



Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type:	Constant Current	Watts:	52W
120V:	0.43A	Color Temp:	4000K
208V:	0.26A	Color Accuracy:	83 CRI
240V:	0.23A	L70 Lifespan:	100000
277V:	0.19A	Lumens:	6,181
Input Watts:	50W	Efficacy:	125 LPW
Efficiency:	N/A		

Technical Specifications

Listings

UL Listing:

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: P552R7Q7

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.

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.

Green Technology:

Mercury and UV free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

Electrical

Emergency Battery Backup:

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

Driver:

Constant Current, Class 2, 100-277V, 50/60Hz, 4kV Surge Protection, 1050mA, 100-277V: 0.4A, Power Factor 99.5%

THD:

6.8% at 120V, 9.0% at 277V

Power Factor:

99.4% at 120V, 94.0% at 277V

LED Characteristics

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.

Color Consistency:

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

Other

California Title 24:

See PANEL1x4-52/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.

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:

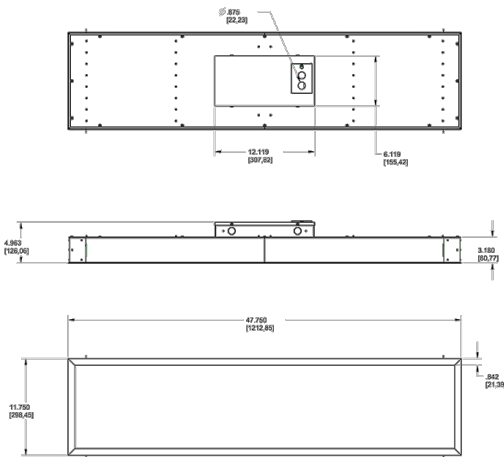
Suitable in accordance with FAR Subpart 25.4.

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.

PANEL1X4-52N/E2

Dimensions



Features

- Up to 60% savings on energy costs
- High-reflectance (91%) powder coat applied post fabrication for a more durable finish
- Ultra-smooth diffusion lens creates uniform light, edge to edge, for evenly lit spaces
- Emergency battery backup to provide emergency lighting when power is lost
- 100,000-hour LED Lifespan
- 5-year warranty

Ordering Matrix

Family	Size	Watts	Color Temp	Dimming	Battery Backup
PANEL	1X4 = 1' x 4'	34 = 34W 41 = 41W 52 = 52W	Y = 3000K (Warm) YN = 3500K (Warm Neutral) N = 4000K (Neutral)	Blank = No Dimming /D10 = Dimmable	/E2 = 120-277V Backup