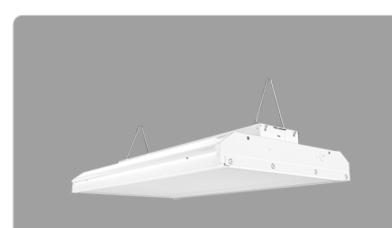
# RAB



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: PFBXC1BG

#### 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: 1.22A, 208V: 0.71A, 240V: 0.62A, 277V: 0.53A

Driver Info	LED Info		
Prepared By:	Date:		
Project:	Туре:		

Ì				
	Туре	Constant Current	Watts	145W
	120V	1.22A	Color Temp	4000K (Neutral)
	208V	N/A	Color Accuracy	84 CRI
	240V	N/A	L70 Lifespan	100,000 Hours
	277V	N/A	Lumens	20,642 lm
	Input Watts	144.8W	Efficacy	142.6

**THD:** 3.95% at 120V, 6.75% at 277V

Power Factor: 99.9% at 120V, 96.9% 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: 0.175

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

#### 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>

### **Technical Specifications (continued)**

#### 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.

#### Sensor Specifications

**Passive Infrared Occupancy and Daylight Sensor:** PIR sensor with IR remote capability. High/Low bay passive infrared occupancy and daylight sensor.

UL Listed: Indoor use only

**Operating Temperature:** 32°F to 158°F (0°C to 70°C)

**Operating Humidity:** 5% to 96%, noncondensing

Line Voltage: LineVage for direct connection to load

#### Voltage:

120, 277, 347V, 60Hz or 230V, single phase, 50Hz operation

Power Consumption: 0.2W

Maximum Versatility: Adjustable time delay and sensitivity Adjustable hold-off daylighting level

Weight:

6.4 oz (181 g)

Hardware: UL listed snap-in mounting hardware

Mounting:

Easy mounting using knockout at end of linear high bay luminaire

Lens:

Lens (attached) designed for mounting heights from 15 to 40 feet

#### **Rotatable Mask:**

Snap-on rotatable mask for aisleway applications (included)

#### Coverage:

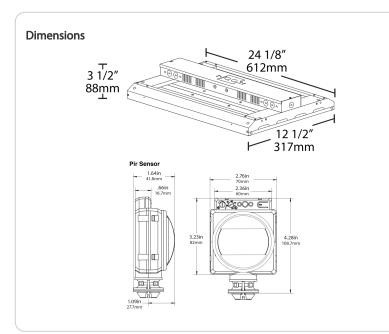
Covers a 100-foot diameter area whem mounted at height of 40 feet

#### Factory Default:

15 minutes time delay Max sensitivity 300 footcandle light level

#### Handheld Wireless Configuration Tool:

Adjust settings using handheld wireless configuration tool (catalog# WSREM). Only available with 0-10V dimming driver options. <u>Handheld</u> wireless configuration tool available here.



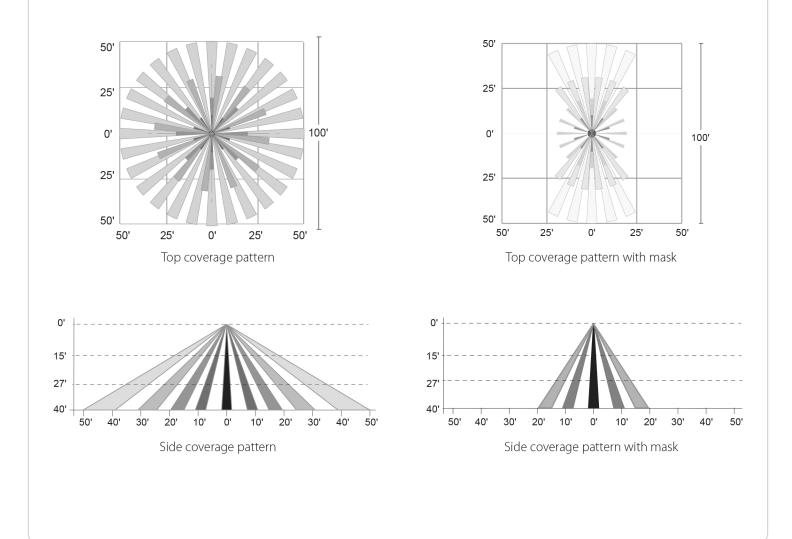
### Features

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

#### **Coverage Pattern**

# RAB

### **Coverage Pattern**



# RAB

Family	Length	Wattage	Color Temp	Voltage	Control Options	Emergency Options	Other Options
ARBAY	2 –	145	Ν		/PIR	/E2	/8CPT
	<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	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, Twistlocd Plug 277V, NEMA L7-15P <sup>3</sup> /8CPT4 = 8' Cord, Twistlocd Plug 480V, NEMA L8-20P <sup>3</sup>
			<sup>1</sup> For batter	y backup models with	cord and plug dimming is not p	oossible	