# HAYBAY180N/D10/LC



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: 15.7 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: P5ZM236R

# 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).

Efficiency:

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.

# 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.

# Electrical

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%.

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

THD:

5.8% at 120V, 8.4% at 277V

### Power Factor:

99.8% at 120V, 96.1% at 277V

Surge Protection:

# 4kV

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.

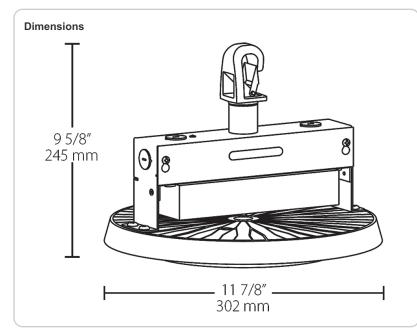
#### **Buy American Act Compliance:**

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.



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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	180	N	/D10	/LC		
	<b>180</b> = 180W	Blank = 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®™ Sensor (requires reflector)		