ARBAY2-160/480/LC/8C

RAB

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: 13.8 lbs

Driver Info

Type	Constant Current
120V	N/A
208V	N/A
240V	N/A
277V	N/A
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

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: 0.326A

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

Power Factor:
99.9% at 120V, 97.2% at 277V

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.
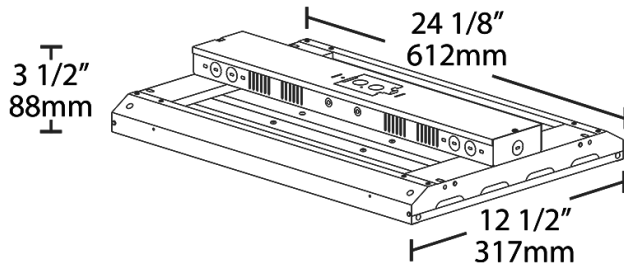
Buy American Act Compliance:
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

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: P2YC3985

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

Ordering Matrix

Family	Length		Wattage	Color Temp	Voltage	Control Options	Emergency Options	Other Options
ARBAY	2	–	160		/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*