



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

Project:

Type:

Prepared By:

Date:

#### Driver Info

Type: Constant Current  
 120V: 2.4A  
 208V: 0.92A  
 240V: 0.8A  
 277V: 0.7A  
 Input Watts: 183W  
 Efficiency: 98%

#### LED Info

Watts: 180W  
 Color Temp: 4000K  
 Color Accuracy: 73 CRI  
 L70 Lifespan: 100000  
 Lumens: 20961  
 Efficacy: 114 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 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° F (-40° C)

#### Ambient Temperature:

Suitable for use in 104° F (40° C) 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.

#### Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

#### 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).

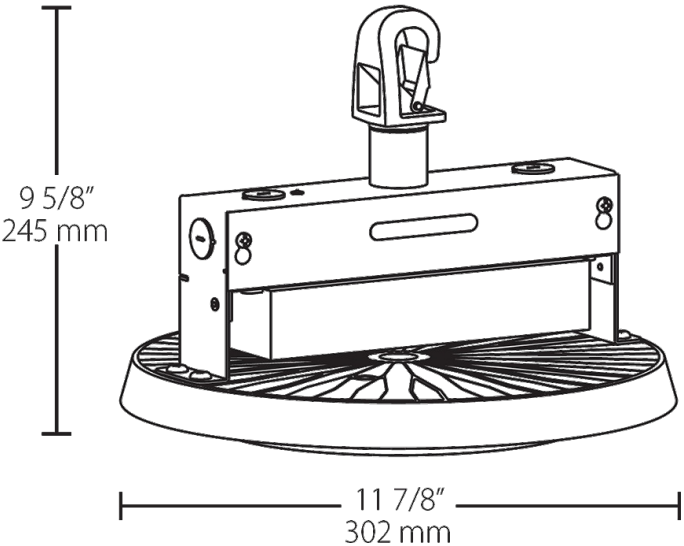
#### GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

HAYBAY180N/D10/LC/E2



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