# HAYBAY100N/D10/LC/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 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: 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).

277V:

Input Watts:

Efficiency:

0.37A

102W

98%

## 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

#### **Project:** Type: Prepared By: Date: **Driver Info** LED Info Constant Current 100W Type: Watts 120V: 0.87A Color Temp: 4000K 208V: 0.52A Color Accuracy: 74 CRI 240\/-0.45A 100000 L70 Lifespan:

Lumens:

Efficacy:

## Surge Protection:

#### **LED Characteristics**

#### LEDs:

4kV

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 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.

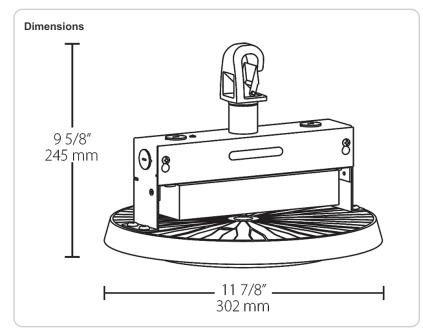


10975

108 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

Family	Wattage	Color Temp	Driver	Sensor Options	Options
HAYBAY	100	Ν	/D10	/LC	/E2
	<b>180</b> = 180W	<b>Blank</b> = 5000K	/D10 = 0-10V Dimming (standard)	Blank = No Sensor	Blank = No Emergency Battery Backu
	<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)	