

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

| Driver Info | )                | LED Info       |               |  |
|-------------|------------------|----------------|---------------|--|
| Туре        | Constant Current | Watts          | 360W          |  |
| 120V        | 3.00A            | Color Temp     | 5000K (Cool)  |  |
| 208V        | 1.73A            | Color Accuracy | 83 CRI        |  |
| 240V        | 1.48A            | L70 Lifespan   | 100,000 Hours |  |
| 277V        | 1.34A            | Lumens         | 53,584 lm     |  |
| Input Watts | 373.9W           | Efficacy       | 143.3         |  |
|             |                  |                |               |  |
|             |                  |                |               |  |

# **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: PQCHVQQK

#### 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: 3.00A, 208V: 1.73A, 240V: 1.48A, 277V: 1.34A

## THD:

4.26% at 120V, 7.31% at 277V

#### **Power Factor:**

99.9% at 120V, 94.7% 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:**

0.066

#### **Surge Protection:**

2.5kV

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

#### Other

#### Replacement:

Replaces 1000W 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.

# ARBAY4-360/PIR/E2



# **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:**

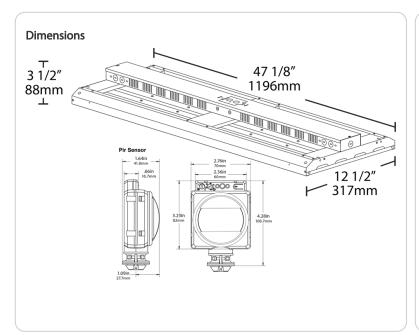
15 minutes time delay Max sensitivity 300 footcandle light level

## **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>

# ARBAY4-360/PIR/E2





# Features

High efficiency. Low price.

Ideal for industrial warehouse spaces

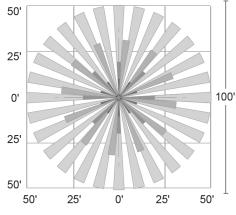
100,000 hour LED lifespan

5-Year, limited warranty

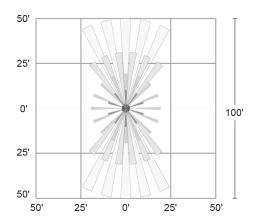
# **Coverage Pattern**



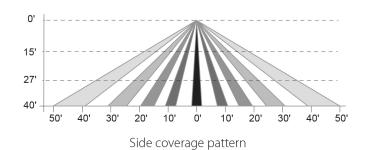
# **Coverage Pattern**

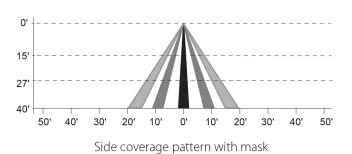


Top coverage pattern



Top coverage pattern with mask







| Ordering Matrix   |                 |   |  |   |   |  |   |  |  |  |  |
|---|-----------------|---|--|---|---|--|---|--|--|--|--|
| Family  | Length          |   | Wattage                                | Color Temp                                    | Voltage   | Control Options  | Emergency Options                             | Other Options  |  |  |  |
| ARBAY   | 4               | - | 360                                    |   |   | /PIR   | /E2   |  |  |  |  |
|   | <b>4</b> = 4 ft |   | <b>315</b> = 315W<br><b>360</b> = 360W | Blank = 5000K<br>Cool<br>N = 4000K<br>Neutral | Blank = 120-277V,<br>0-10V Dimming<br>/480 = 480V, 0-10V<br>Dimming | Blank = No Options /PIR = 120-277V, Passive Infrared Occupancy Sensor /LC = Lightcloud® Control /LCS = 120-277V, Lightcloud® Motion Sensor | Blank = No Options<br>/E2 = 120-277V, Battery | Blank = No Options /SP10 = 10kV Surge Protection /8C = 8' Cord only <sup>2</sup> /8CP = 8' Cord, Straight Blade Plug 120V, NEMA 5-15P <sup>3</sup> /8CP2 = 8' Cord, Straight Blade Plug 277V, NEMA 7-15P <sup>3</sup> /8CPT = 8' Cord, Twistlock Plug 120V, NEMA L5-15P <sup>3</sup> /8CPT2 = 8' Cord, Twistlock Plug 277V, NEMA L7-15P <sup>3</sup> /8CPT4 = 8' Cord, Twistlock Plug 480V, NEMA L8-20P <sup>3</sup> |  |  |  |
| <sup>1</sup> For battery backup models with cord and plug dimming is not possible <sup>2</sup> For cord only (8C) models, a 5 conductor cable will be used to make dimming possible |                 |   |  |   |   |  |   |  |  |  |  |
| <sup>3</sup> For cord and plug (8CP, 8CP2, 8CPT, 8CPT2, 8CPT4) models 0-10V dimming is not possible   |                 |   |  |   |   |  |   |  |  |  |  |