## HAYBAY150N/D10/LCSR/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**

#### Lightcloud

#### Lightcloud Sensor Installed:

The Lightcloud Sensor is a dual-technology motion detector that can switch and dim both local and remote circuits. It monitors power consumption, and can send an alert if power is lost. Compatible with only the 11" reflectors.

#### 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: PP2UW2GD

## 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.

277V:

Input Watts:

Efficiency:

0.54A

148W

N/A

## 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: 1.7A, 208V: 0.74A, 240V: 0.64A, 277V: 0.54A

## **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:

6.0% at 120V, 7.2% at 277V

#### **Power Factor:**

99.8% at 120V, 97.3% at 277V

#### Surge Protection:

4kV

#### LED Characteristics

LEDs:

Long-life, high-efficiency, surface mount LEDs

Project:		Туре:		
Prepare	ed By:	Date:		
Driver Inf	ō	LED Info		
Туре:	Constant Current	Watts:	150W	
120V:	1.7A	Color Temp:	4000K	
208V:	0.74A	Color Accuracy:	73 CRI	
240V:	0.64A	L70 Lifespan:	100000	

Lumens:

Efficacy:

### 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.

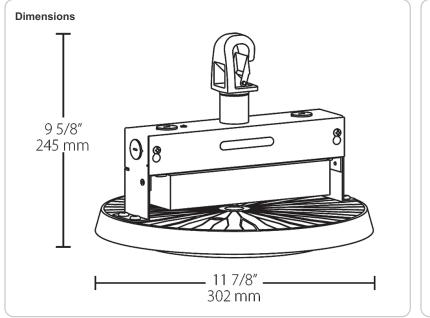


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124 LPW

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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

Ordering Matrix						
Family	Wattage	Color Temp	Driver	Sensor Options	Options	
HAYBAY	150	Ν	/D10	/LCSR	/E2	
	<b>180</b> = 180W	<b>Blank</b> = 5000K	/D10 = 0-10V Dimming (standard)	Blank = No Sensor	Blank = No Emergency Battery Back	
	<b>150</b> = 150W	<b>N</b> = 4000K		/LOS = LOSBAY 800 Sensor (base fixture only)	/E2 = Emergency Backup, 120-277\	
	<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)		