

| Project: | Туре: |
|--------------|-------|
| Prepared By: | Date: |

| Driver Info | | LED Info | | |
|-------------|------------------|----------------|-----------------|--|
| Type | Constant Current | Watts | 315W | |
| 120V | 2.56A | Color Temp | 4000K (Neutral) | |
| 208V | N/A | Color Accuracy | 84 CRI | |
| 240V | N/A | L70 Lifespan | 100,000 Hours | |
| 277V | N/A | Lumens | 44,886 lm | |
| Input Watts | 315.7W | Efficacy | 142.2 | |
| | | | | |

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: P9DF8VZQ

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 straight blade 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: 2.56A, 208V: 1.50A, 240V: 1.30A, 277V: 1.13A

THD:

3.34% at 120V, 6.82% at 277V

Power Factor:

99.9% at 120V, 96% at 277V

Surge Protection:

2.5kV

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

Other

Replacement:

Replaces 750W 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>

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.

ARBAY4-315N/PIR/8CP



Technical Specifications (continued)

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:

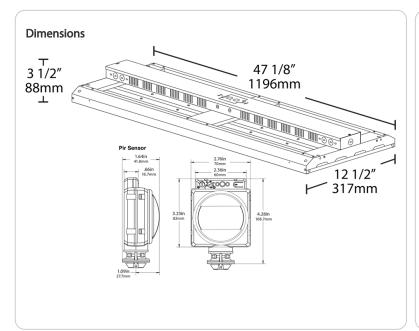
15 minutes time delay Max sensitivity 300 footcandle light level

Handheld Wireless Configuration Tool:

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

ARBAY4-315N/PIR/8CP





Features

High efficiency. Low price.

Ideal for industrial warehouse spaces

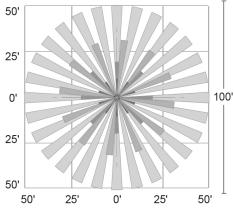
100,000 hour LED lifespan

5-Year, limited warranty

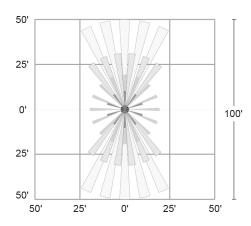
Coverage Pattern



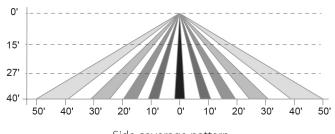
Coverage Pattern



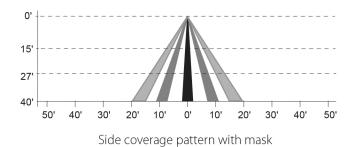
Top coverage pattern



Top coverage pattern with mask



Side coverage pattern



Need help? Tech help line: **(888) 722-1000** Email: **sales@rablighting.com** Website: **www.rablighting.com**Copyright © 2023 RAB Lighting All Rights Reserved Note: Specifications are subject to change at any time without notice



| rdering Matrix | | | | | | | | | |
|----------------|-----------------|--------------------------|---|---|--|--|--|--|--|
| Family | Length | Wattage | Color Temp | Voltage | Control Options | Emergency Options | Other Options | | |
| ARBAY | 4 - | 315 | N | | /PIR | | /8CP | | |
| | 4 = 4 ft | 315 = 315W 360 = 360W | 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 1 | 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 480V, NEMA L8-20P ³ | | |
| | | _ | | • | cord and plug dimming is not po | | | | |
| | | | | | cable will be used to make dimn | J. | | | |
| | | 3 F | or cord and plug (| 8CP, 8CP2, 8CPT, 8CPT2 | 2, 8CPT4) models 0-10V dimming | is not possible | | | |