

Project:	Туре:
Prepared By:	Date:

Driver Info)	LED Info		
Type	Constant Current	Watts	275W	
120V	2.25A	Color Temp	5000K (Cool)	
208V	1.30A	Color Accuracy	83 CRI	
240V	1.12A	L70 Lifespan	100,000 Hours	
277V	1.00A	Lumens	39,685 lm	
Input Watts	277.6W	Efficacy	143	

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: P6Q8WDOE

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.

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.

Electrical

Driver:

Class 2, Constant Current, 120-277V, 50/60 Hz, 120V: 2.25A, 208V: 1.30A, 240V: 1.12A, 277V: 1.0A

THD:

3.73% at 120V, 7.29% at 277V

Power Factor:

99.9% at 120V, 95.1% 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:

0.093

Surge Protection:

2.5kV

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

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.

Other

Replacement:

Replaces 8-lamp T5HO or 575W MH



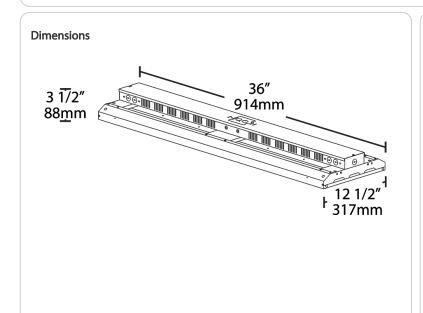
Technical Specifications (continued)

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.



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	3	- 275			/LCS	/E2				
	3 = 3 ft	215 = 215W 275 = 275W	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	Blank = No Options /SP10 = 10kV Surge Protection /8C = 8' Cord only 2 /8CP = 8' Cord, Straight Blade Plug 120V, NEMA 5-15P 3 /8CP2 = 8' Cord, Straight Blade Plug 277V, NEMA 7-15P 3 /8CPT = 8' Cord, Twistlock Plug 120V, NEMA L5-15P 3 /8CPT2 = 8' Cord, Twistlock Plug 277V, NEMA L7-15P 3 /8CPT4 = 8' Cord, Twistlock Plug 480V, NEMA L8-20P 3			
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										