## HAYBAY100N/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

Project:	Туре:
Prepared By:	Date:

	LED Info	
Constant Current	Watts:	100W
0.87A	Color Temp:	4000K
0.52A	Color Accuracy:	74 CRI
0.45A	L70 Lifespan:	100000
0.37A	Lumens:	10975
102W	Efficacy:	108 LPW
98%		
	0.87A 0.52A 0.45A 0.37A 102W	Constant Current Watts: 0.87A Color Temp: 0.52A Color Accuracy: 0.45A L70 Lifespan: 0.37A Lumens: 102W Efficacy:

## **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: PUT7SF9Z

### 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:

2.3% at 120V, 7.5% at 277V

## **Power Factor:**

99.9% at 120V. 98.8% 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.

## 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.

## 5 Yr Limited Warranty:

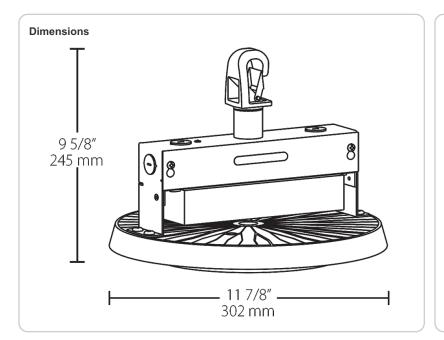
RAB warrantees fixture operation and paint finish for a period of 5 years.

## **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.

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## **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

O	Ordering Matrix									
	Family	Wattage	Color Temp	Driver	Sensor Options	Options				
	HAYBAY	100	N	/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®™ Sensor (requires reflector)								