



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: Bronze

Weight: 4.8 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type: DC to DC
120V: N/A
208V: N/A
240V: N/A
277V: N/A
Input Watts: 24W
Efficiency: 75%

LED Info

Watts: 18W
Color Temp: 5000K (Cool)
Color Accuracy: 69 CRI
L70 Lifespan: 100,000
Lumens: 1681
Efficacy: 70 LPW

Technical Specifications

LED Characteristics

Lifespan:

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

LEDs:

Multi-chip 18 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 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 C78.377-2017.

Electrical

Electrical Input Specifications:

Max Watts = 24W. Input Volts = 10-30 VDC. Operating Amps = 3.0 - 1.0A.

Construction

Cold Weather Starting:

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

Housing:

Die-cast aluminum housing, hood and mounting arm

Mounting:

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

Reflector:

Specular aluminum

Gaskets:

High-temperature silicone gaskets

Finish:

Formulated for high-durability and long lasting color

Green Technology:

Mercury and UV-free. RoHS compliant components.

Optical

NEMA Type:

NEMA Beam Spread of 7H x 6V

Listings

IESNA LM-79 & LM-80 Testing:

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

Other

Patents:

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

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. RAB's warranty is subject to all terms and conditions found at

American Bureau of Shipping (ABS) :

For use on Mobile Offshore Drilling Units (MODU) and shipping vessels

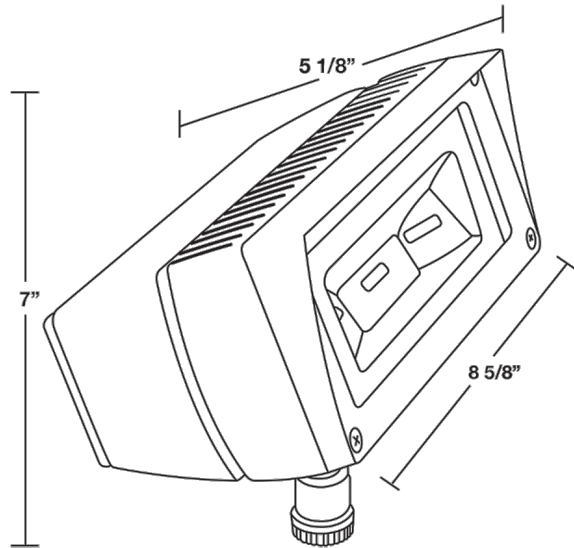
Equipment:

Solar panel, battery and controls by others

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.

Dimensions



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, No-Compromise Warranty