# ARBAY2-90N/8CP





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: 13.2 lbs

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info		
Type:	Constant Current	Watts:	90W	
120V:	0.75A	Color Temp:	4000K	
208V:	N/A	Color Accuracy:	84 CRI	
240V:	N/A	L70 Lifespan:	50000	
277V:	N/A	Lumens:	11798	
Input Watts:	88W	Efficacy:	133 LPW	
Efficiency:	N/A			

# **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

## Cord & Plug:

8 ft. cord and NEMA 5-15P plug for 120V 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:

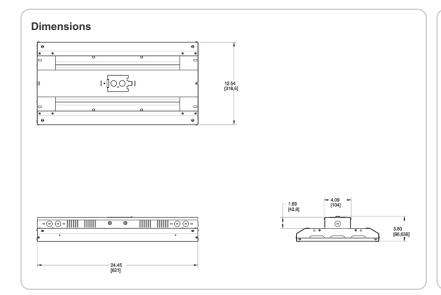
This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

## GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

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# **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

Family	Length	Wattage	Color Temp	Voltage	Control Options	Battery Backup	Cord & Plug
ARBAY	2	90	N				/8CP
	<b>2</b> = 2 ft. <b>4</b> = 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 & straigh plug, 120V /8CP2 = 8 ft. cord & straigl plug, 277V /8CPT2 = 8 ft. cord & twistlock, 277V