

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

| Driver Info |) | LED Info | | |
|-------------|------------------|----------------|-----------------|--|
| Туре | Constant Current | Watts | 160W | |
| 120V | 1.32A | Color Temp | 4000K (Neutral) | |
| 208V | 0.77A | Color Accuracy | 84 CRI | |
| 240V | 0.67A | L70 Lifespan | 100,000 Hours | |
| 277V | 0.58A | Lumens | 22,872 lm | |
| Input Watts | 159.1W | Efficacy | 143.8 | |
| | | | | |
| | | | | |

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: P9D1NV0P

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.

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: 1.32A, 208V: 0.77A, 240V: 0.67A, 277V: 0.58A

THD:

4.83% at 120V, 6.87% at 277V

Power Factor:

99.8% at 120V, 97.2% 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:

0.159

Surge Protection:

10kV

Other

Replacement:

Replaces 8-lamp T8, 6-lamp T5HO, or 400W 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.

ARBAY2-160N/PIR/E2/SP10



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:

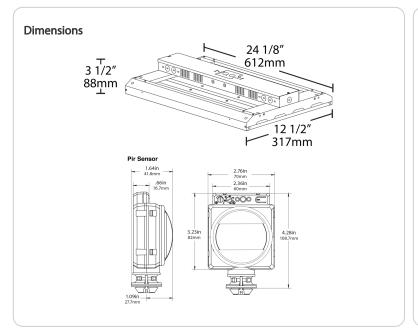
15 minutes time delay Max sensitivity 300 footcandle light level

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>

ARBAY2-160N/PIR/E2/SP10





Features

High efficiency. Low price.

Ideal for industrial warehouse spaces

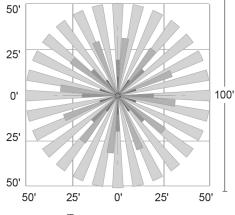
100,000 hour LED lifespan

5-Year, limited warranty

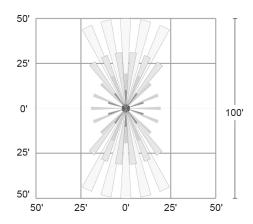
Coverage Pattern



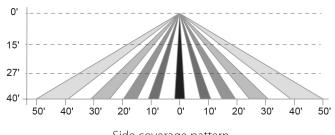
Coverage Pattern



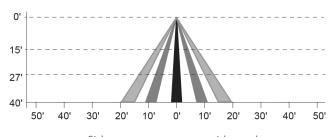
Top coverage pattern



Top coverage pattern with mask



Side coverage pattern



Side coverage pattern with mask



| Ordering Matrix | | | | | | | | | | |
|---|-----------------|--|---|---|--|---|--|--|--|--|
| Family | Length | Wattage | Color Temp | Voltage | Control Options | Emergency Options | Other Options | | | |
| ARBAY | 2 | - 160 | N | | /PIR | /E2 | /SP10 | | | |
| | 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 480V, NEMA L8-20P ³ | | | |
| ¹ For battery backup models with cord and plug dimming is not possible | | | | | | | | | | |
| ² For cord only (8C) models, a 5 conductor cable will be used to make dimming possible ³ For cord and plug (8CP, 8CP2, 8CPT, 8CPT2, 8CPT4) models 0-10V dimming is not possible | | | | | | | | | | |