# ARBAY2-145N/8CP

**RAB**®

| Project: | Type: |
|---|---|
| Prepared By: | Date: |

## Driver Info

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

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: 13.9 lbs

## 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.

### Electrical

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

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

**Replacement:**
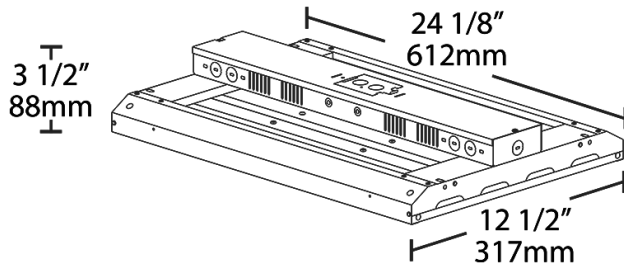Replaces 8-lamp T8, 6-lamp T5HO, or 400W MH

**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.

## Dimensions

24 1/8"
612mm

3 1/2"
88mm

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 | – | 145 | N | | | | /8CP |
| | **2 =** 2 ft | | **95 =** 95W<br>**120 =** 120W<br>**145 =** 145W<br>**160 =** 160W | **Blank =** 5000K Cool<br>**N =** 4000K Neutral | **Blank =** 120-277V, 0-10V Dimming<br>**/480 =** 480V, 0-10V Dimming | **Blank =** No Options<br>**/PIR =** 120-277V, Passive Infrared Occupancy Sensor<br>**/LC =** Lightcloud® Control<br>**/LCS =** 120-277V, Lightcloud® Motion Sensor | **Blank =** No Options<br>**/E2 =** 120-277V, Battery [1] | **Blank =** No Options<br>**/SP10 =** 10kV Surge Protection<br>**/8C =** 8' Cord only [2]<br>**/8CP =** 8' Cord, Straight Blade Plug 120V, NEMA 5-15P [3]<br>**/8CP2 =** 8' Cord, Straight Blade Plug 277V, NEMA 7-15P [3]<br>**/8CPT =** 8' Cord, Twistlock Plug 120V, NEMA L5-15P [3]<br>**/8CPT2 =** 8' Cord, Twistlock Plug 277V, NEMA L7-15P [3]<br>**/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*

Need help? Tech help line: **(888) 722-1000** Email: **sales@rablighting.com** Website: **www.rablighting.com**

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Page 2 of 2