

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info			
Type	Constant Current	Watts	95W		
120V	0.81A	Color Temp	4000K (Neutral)		
208V	N/A	Color Accuracy	84 CRI		
240V	N/A	L70 Lifespan	100,000 Hours		
277V	N/A	Lumens	13,689 lm		
Input Watts	95.3W	Efficacy	143.6		

# **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: PQDGXGOH

#### 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 L7-15P twistlock plug for 277V 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.

# 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.

## Lightcloud

#### **Lightcloud Sensor Installed:**

Occupancy, vacancy, and closed loop daylight harvesting in one versatile sensor. In addition control any fixture in your Lightcloud integrated/embedded networked lighting luminaire-level control system. LLLC - capable of switching, 0-10Vdimming, power/energy monitoring. Can also be used to extend the range of the Lightcloud mesh network communication protocols.

DLC system - N1XMLOEATBA Learn more about Lightcloud.

# **Electrical**

# Driver:

Class 2, Constant Current, 120-277V, 50/60 Hz, 120V: 0.81A, 208V: 0.48A, 240V: 0.41A, 277V: 0.36A

#### THD:

4.09% at 120V, 9.01% at 277V

# **Power Factor:**

99.8% at 120V, 96.7% at 277V

#### **Surge Protection:**

2.5kV

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



# **Technical Specifications (continued)**

# Other

#### Replacement:

**Dimensions** 

Replaces 6-lamp T8 or 250W MH

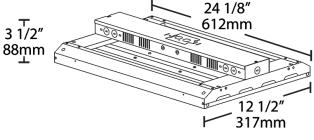
# 5 Yr Limited Warranty:

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 <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.

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#### 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 -	95	N		/LCS		/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, 8CPT, 8CPT2, 8CPT4) models 0-10V dimming is not possible										