ARBAY2-90

Project:		Type:	
Prepared By:		Date:	

Driver Info

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

LED Info

Watts	90W
Color Temp	5000K (Cool)
Color Accuracy	84 CRI
L70 Lifespan	50,000
Lumens	11,812
Efficacy	134.2 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: 13.2 lbs

Technical Specifications

Listings

UL Listed:

Suitable for damp locations

DLC Listed:

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities.
DLC Product Code: P1FMAHUP

IESNA LM-79 & LM-80 Testing:

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

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

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 C78.377-2017.

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%.

Surge Protection:

4kV

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

Construction

Operating Temperature:

-20°C (-4°F) - 50°C (122°F)

Housing:

Die formed painted steel

Lens:

Diffused Polymethyl Methacrylate (PMMA)

Mounting:

V hooks and optional pendant mounting. AEROBAY™ comes with two 42" chains.

Finish:

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

Green Technology:

Mercury and UV free. RoHS-compliant components.

Other

Replacement:

90W replaces up to (4) F32T8, (3) F54T5 or 250W HID

Technical Specifications (continued)
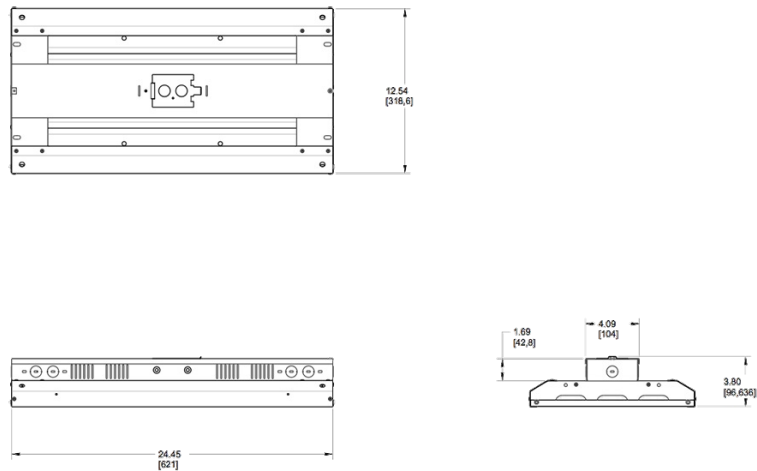
Other

5 Yr Limited Warranty:

The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at www.rablighting.com/legal#warranty

Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Dimensions

12.54 [318,6]

24.45 [621]

1.69 [42,8]

4.09 [104]

3.80 [96,636]

Features

High efficiency. Low price.

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					
	2 = 2 ft.		**90 =** 90W	**Blank =** 5000K (Cool)	**Blank =** 120-277V	**Blank =** No Control Option	**Blank =** No Battery Backup	**Blank =** No cord and plug
	4 = 4 ft.		**125 =** 125W	**N =** 4000K (Neutral)	**/480 =** 480V	**/LCS =** LCHBSENSE w/ mounting arm	**/E2 =** Battery Backup	**/8C =** 8 ft. cord, no plug
			175 = 175W			**/LOS =** LOSBAY800 w/ mounting arm		**/8CP =** 8 ft. cord & straight plug, 120V
			260 = 260W			**/LC =** Lightcloud®		**/8CP2 =** 8 ft. cord & straight plug, 277V
								/8CPT2 = 8 ft. cord & Twistlock, 277V
								/8CPT4 = 8 ft. cord & Twistlock, 480V

Need help? Tech help line: **(888) 722-1000** Email: **custserv@rablighting.com** Website: **www.rablighting.com**

Copyright © 2019 RAB Lighting Inc. All Rights Reserved   Note: Specifications are subject to change at any time without notice

Page 2 of 2