ARBAY2-120/LCS/E2/8CP

RAB®

Project:		Type:
Prepared By:		Date:

Economical linear high bay delivers versatility and ultra-high efficiency. Available in 8 wattages and three sizes, for mounting heights ranging from 15 to 60 feet. Patent pending, retractable design reduces volume by up to 60% to save valuable shelf and storage space.

Color: White   Weight: 12.8 lbs

Driver Info

Type	Constant Current
120V	0.97A
208V	N/A
240V	N/A
277V	N/A
Input Watts	114.5W

LED Info

Watts	120W
Color Temp	5000K (Cool)
Color Accuracy	83 CRI
L70 Lifespan	100,000 Hours
Lumens	16,820 lm
Efficacy	146.9

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: P2EZA0YC

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: 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

Battery Backup:
Battery backup will operate the fixture for 90 minutes if power fails. Wired for 120-277V.

Battery Backup Light Loss Factor:
0.222

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

RAB

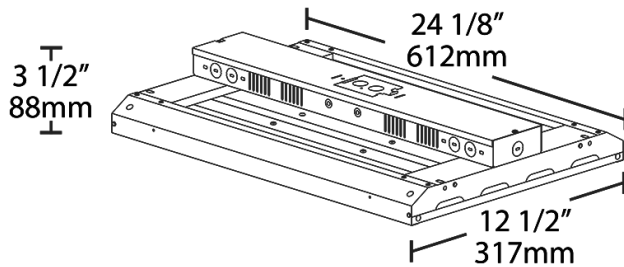## Technical Specifications (continued)

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 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

24 1/8"
612mm

3 1/2"
88mm

12 1/2"
317mm

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			/LCS	/E2	/8CP
	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 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*

Need help? Tech help line: **(888) 722-1000** Email: **sales@rablighting.com** Website: **www.rablighting.com**

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Page 3 of 3