# HAYBAY100/D10/E2

**RAB** LIGHTING

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

### Driver Info

| | |
|---|---|
| Type: | Constant Current |
| 120V: | 0.87A |
| 208V: | 0.52A |
| 240V: | 0.45A |
| 277V: | 0.37A |
| Input Watts: | 103W |
| Efficiency: | 97% |

### LED Info

| | |
|---|---|
| Watts: | 100W |
| Color Temp: | 5000K |
| Color Accuracy: | 74 CRI |
| L70 Lifespan: | 100000 |
| Lumens: | 10955 |
| Efficacy: | 107 LPW |

Haybay's modular design creates a world of flexibility by keeping your base price low and letting you choose specific options like reflectors, motion sensors and emergency batteries separately.

Color: White                    Weight: 25.1 lbs

## 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.

**DLC Listed:**

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.
DLC Product Code: P9MKVB9P

### Construction

**Vibration Rating:**

Industry-leading 5G vibration rating per ANSI C136.31.

**Cold Weather Starting:**

Minimum starting temperature is -40°C (-40°F)

**Ambient Temperature:**

SuitableFor use in 40°C (104°F) ambient temperatures.

**Housing:**

Precision die-cast aluminum with sheet metal driver bracket/mounting

**Mounting:**

Heavy-duty 3/4" NPS hook and 6 ft. cord; is also 3/4" pendant mount capable (pendant by others).

**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.

### Electrical

**Emergency Battery Backup:**

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

**Drivers:**

Class 2, constant current, 50/60 Hz., 120-277V, 120V: 0.87A, 208V: 0.52A, 240V: 0.45A, 277V: 0.37A

**Dimming Driver:**

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims as low as 10%.

**THD:**

2.7% at 120V, 6.5% at 277V

**Power Factor:**

99.9% at 120V, 99.8% at 277V

**Surge Protection:**

4kV

### LED Characteristics

**LEDs:**

Long-life, high-efficiency, surface mount LEDs.

**Lifespan:**

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

**Color Uniformity:**

RAB's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for (SSL) Products, ANSI C78.377-2015.

### Other

**Reflector Options:**

Clear prismatic acrylic reflectors available in 11" or 8.5" height; frosted prismatic acrylic reflectors available in 11" or 8.5" height; white aluminum reflector available in 5" height. Click to see all reflectors.
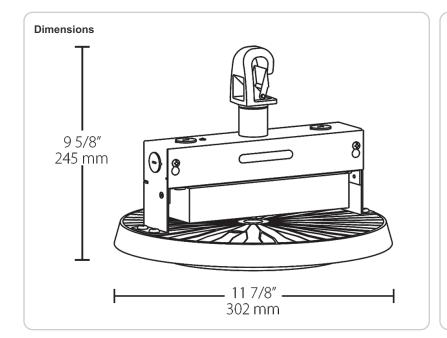
**5 Yr Limited Warranty:**

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

**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.

# HAYBAY100/D10/E2

## Dimensions



9 5/8"
245 mm

11 7/8"
302 mm

## Features

Simple. Affordable, Modular design.

Open "airflow" design reduces operating temperatures and increases lifespan

Assortment of reflectors tailor the Haybay to specific applications

Available with a Lightcloud Controller, Lightcloud Sensor and other compatible RAB sensors

## Ordering Matrix

| Family | Wattage | Color Temp | Driver | Sensor Options | Options |
|--------|---------|------------|--------|----------------|---------|
| HAYBAY | 100 | | /D10 | | /E2 |

| Wattage | Color Temp | Driver | Sensor Options | Options |
|---------|-----------|--------|----------------|---------|
| **180** = 180W | **Blank** = 5000K | **/D10** = 0-10V Dimming (standard) | **Blank** = No Sensor | **Blank** = No Emergency Battery Backup |
| **150** = 150W | **N** = 4000K | | **/LOS** = LOSBAY 800 Sensor (base fixture only) | **/E2** = Emergency Backup, 120-277V |
| **130** = 130W | | | **/LOSR** = LOSBAY 800 Sensor (requires reflector) | |
| **100** = 100W | | | **/LC** = Lightcloud®™ Controller | |
| | | | **/LCS** = Lightcloud®™ Sensor (base fixture only) | |
| | | | **/LCSR** = Lightcloud®™ Sensor (requires reflector) | |

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

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