



Bullet shape die cast aluminum flood with 10 Watt LED Light Engine. Comes with flood reflector installed. Optional spot reflector included for field installation.

Color: Verde green

Weight: 3.5 lbs

Project:

Type:

Prepared By:

Date:

#### Driver Info

Type: Constant Current  
 120V: 0.21A  
 208V: 0.14A  
 240V: 0.12A  
 277V: N/A  
 Input Watts: 13W  
 Efficiency: 75%

#### LED Info

Watts: 10W  
 Color Temp: 5200K (Cool)  
 Color Accuracy: 61 CRI  
 L70 Lifespan: 100,000  
 Lumens: 338  
 Efficacy: 25 LPW

## Technical Specifications

### Listings

#### UL Listing:

Suitable for wet locations. Suitable for ground mounting.

#### IESNA LM-79 & IESNA LM-80 Testing:

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and 80, and have received the Department of Energy "Lighting Facts" label.

### LED Characteristics

#### Lifespan:

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

#### Color Consistency:

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

#### Color Stability:

LED color temperature is warranted 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 C78.377-2008.

#### Color Temperature:

5200K.

#### Color Accuracy:

61 CRI

### Construction

#### Thermal Management:

Cast aluminum patent pending Thermal Management system for optimal heat sinking. The LFLOOD is designed for cool operation, most efficient output and maximum LED life by minimizing LED junction temperature.

#### 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.

#### Housing:

Precision die cast aluminum housing.

#### Gaskets:

High Temperature Silicone.

#### 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:

RAB LEDs are Mercury, Arsenic and UV free.

#### Cold Weather Starting:

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

#### Ambient Temperature:

Suitable for use in 40°C (104°F) ambient temperatures.

#### LFLOOD 10W:

LED Floodlight that reduces energy consumption by 70% compared to 60W PAR38. Spot and Flood beam patterns. Recommended for Residential and Commercial applications.

### Other

#### 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.

#### California Title 24:

HBLED10 complies with 2013 California Title 24 building and electrical codes as a commercial outdoor non-pole-mounted fixture < 30 Watts when used with a photosensor control. Select catalog number PCS900(120V) or PCS900/277 to order a photosensor.

#### Patents:

LFLOOD thermal Management technology is protected under utility patents pending in the U.S., Canada and China.

#### Equivalency:

The HBLED10 is Equivalent in delivered lumens to a 45W PAR Floodlight.

#### HID Replacement Range:

The HBLED10 can be used to replace 45-75W PAR Floodlights based on delivered lumens.

#### Country of Origin:

Designed by RAB in New Jersey and assembled in Taiwan.

#### Trade Agreements Act Compliant:

This product is a product of Taiwan and a "designated country" end product that complies with the Trade Agreements Act.

#### GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

### Optical

#### Lumen Maintenance:

The LED will deliver 70% of its initial lumens at 100,000 hours of operation.

Technical Specifications (continued)

Optical

Reflectors:

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

Electrical

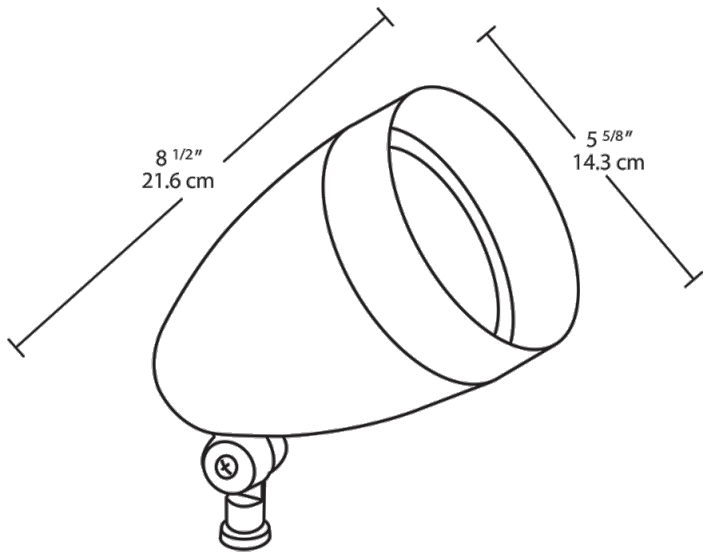
Driver:

Multi-chip 10W high output long life LED Driver  
Constant Current, Class II, 120V-240V, 50/60 Hz,  
350mA.

Surge Protection:

1KV

Dimensions



Features

- Ultra efficient LED and optical design
- Rugged die cast aluminum housing with powder coat finish
- Glare shield for effective light control
- Weatherproof high temperature silicone gaskets
- 5-year warranty

Ordering Matrix

Family	Watts	Color Temp	Finish	LED Color
HBLED	10 = 10W	Blank = Cool Y = Warm	A = Bronze W = White B = Black VG = Verde Green	Blank = Standard AMB = Amber