ARBAY2-125/8CP2

RAB LIGHTING

Project:	Type:
Prepared By:	**Date:**

Driver Info

Type:	Constant Current
120V:	N/A
208V:	0.65A
240V:	0.56A
277V:	0.46A
Input Watts:	128W
Efficiency:	97%

LED Info

Watts:	125W
Color Temp:	5000K
Color Accuracy:	84 CRI
L70 Lifespan:	50000
Lumens:	17462
Efficacy:	136 LPW

This economical linear high-bay delivers versatility and ultra-high efficiency. Available in 90, 125, 175 and 260 Watt versions for mounting heights ranging from 15 to 50 feet.

Color: White   Weight: 16.5 lbs

Technical Specifications

Listings

UL Listing:

Suitable for damp locations.

IESNA LM-79 & LM-80 Testing:

RAB LED luminaries 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.

LED Characteristics

Lifespan:

50,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

LEDs:

Long-life, high-efficiency, surface mount LEDs

Replacement:

125W replaces up to (6) F32T8, (4) F54T5 or 400W HID.

Color Stability:

LED color temperature is warrantied to shift no more than 200K in CCT over a 5 year period.

Color Uniformity:

RAB's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2015.

Electrical

Driver:

Constant Current, Class 2, 120-277V, 50/60Hz, 120V: 1.09A, 208V: 0.65A, 240V: 0.56A, 277V 0.46A

THD:

7.6% at 120V, 8.1% at 277V

Power Factor:

99.5% at 120V, 96.5% at 277V

Surge Protection:

4kV

Construction

Operating Temperature:

-20°C (-45°F) - 55°C (131°F)

Housing:

Die formed painted steel

Lens:

Diffused Polymethyl Methacrylate (PMMA)

Mounting:

V hooks and optional pendant mounting

Cord & Plug:

8 ft. cord and NEMA 7-15P plug for 277V only.

Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contain 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.

Other

5 Yr Limited Warranty:

RAB warrantees fixture operation and paint finish for a period of 5 years.

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.
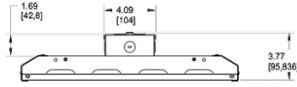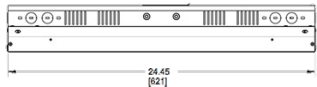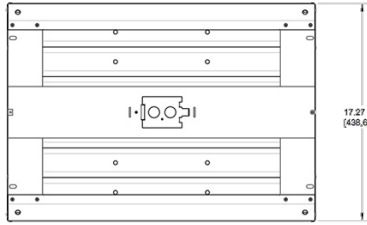
Recovery Act (ARRA) Compliant:

This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

ARBAY2-125/8CP2

RAB LIGHTING

Dimensions

17.27 [438,6]

1.69 [42,6]   4.09 [104]   3.77 [95,836]

24.45 [621]

Features

High efficiency. Low price.

Rated for high ambient environments up to 55° C

Available with factory-installed Lightcloud controls

Ideal for industrial warehouse spaces

50,000 hour LED lifespan

5-year limited warranty

Ordering Matrix

Family	Length	Wattage	Color Temp	Voltage	Control Options	Battery Backup	Cord & Plug
ARBAY	2	125					/8CP2
	2 = 2 ft. **4** = 4 ft/	**90** = 90W **125** = 125W **175** = 175W **260** = 260W	**Blank** = 5000K (Cool) **N** = 4000K (Neutral)	**Blank** = 120-277V **/480** = 480V	**Blank** = No Control Option **/LCS** = LCHBSENSE w/ mounting arm (120V - 277V) **/LOS** = LOSBAY800 w/ mounting arm (480V not available) **/LC** = Lightcloud (120V - 277V)	**Blank** = No Battery Backup **/E2** = Battery Backup (120V - 277V)	**Blank** = No cord and plug **/8C** = 8 ft. cord, no plug **/8CP** = 8 ft. cord & straight plug, 120V **/8CP2** = 8 ft. cord & straight plug, 277V **/8CPT2** = 8 ft. cord & twistlock, 277V **/8CPT4** = 8 ft. cord & twistlock, 480V