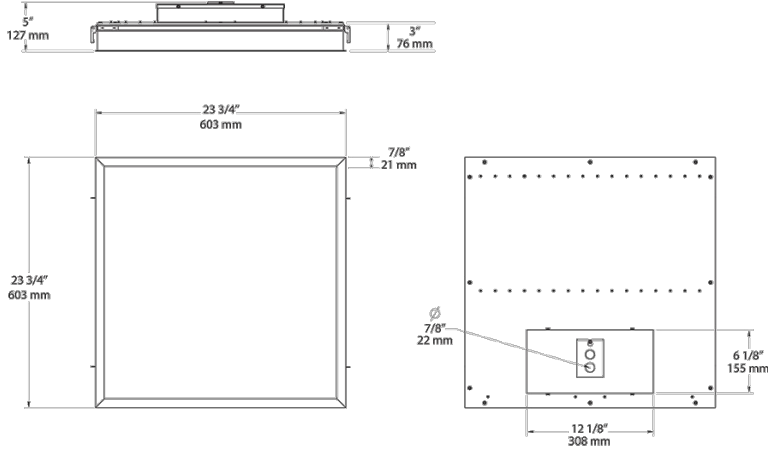
This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

PANEL2X2-52YN/D10

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 |
|--------|---------------|----------------------------------|--|---------------------------------------|
| 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 |