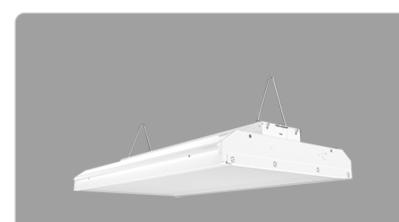
ARBAY2-145N/8CP

136.2 LPW



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

Technical Specifications

Listings

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.DLC Product Code: PFBXC1BG

LED Characteristics

Lifespan:

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

LEDs:

Multi-chip, high-output, long-life LEDs

Color Uniformity:

RAB's range of CCT (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) - 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 NEMA L5-15P straight blade plug for 120V only.

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.

Proje	ect:	Туре:			
Prep	ared By:	Date:			
Driver I	nfo	LED Info			
Туре	Constant Current	Watts	145.00W		
120V	1.22A	Color Temp	4000K (Neutral)		
208V	N/A	Color Accuracy	/ 83 CRI		
240V	N/A	L70 Lifespan	100,000		
277V	N/A	Lumens	19,852		

Electrical

Driver:

Input Watts 145.80W

Efficiency 99%

Class 2, Constant Current, 120-277V, 50/60 Hz, 120V: 1.22A, 208V: 0.71A, 240V: 0.62A, 277V: 0.53A

Efficacy

THD:

5.1% at 120V, 7.6% at 277V

Power Factor:

99.9% at 120V, 96.9% at 277V

Surge Protection:

2.5kV

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

Other

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>

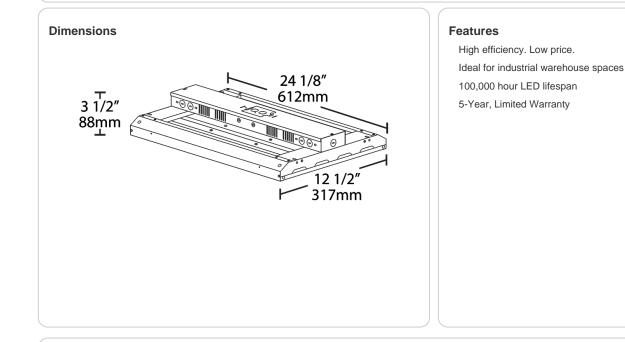
ARBAY2-145N/8CP

Technical Specifications (continued)

Other

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.



Ordering Matrix

				Voltage	Control Options	Emergency Options	Other Options
2	-	145	Ν				/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 = 120-277V, Lightcloud Control /LCS = 120-277V, Lightcloud Motion Sensor	Blank = No Options /E2 = 120-277V, Emergency 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
		² For co	rd only (8C) model	ls, a 5 conductor cabl	e will be used to make di	mming possible	
			2 = 2 ft. 95 = 95W 120 = 120W 145 = 145W 160 = 160W ² For col	2 = 2 ft. 95 = 95W 120 = 120W 145 = 145W 160 = 160W ¹ For battery back ² For cord only (8C) mode	2 = 2 ft. 95 = 95W 120 = 120W 145 = 145W 160 = 160W ¹ For battery backup models with cord a ² For cord only (8C) models, a 5 conductor cable	2 = 2 ft. 95 = 95W 120 = 120W 145 = 145W 160 = 160W ¹ For battery backup models with cord and plug dimming is not p ² For cord only (8C) models, a 5 conductor cable will be used to make di	2 = 2 ft. 95 = 95W 120 = 120W 145 = 145W 160 = 160W Blank = 5000K (Cool) N = 4000K (Neutral) Blank = No Options 120-277V, 0-10V Dimming /480 = 480V, 0-10V Dimming Blank = No Options /PIR = 120-277V, Passive Infrared Occupancy Sensor /LC = 120-277V, Lightcloud Control /LCS = 120-277V, Lightcloud Motion Blank = No Options /E2 = 120-277V, Emergency Battery ¹