ARBAY2-90/LOS/E2

RAB | Indoor

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: 25.2 lbs

Driver Info

Type	Constant Current
120V	0.75A
208V	0.45A
240V	0.39A
277V	0.32A
Input Watts	88.00W
Efficiency	N/A

LED Info

Watts	90.00W
Color Temp	5000K (Cool)
Color Accuracy	84 CRI
L70 Lifespan	50,000
Lumens	11,812
Efficacy	134.2 LPW

Technical Specifications

Listings

UL Listed:

Suitable for damp locations

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.

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

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 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

Driver:

Constant Current, Class 2, 120-277V, 50/60Hz, 120V: 0.75A, 208V: 0.45A, 240V: 0.39A, 277V 0.32A

Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims as low as 10%.

THD:

6.8% at 120V, 8.3% at 277V

Power Factor:

99.6% at 120V, 96.9% at 277V

Surge Protection:

4kV

Battery Backup:

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

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.
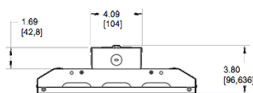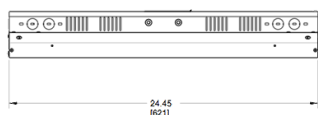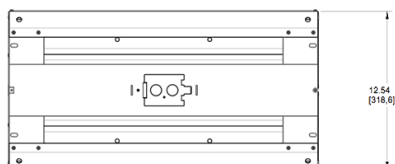
5 Yr Limited Warranty:

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 rablighting.com/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

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			/LOS	/E2	
	2 = 2 ft.		**90 =** 90W	**Blank =** 5000K	**Blank =**	**Blank =** No Control Option	**Blank =** No Battery	**Blank =** No cord and
	4 = 4 ft.		**125 =** 125W	(Cool)	120-277V	**/LCS =** LCHBSENSE w/	Backup	plug
			175 = 175W	**N =** 4000K	**/480 =** 480V	mounting arm [1]	**/E2 =** Battery	**/8C =** 8 ft. cord, no
			260 = 260W	(Neutral)		**/LOS =** LOSBAY800 w/	Backup	plug
						mounting arm [1]		**/8CP =** 8 ft. cord &
						/LC = Lightcloud® [1]		straight plug, 120V
								/8CP2 = 8 ft. cord &
								straight plug, 277V
								/8CPT2 = 8 ft. cord &
								Twistlock, 277V
								/8CPT4 = 8 ft. cord &
								Twistlock, 480V [2]

[1] For 120V-277V use only.
[2] Can not be combined with any of the control options.