## HAYBAY180N/D10/LOS/E2



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: 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.

## **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.

## LOSBAY800 Sensor:

 $360^\circ$  White Lens (Installed) - 60 ft. diameter when mounted at 40 ft., Aisle Black Lens (included as option) - 60 ft. x 20 ft. wide.

## 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:**

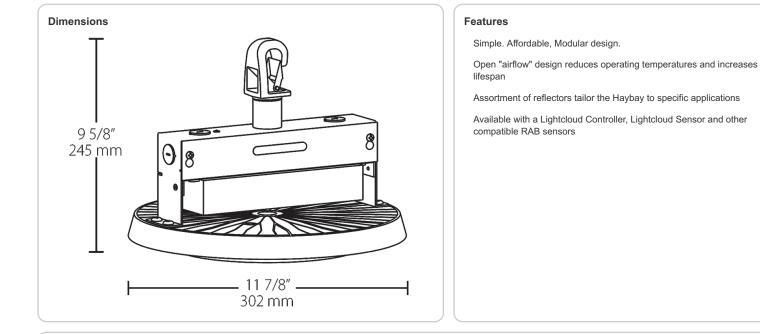
Suitable in accordance with FAR Subpart 25.4.



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

# HAYBAY180N/D10/LOS/E2





## Ordering Matrix

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