

HBL13DCB

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. Available in 10, 13 and 18 Watt Bullet, Spot and Rectangular shaped LED floods.

Color: Black

Weight: 3.5 lbs



LED Info

Watts: 13W
 Color Temp: 5000K (Cool)
 Color Accuracy: 61
 L70 Lifespan: 100000
 LM79 Lumens: 724
 Efficacy: 47 LPW

Driver Info

Type: DC to DC
 120V: N/A
 208V: 0
 240V: N/A
 277V: N/A
 Input Watts: 15W
 Efficiency: 85%

Technical Specifications

Lumen Maintenance:

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

LEDs:

Multi-chip 13 watt, high-output, long-life LEDs

Electrical Input Specifications:

Max Watts = 15W. Input Volts = 10-30 VDC. Operating Amps = 1.5 - 0.5A

Cold Weather Starting:

The minimum starting temperature is -30°C (-22°F).

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

Color Stability:

RAB LEDs exceed industry standards for chromatic stability

Color Accuracy:

61 CRI

Color Temperature:

5000K

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.

Reflector:

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

Gaskets:

High-temperature silicone gaskets

Finish:

Chip and fade resistant polyester powder coat finish

Green Technology:

Mercury and UV Free, and RoHS compliant

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.

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.

Warranty:

RAB LED fixtures give you peace of mind because both the fixture and driver components are backed by RAB's 5 Year Warranty. For more information,

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

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