

# HBLED10B

Bullet shape die cast aluminum flood with 10 watt LED Light Engine. Equivalent to 60W PAR Halogen. Comes with flood reflector installed. Optional spot reflector included for field installation.

Color: Black

Weight: 3.5 lbs



## LED Info

Watts: 10W  
 Color Temp: 5200K (Cool)  
 Color Accuracy: 61  
 L70 Lifespan: 100000  
 LM79 Lumens: 338  
 Efficacy: 25 LPW

## Driver Info

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

## Technical Specifications

### UL Listing:

Suitable for wet locations. Suitable for mounting within 1.2m (4ft) of the ground.

### Lumen Maintenance:

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

### 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:

Chip and fade resistant polyester powder coat finish.

### 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. See our full warranty .

### Green Technology:

RAB LEDs are Mercury, Arsenic and UV free.

### California Title 24:

LFLOOD complies with California Title 24 building and electrical codes.

### 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.

### Color Consistency:

3-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 C78.377-2008.

### Cold Weather Starting:

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

### Reflectors:

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

### 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.

HBLED10B - continued

**Color Temperature:**

5200K.

**Color Accuracy:**

61 CRI.

**Driver:**

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

**Surge Protection:**

1KV.

**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.