ARBAY2-160/E2



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: 14.3 lbs

Project:	**Type:**
Prepared By:	**Date:**

Driver Info

Type	Constant Current
120V	1.32A
208V	0.77A
240V	0.67A
277V	0.58A
Input Watts	159.5W

LED Info

Watts	160W
Color Temp	5000K (Cool)
Color Accuracy	83 CRI
L70 Lifespan	100,000 Hours
Lumens	23,276 lm
Efficacy	145.9

Technical Specifications

Compliance

UL Listed:
Suitable for damp locations

IESNA LM-79 & LM-80 Testing:
RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

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: P0QH55ZN

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.

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.

Electrical

Driver:
Class 2, Constant Current, 120-277V, 50/60 Hz, 120V: 1.32A, 208V: 0.77A, 240V: 0.67A, 277V: 0.58A

THD:
3.84% at 120V, 6.36% at 277V

Power Factor:
99.9% at 120V, 97.2% 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:
0.159

Surge Protection:
2.5kV
For areas prone to surges, upgrade to 10kV surge protection available

Other

Replacement:
Replaces 8-lamp T8, 6-lamp T5HO, or 400W MH

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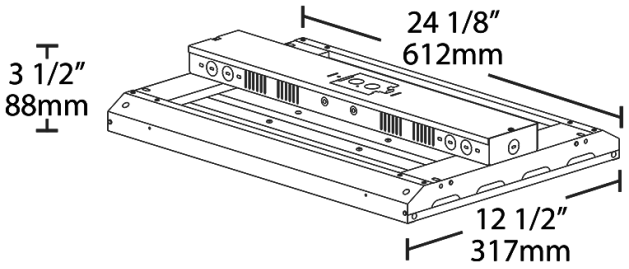
Technical Specifications (continued)

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



Features

- High efficiency. Low price.
- Ideal for industrial warehouse spaces
- 100,000 hour LED lifespan
- 5-Year, limited warranty

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Ordering Matrix

Family	Length		Wattage	Color Temp	Voltage	Control Options	Emergency Options	Other Options
ARBAY	2	–	160				/E2	
	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	**/LC =** Lightcloud Controller **/LCS =** 120-277V, Lightcloud Motion Sensor **/PIR =** 120-277V, Passive Infrared Occupancy Sensor **Blank =** No Options	**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*

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