HBLED10DCW

RAB LIGHTING

Project:	Type:
Prepared By:	**Date:**

Driver Info

		LED Info	
Type:	DC to DC	Watts:	10W
120V:	N/A	Color Temp:	5200K (Cool)
208V:	N/A	Color Accuracy:	61 CRI
240V:	N/A	L70 Lifespan:	100,000
277V:	N/A	Lumens:	338
Input Watts:	10W	Efficacy:	34 LPW
Efficiency:	N/A		

LED Floodlights for solar applications or other 10-30 VDC systems. Perfect for off-grid, remote-area lighting. Up to 85% more efficient than line voltage AC solutions.

Color: White   Weight: 3.5 lbs

Technical Specifications

LED Characteristics

Lifespan:

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

LEDs:

Multi-chip 10 watt, high-output, long-life LEDs.

Color Consistency:

7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color.

Color Stability:

LED color temperature is warrantied to shift no more than 200K in CCT over a 5 year period.

Color Accuracy:

61 CRI

Color Temperature:

5200K.

Color Uniformity:

RAB's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2008.

Electrical

Electrical Input Specifications:

Max Watts = 10W; Input Volts = 10-30 VCD; Operating Amps = 1.3 - 0.4A.

Construction

Cold Weather Starting:

The minimum starting temperature is -40°F/-40°C.

Thermal Management:

Die-cast aluminum Thermal Management system for optimal heat dissipation.

Housing:

Die-cast aluminum housing, hood and mounting arm.

Swivels:

Fully adjustable with sure-grip locks. 1/2" NPS threaded arm with serrated locking swivel fits all standard mounting covers. Color matched EZ Grip lock nuts. Stainless steel screw.

Mounting:

Heavy-duty arm with "O" ring seal and stainless steel screws.

Gaskets:

High-temperature silicone gaskets.

Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contains no VOC or toxic heavy metals.

Green Technology:

Mercury and UV Free, and RoHS compliant.

Optical

Reflector:

Specular aluminum. NEMA 5x5 floodlight reflector with 4x4 optional spotlight reflector for field installation. Photometrics show flood configuration.

Listings

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.

Other

California Title 24:

LFLOOD complies with California Title 24 building and electrical codes.

Patents:

The design of the LFLOOD is protected by US patents pending in US., Canada, China, Taiwan & Mexico.

Country of Origin:

Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

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).

Trade Agreements Act Compliant:

This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.
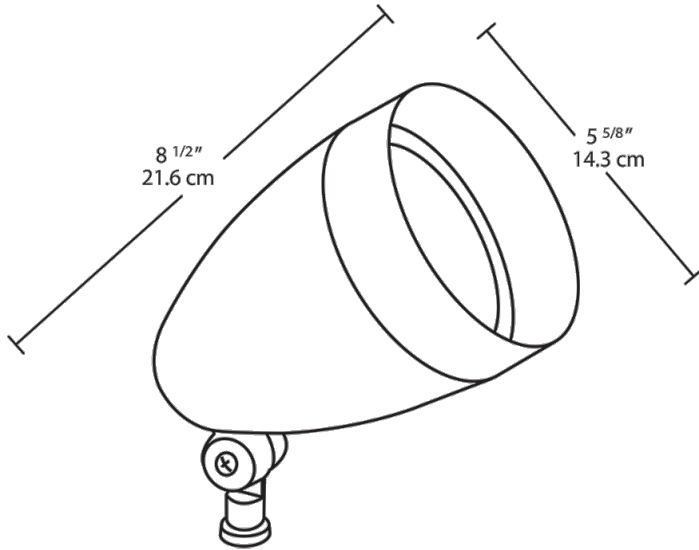
GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

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.

Need help? Tech help line: **888 RAB-1000** Email: **sales@rabweb.com** Website: **www.rabweb.com**

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HBLED10DCW

RAB
LIGHTING

Dimensions

8 1/2"
21.6 cm

5 5/8"
14.3 cm

Features

Low voltage DC

Ideal for solar applications

Up to 85% more energy efficient

No energy-loss from DC-AC inverter

Enables off-grid, remote-area lighting

5-year warranty

Ordering Matrix

Family	Watts	DC	Finish
HBLED			
	10 = 10W **13** = 13W	**DC** = DC	**A** = Bronze **W** = White **B** = Black **VG** = Verde Green