



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

| Driver Info |                  | LED Info       |                 |
|-------------|------------------|----------------|-----------------|
| Type        | Constant Current | Watts          | 120W            |
| 120V        | 0.97A            | Color Temp     | 4000K (Neutral) |
| 208V        | N/A              | Color Accuracy | 84 CRI          |
| 240V        | N/A              | L70 Lifespan   | 100,000 Hours   |
| 277V        | N/A              | Lumens         | 16,529 lm       |
| Input Watts | 114.2W           | Efficacy       | 144.7           |
|             |                  |                |                 |
|             |                  |                |                 |

# **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: PMQ3SJXB

#### 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.

#### Lightcloud

#### **Lightcloud Controller Installed:**

Integrated/embedded networked lighting control, luminaire-level lighting control. Fixture, Zone, and plug-load control from one powerful device. LLLC - capable of switching, 0-10Vdimming, power/energy monitoring. Can also be used to extend the range of the Lightcloud mesh network communication protocols. Offers the capability to set the maximum light output to a less-than-maximum state of an individual luminaire at the time of installation or commissioning. The High-End trim functionality is field reconfigurable via the Lightcloud mesh network communication protocols. The Lightcloud controller can be attached to the fixture, junction box, or electrical panel.

DLC system - N1XMLOEATBA Learn more about Lightcloud.

#### **Electrical**

# Driver:

Class 2, Constant Current, 120-277V, 50/60 Hz, 120V: 0.97A, 208V: 0.57A, 240V: 0.49A, 277V: 0.42A

### THD:

4.75% at 120V, 7.64% at 277V

#### **Power Factor:**

99.9% at 120V, 95.5% at 277V



## **Technical Specifications (continued)**

#### **Surge Protection:**

2.5kV

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

#### Other

#### Replacement:

Replaces 6-lamp T8, 4-lamp T5HO, or 250W MH

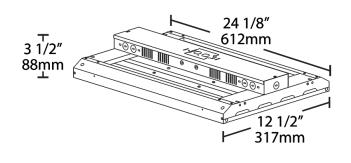
### 5 Yr Limited Warranty:

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 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.

Ideal for industrial warehouse spaces

100,000 hour LED lifespan

5-Year, limited warranty



| Ordering Matrix   |                 |  |   |   |  |   |  |  |  |  |
|---|-----------------|--|---|---|--|---|--|--|--|--|
| Family  | Length          | Wattage  | Color Temp                                    | Voltage   | Control Options  | Emergency Options   | Other Options  |  |  |  |
| ARBAY   | 2               | - 120  | N   |   | /LC  |   | /8CP   |  |  |  |
|   | <b>2</b> = 2 ft | 95 = 95W<br>120 = 120W<br>145 = 145W<br>160 = 160W | 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,<br>Battery <sup>1</sup> | 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 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, 8CPT2, 8CPT4) models 0-10V dimming is not possible |                 |  |   |   |  |   |  |  |  |  |