ARBAY2-90/LOS

RAB LIGHTING

Project:	Type:
Prepared By:	Date:

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: 14.2 lbs

Driver Info

Type:	Constant Current
120V:	0.75A
208V:	0.45A
240V:	0.39A
277V:	0.32A
Input Watts:	88W
Efficiency:	N/A

LED Info

Watts:	90W
Color Temp:	5000K
Color Accuracy:	84 CRI
L70 Lifespan:	50000
Lumens:	11812
Efficacy:	134 LPW

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:

90W replaces up to (4) F32T8, (3) F54T5 or 250W 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: 0.75A, 208V: 0.45A, 240V: 0.39A, 277V 0.32A

THD:

6.8% at 120V, 8.3% at 277V

Power Factor:

99.6% at 120V, 96.9% 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

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

LOSBAY800 Sensor:

360° White Lens (Installed) - 60 ft. diameter when mounted at 40 ft., Aisle Black Lens (included as option) - 60 ft. x 20 ft. wide.

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.
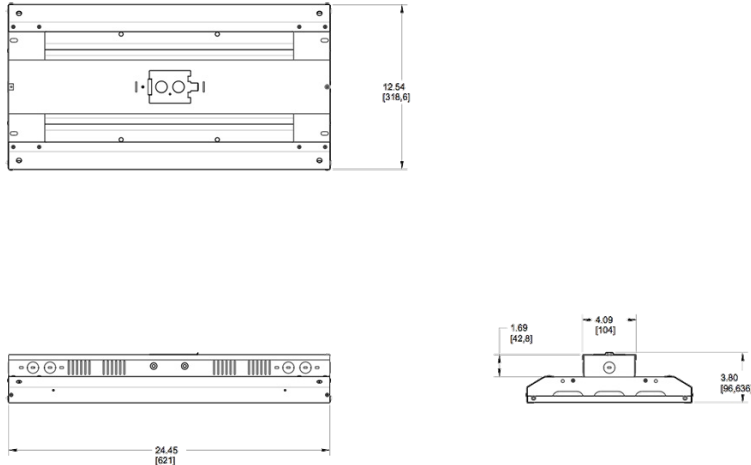
Recovery Act (ARRA) Compliant:

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.

Need help? Tech help line: **(888) RAB-1000** Email: **sales@rabweb.com** Website: **www.rabweb.com**

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Dimensions

12.54 [318,6]

1.69 [42,8]   4.09 [104]

3.80 [96,636]

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	90			/LOS		
	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

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