# ARBAY2-125/LC/E2

**RAB** LIGHTING

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

This economical linear high-bay delivers versatility and ultra-high efficiency. Available in 90, 125, 175 and 260 Watt versions for mounting heights ranging from 15 to 50 feet.

Color: White          Weight: 28.2 lbs

### Driver Info

| | |
|---|---|
| Type: | Constant Current |
| 120V: | 1.09A |
| 208V: | 0.65A |
| 240V: | 0.56A |
| 277V: | 0.46A |
| Input Watts: | 128W |
| Efficiency: | 97% |

### LED Info

| | |
|---|---|
| Watts: | 125W |
| Color Temp: | 5000K |
| Color Accuracy: | 84 CRI |
| L70 Lifespan: | 50000 |
| Lumens: | 17462 |
| Efficacy: | 136 LPW |

## Technical Specifications

### Lightcloud

**Lightcloud Installed:**

Lightcloud is a commercial wireless lighting control system and service fully developed and supported by RAB. It's powerful and flexible, yet easy to use and install.

### Listings

**UL Listing:**

Suitable for damp locations.

**IESNA LM-79 & LM-80 Testing:**

RAB LED luminaries have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have received the Department of Energy "Lighting Facts" label.

### LED Characteristics

**Lifespan:**

50,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

**LEDs:**

Long-life, high-efficiency, surface mount LEDs

**Replacement:**

125W replaces up to (6) F32T8, (4) F54T5 or 400W HID.

**Color Stability:**

LED color temperature is warrantied to shift no more than 200K in CCT over a 5 year period.

**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 C78.377-2015.

### Electrical

**Driver:**

Constant Current, Class 2, 120-277V, 50/60Hz, 120V: 1.09A, 208V: 0.65A, 240V: 0.56A, 277V 0.46A

**THD:**

7.6% at 120V, 8.1% at 277V

**Power Factor:**

99.5% at 120V, 96.5% at 277V

**Surge Protection:**

4kV

**Emergency Battery Backup:**

Battery backup will operate the LED Lamp for 90 minutes if power fails. Wired for 120V-277V.

### Construction

**Operating Temperature:**

-20°C (-45°F) - 55°C (131°F)

**Housing:**

Die formed painted steel

**Lens:**

Diffused Polymethyl Methacrylate (PMMA)

### Mounting:

V hooks and optional pendant mounting

**Finish:**

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contain no VOC or toxic heavy metals.

**Green Technology:**

Mercury and UV free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

### Other

**5 Yr Limited Warranty:**

RAB warrantees fixture operation and paint finish for a period of 5 years.

**Country of Origin:**

Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

**Buy American Act Compliant:**

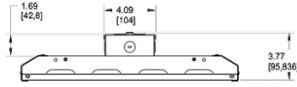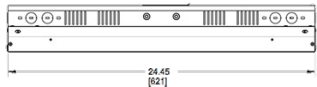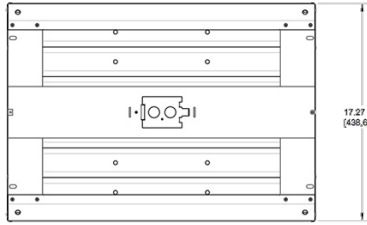This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

**Recovery Act (ARRA) Compliant:**

This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

**GSA Schedule:**

Suitable in accordance with FAR Subpart 25.4.

# ARBAY2-125/LC/E2

**RAB** LIGHTING

## Dimensions



17.27 [438,6]

1.69 [42,6]  4.09 [104]  3.77 [95,836]

24.45 [621]

## Features

High efficiency. Low price.

Rated for high ambient environments up to 55° C

Available with factory-installed Lightcloud controls

Ideal for industrial warehouse spaces

50,000 hour LED lifespan

5-year limited warranty

## Ordering Matrix

| Family | Length | Wattage | Color Temp | Voltage | Control Options | Battery Backup | Cord & Plug |
|--------|--------|---------|-----------|---------|-----------------|----------------|-------------|
| ARBAY | 2 | 125 | | | /LC | /E2 | |

| Family | Length | Wattage | Color Temp | Voltage | Control Options | Battery Backup | Cord & Plug |
|--------|--------|---------|-----------|---------|-----------------|----------------|-------------|
| | **2** = 2 ft. <br> **4** = 4 ft/ | **90** = 90W <br> **125** = 125W <br> **175** = 175W <br> **260** = 260W | **Blank** = 5000K (Cool) <br> **N** = 4000K (Neutral) | **Blank** = 120-277V <br> **/480** = 480V | **Blank** = No Control Option <br> **/LCS** = LCHBSENSE w/ mounting arm (120V - 277V) <br> **/LOS** = LOSBAY800 w/ mounting arm (480V not available) <br> **/LC** = Lightcloud (120V - 277V) | **Blank** = No Battery Backup <br> **/E2** = Battery Backup (120V - 277V) | **Blank** = No cord and plug <br> **/8C** = 8 ft. cord, no plug <br> **/8CP** = 8 ft. cord & straight plug, 120V <br> **/8CP2** = 8 ft. cord & straight plug, 277V <br> **/8CPT2** = 8 ft. cord & twistlock, 277V <br> **/8CPT4** = 8 ft. cord & twistlock, 480V |