ARBAY2-145/480/LC/8C

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: 13.9 lbs

Driver Info

Type	Constant Current
120V	N/A
208V	N/A
240V	N/A
277V	N/A
Input Watts	140.2W

LED Info

Watts	145W
Color Temp	5000K (Cool)
Color Accuracy	83 CRI
L70 Lifespan	100,000 Hours
Lumens	20,544 lm
Efficacy	146.5

Technical Specifications

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:
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, 50/60 Hz, 480V: 0.299A

THD:
5.88% at 480V

Power Factor:
98.7% at 480V

Surge Protection:
6kV

Technical Specifications (continued)

Other

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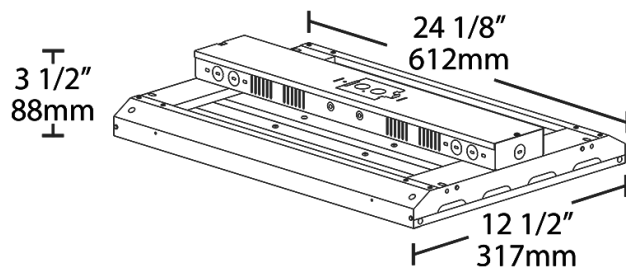
Compliance

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: P26O3Z3A

Dimensions

3 1/2"
88mm

24 1/8"
612mm

12 1/2"
317mm

Features

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

RAB®

Ordering Matrix

Family	Length		Wattage	Color Temp	Voltage	Control Options	Emergency Options	Other Options
ARBAY	2	–	145		/480	/LC		/8C

Family	Length	Wattage	Color Temp	Voltage	Control Options	Emergency Options	Other Options
	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*