

Project:	Туре:
Prepared By:	Date:

Driver Info)	LED Info		
Туре	Constant Current	Watts	120W	
120V	0.97A	Color Temp	4000K (Neutral)	
208V	0.57A	Color Accuracy	84 CRI	
240V	0.49A	L70 Lifespan	100,000 Hours	
277V	0.42A	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 no plug for 120-277V and 480V

Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color

Green Technology:

 $\label{thm:mercury} \mbox{Mercury and UV free. RoHS-compliant components.}$

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

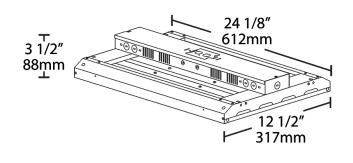
5 Yr Limited Warranty:

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		/8C			
	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 ¹	Blank = No Options /SP10 = 10kV Surge Protection /8C = 8' Cord only² /8CP = 8' Cord, Straight Blade Plug 120V, NEMA 5-15P³ /8CP2 = 8' Cord, Straight Blade Plug 277V, NEMA 7-15P³ /8CPT = 8' Cord, Twistlock Plug 120V, NEMA L5-15P³ /8CPT2 = 8' Cord, Twistlock Plug 277V, NEMA L7-15P³ /8CPT4 = 8' Cord, Twistlock Plug 277V, NEMA L7-15P³ /8CPT4 = 8' Cord, Twistlock Plug 480V, NEMA L8-20P³			
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										