HAYBAY100N/D10/LC

RAB



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 batterie senarately.

Color: White

Weight 14 3 lbs

Technical Specifications

Lightcloud

Lightcloud Controller Installed:

Integrated/embedded networked lighting control, luminaire-level lighting control. Fixture, Zone, and plug-load control from one powerful device. LLLC capable of switching, 0-10Vdimming, power/energy monitoring. Can also be used to extend the range of the Lightcloud mesh network communication protocols. Offers the capability to set the maximum light output to a less-than-maximum state of an individual luminaire at the time of installation or commissioning. The High-End trim functionality is field reconfigurable via the Lightcloud mesh network communication protocols. The Lightcloud controller can be attached to the fixture, junction box, or electrical panel. DLC system - N1XMLOEATBA

Learn more about Lightcloud.

Compliance

UL Listed:

Suitable for damp locations

Construction

Vibration Rating: Industry-leading 5G vibration rating per ANSI C136.31

Cold Weather Starting:

The minimum starting temperature is -40°C (-40°F)

Maximum Ambient Temperature:

Suitable for use 12 hours a day, 5 days a week in up to 50° C and for 24/7 use in up to 40° C

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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

Green Technology:

Mercury and UV free. RoHS-compliant components.

LED Characteristics

LEDs:

Long-life, high-efficiency, surface-mount LEDs

Color Uniformity:

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for (SSL) Products, ANSI C78.377-2017.

river Info	LED Info
Prepared By:	Date:
Project:	Туре:

Туре	Constant Current	Watts	100W
120V	0.84A	Color Temp	4000K (Neutral)
208V	0.48A	Color Accuracy	72 CRI
240V	0.42A	L70 Lifespan	100,000 Hours
277V	0.37A	Lumens	15,785 lm
Input Watts	101.2W	Efficacy	156 lm/W

Performance

Lifespan:

100,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

Wattage Equivalency:

Equivalent to 250W Metal Halide

Electrical

Drivers:

Class 1, programmable, constant current, 50/60 Hz., 120-277V, 120V: 0.84A, 208V: 0.48A, 240V: 0.42A, 277V: 0.37A

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 aluminumreflector available in 5" height. Click <u>here</u> to see all reflectors.

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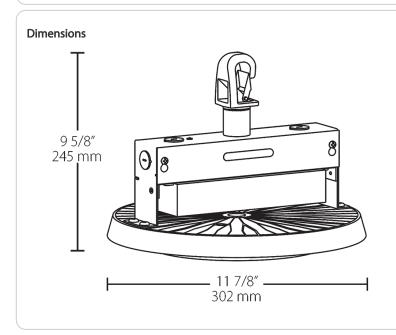
Technical Specifications (continued)

5 Yr Limited Warranty:

The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at <u>rablighting.com/warranty.</u>

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.



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	100	N	/D10	/LC	
	100 = 100W 130 = 130W 150 = 150W 180 = 180W	Blank = 5000K N = 4000K	/D10 = 0-10V Dimming (standard)	Blank = No Sensor /LOS = LOSBAY 800 Sensor (base fixture only) /LOSR = LOSBAY 800 Sensor (required for reflector) /LC = Lightcloud® Controller /LCS = Lightcloud® Sensor (base fixture only) /LCSR = Lightcloud® Sensor (required for reflector)	Blank = No Battery Backup /E2 = Emergency Backup, 120-277V