

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info			
Туре	Constant Current	Watts	95W		
120V	0.81A	Color Temp	5000K (Cool)		
208V	N/A	Color Accuracy	83 CRI		
240V	N/A	L70 Lifespan	100,000 Hours		
277V	N/A	Lumens	13,931 lm		
Input Watts	95.5W	Efficacy	145.9		

Technical Specifications

Compliance

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. Designed to meet DLC 5.1 requirements.

DLC Product Code: PI2IJL0D

Performance

Lifespan:

100,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

LED Characteristics

LEDs:

Multi-chip, high-output, long-life LEDs

Color Uniformity:

RAB's range of 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.

Construction

Operating Temperature:

-20°C (-4°F) to 50°C (122°F)

Housing:

22 gauge die formed with white powder coat finish. Y Hooks included for easy chain or cable mounting.

Reflector:

White painted, reflective, die formed painted steel

Lens:

Polycarbonate lens

Mounting:

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

Cord & Plug:

8 ft cord and NEMA L5-15P twistlock plug for 120V only.

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.

Electrical

Driver:

Class 2, Constant Current, 120-277V, 50/60 Hz, 120V: 0.81A, 208V: 0.48A, 240V: 0.41A, 277V: 0.36A

THD:

4.09% at 120V, 9.01% at 277V

Power Factor:

99.8% at 120V, 96.7% at 277V

Battery Backup:

Battery backup will operate the fixture for 90 minutes if power fails. Wired for 120-277V.

Battery Backup Light Loss Factor:

0.25

Surge Protection:

2.5kV

For areas prone to surges, upgrade to 10kV surge protection available

Other

Replacement:

Replaces 6-lamp T8 or 250W MH

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 <u>rablighting.com/warranty</u>.

ARBAY2-95/PIR/E2/8CPT



Technical Specifications (continued)

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.

Sensor Specifications

Passive Infrared Occupancy and Daylight Sensor:

PIR sensor with IR remote capability. High/Low bay passive infrared occupancy and daylight sensor.

UL Listed:

Indoor use only

Operating Temperature:

32°F to 158°F (0°C to 70°C)

Operating Humidity:

5% to 96%, noncondensing

Line Voltage:

LineVage for direct connection to load

Voltage:

120, 277, 347V, 60Hz or 230V, single phase, 50Hz operation

Power Consumption:

0.2W

Maximum Versatility:

Adjustable time delay and sensitivity Adjustable hold-off daylighting level

Weight:

6.4 oz (181 g)

Hardware:

UL listed snap-in mounting hardware

Mounting:

Easy mounting using knockout at end of linear high bay luminaire

Lens:

Lens (attached) designed for mounting heights from 15 to 40 feet

Rotatable Mask:

Snap-on rotatable mask for aisleway applications (included)

Coverage:

Covers a 100-foot diameter area whem mounted at height of 40 feet

Factory Default:

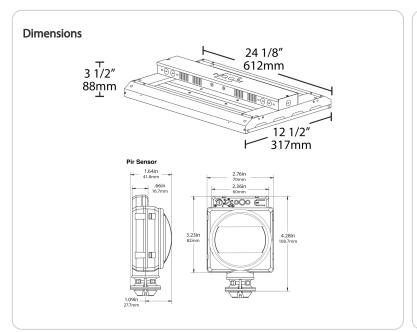
15 minutes time delay Max sensitivity 300 footcandle light level

Handheld Wireless Configuration Tool:

Adjust settings using handheld wireless configuration tool (catalog# WSREM). Only available with 0-10V dimming driver options. <u>Handheld</u> wireless configuration tool available here.

ARBAY2-95/PIR/E2/8CPT





Features

High efficiency. Low price.

Ideal for industrial warehouse spaces

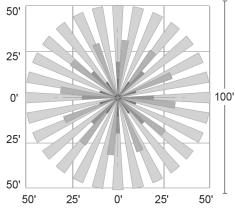
100,000 hour LED lifespan

5-Year, limited warranty

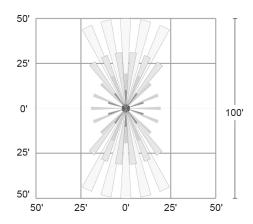
Coverage Pattern



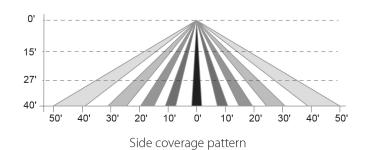
Coverage Pattern



Top coverage pattern



Top coverage pattern with mask





Ordering Matrix										
Family	Length		Wattage	Color Temp	Voltage	Control Options	Emergency Options	Other Options		
ARBAY	2	-	95			/PIR	/E2	/8CPT		
	2 = 2 ft		95 = 95W 120 = 120W 145 = 145W 160 = 160W	Blank = 5000K Cool N = 4000K Neutral	Blank = 120-277V, 0-10V Dimming /480 = 480V, 0-10V Dimming	Blank = No Options /PIR = 120-277V, Passive Infrared Occupancy Sensor /LC = Lightcloud® Control /LCS = 120-277V, Lightcloud® Motion Sensor	Blank = No Options /E2 = 120-277V, Battery	Blank = No Options /SP10 = 10kV Surge Protection /8C = 8' Cord only ² /8CP = 8' Cord, Straight Blade Plug 120V, NEMA 5-15P ³ /8CP2 = 8' Cord, Straight Blade Plug 277V, NEMA 7-15P ³ /8CPT = 8' Cord, Twistlock Plug 120V, NEMA L5-15P ³ /8CPT2 = 8' Cord, Twistlock Plug 277V, NEMA L7-15P ³ /8CPT4 = 8' Cord, Twistlock Plug 277V, NEMA L7-15P ³ /8CPT4 = 8' Cord, Twistlock Plug 480V, NEMA L8-20P ³		
			2			cord and plug dimming is not por cable will be used to make din				
				,		T2, 8CPT4) models 0-10V dimmin				