

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

| Driver Info  |                  | LED Info        |         |
|--------------|------------------|-----------------|---------|
| Type:        | Constant Current | Watts:          | 175W    |
| 120V:        | 1.50A            | Color Temp:     | 5000K   |
| 208V:        | 0.89A            | Color Accuracy: | 84 CRI  |
| 240V:        | 0.78A            | L70 Lifespan:   | 50000   |
| 277V:        | 0.64A            | Lumens:         | 23960   |
| Input Watts: | 176W             | Efficacy:       | 136 LPW |
| Efficiency:  | 99%              |                 |         |

## Technical Specifications

### Listings

#### UL Listing:

Suitable for damp locations.

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

RAB LED luminaires 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:

175W replaces up to (8) F32T8, (6) F54T5 or 750W HID.

#### Color Stability:

LED color temperature is warranted 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: 1.50A, 208V: 0.89A, 240V: 0.78A, 277V 0.64A

#### THD:

7.4% at 120V, 8.8% at 277V

#### Power Factor:

99.5% at 120V, 96.8% 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 warrants 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.

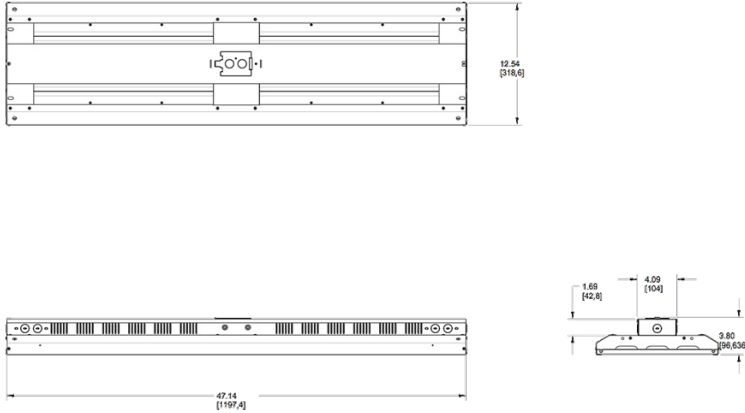
#### Recovery Act (ARRA) Compliant:

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.

## Dimensions



## 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  | 4                      | 175  |   |                                 |  | /E2   |  |
|        | 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 |