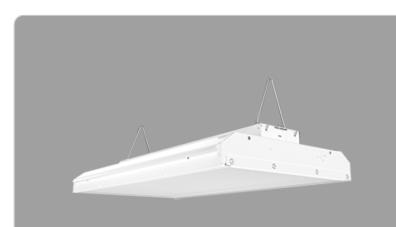
# ARBAY2-120/8CPT2

# 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

# **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

## 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 NEMA L5-15P twistlock plug for 120V only.

# Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and longlasting color

#### Green Technology:

Mercury and UV free. RoHS-compliant components.

# Electrical

#### Driver:

Class 2, Constant Current, 120-277V, 50/60 Hz, 120V: 0.97A, 208V: 0.57A, 240V: 0.49A, 277V: 0.42A

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info			
Туре	Constant Current	Watts	120W		
120V	0.97A	Color Temp	5000K (Cool)		
208V	N/A	Color Accuracy	83 CRI		
240V	N/A	L70 Lifespan	100,000 Hours		
277V	N/A	Lumens	16,820 lm		
Input Watts	114.5W	Efficacy	146.9		

**THD:** 4.75% at 120V, 7.64% at 277V

Power Factor: 99.9% at 120V, 95.5% at 277V

#### Surge Protection:

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

#### Other

Replacement: Replaces 6-lamp T8, 4-lamp T5HO, or 250W MH

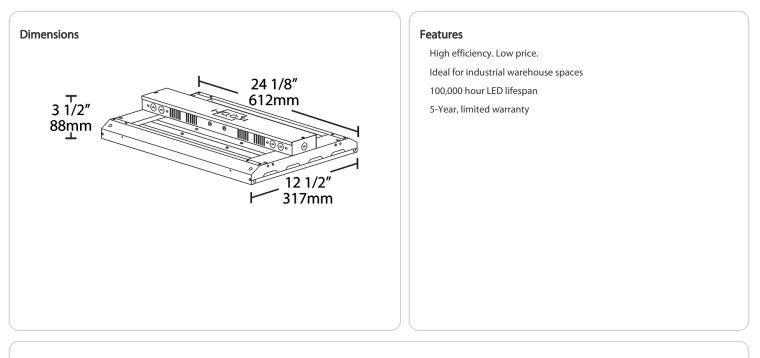
#### 5 Yr Limited Warranty:

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 <u>rablighting.com/warranty.</u>

#### **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.

# ARBAY2-120/8CPT2



# Ordering Matrix

Family	Length	Wattage	Color Temp	Voltage	Control Options	<b>Emergency Options</b>	Other Options
ARBAY	2 -	120					/8CPT2
	<b>2 =</b> 2 ft	<b>95 =</b> 95W <b>120 =</b> 120W <b>145 =</b> 145W <b>160 =</b> 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 <sup>1</sup>	Blank = No Options /SP10 = 10kV Surge Protection /8C = 8' Cord only <sup>2</sup> /8CP = 8' Cord, Straight Blade Plug 120V, NEMA 5-15P <sup>3</sup> /8CP2 = 8' Cord, Straight Blade Plug 277V, NEMA 7-15P <sup>3</sup> /8CPT = 8' Cord, Twistlock Plug 120V, NEMA L5-15P <sup>3</sup> /8CPT2 = 8' Cord, Twistlock Plug 277V, NEMA L7-15P <sup>3</sup> /8CPT4 = 8' Cord, Twistlock Plug 480V, NEMA L8-20P <sup>3</sup>
			<sup>1</sup> For batter	ry backup models with	cord and plug dimming is not	possible	
		2	For cord only (8C	) models, a 5 conducto	r cable will be used to make di	mming possible	
		<sup>3</sup> F	or cord and plug	(8CP, 8CP2, 8CPT, 8CPT	2, 8CPT4) models 0-10V dimmi	ng is not possible	