



Project:	Туре:
Prepared By:	Date:

Driver Info	)	LED Info	
Туре	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 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.

#### 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

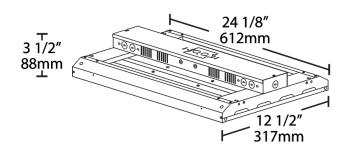
## 5 Yr Limited Warranty:

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	<b>Emergency Options</b>	Other Options			
ARBAY	2 -	120	N		/LC		/8CPT2			
	<b>2</b> = 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 <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 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, 8CPT2, 8CPT4) models 0-10V dimming is not possible										