

<b>Project:</b>	<b>Type:</b>
<b>Prepared By:</b>	<b>Date:</b>

Driver Info		LED Info	
Type	Constant Current	Watts	145W
120V	N/A	Color Temp	4000K (Neutral)
208V	0.71A	Color Accuracy	84 CRI
240V	0.62A	L70 Lifespan	100,000 Hours
277V	0.53A	Lumens	20,372 lm
Input Watts	140.3W	Efficacy	145.2

**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 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.

**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, 0-10V dimming, 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, 120-277V, 50/60 Hz, 120V: 1.22A, 208V: 0.71A, 240V: 0.62A, 277V: 0.53A

**THD:**

5.88% at 480V

**Power Factor:**

98.7% at 480V

**Technical Specifications (continued)**

**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

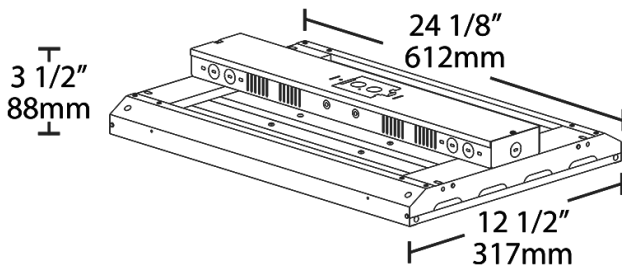
**5 Yr Limited Warranty:**

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 [rablighting.com/warranty](http://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.

**Dimensions**



**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	-	145	N		/LC		/8CP2
	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 <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 battery backup models with cord and plug dimming is not possible  
<sup>2</sup> For cord only (8C) models, a 5 conductor cable will be used to make dimming possible  
<sup>3</sup> For cord and plug (8CP, 8CP2, 8CPT, 8CPT2, 8CPT4) models 0-10V dimming is not possible