



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

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

| Driver Info  |                  | LED Info        |         |
|--------------|------------------|-----------------|---------|
| Type:        | Constant Current | Watts:          | 180W    |
| 120V:        | 2.4A             | Color Temp:     | 4000K   |
| 208V:        | 0.92A            | Color Accuracy: | 73 CRI  |
| 240V:        | 0.8A             | L70 Lifespan:   | 100000  |
| 277V:        | 0.7A             | Lumens:         | 20961   |
| Input Watts: | 183W             | Efficacy:       | 114 LPW |
| Efficiency:  | 98%              |                 |         |

## 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: P5ZM236R

### 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:

Suitable for 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 1, programmable, constant current, 50/60 Hz., 120-277V, 120V: 2.4A, 208: 0.92A, 240V: 0.8A, 277V: 0.7A

#### 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:

5.8% at 120V, 8.4% at 277V

#### Power Factor:

99.8% at 120V, 96.1% 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 warrants 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.

## Dimensions



## 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     | 180     | N             | /D10                            |  | /E2                                 |
| 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) |                                     |