

# HBL13DCA

Bullet shape die cast aluminum flood with 13w LED Light Engine.  
Equivalent to 60w PAR Halogen. Comes with flood reflector installed.  
12v 24 DC with Hood and Lens.

Color: Bronze

Weight: 3.5 lbs



## LED Info

Watts: 13  
Color Temp: N/A  
Color Accuracy: N/A  
L70 Lifespan: 0  
LM79 Lumens: 724  
Efficacy: 0 LPW

## Driver Info

Type: DC Driver 12V/24V DC  
120V: N/A  
208V: N/A  
240V: N/A  
277V: N/A  
Input Watts: N/A  
Efficiency: N/A

## Technical Specifications

### Starting Amps/Operating Amps:

12V DC 3.5A, 24V DC3.5A

### Heatsink:

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

### Lumen Maintenance:

The LED will deliver 70% of its initial lumens at 50,000 hours of operation.

### 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 Stability:

RAB LEDs exceed industry standards for chromatic stability.

### Color Uniformity:

RABs 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 -30 Deg C/-22 Deg F

### 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.

### Color Temperature:

6021 K



HBLED13DCA - continued

**Color Accuracy:**

61 CRI

**LED Light Engine:**

Multi-chip 10W high output long life LED DC Driver

12-24VVDC

**Surge Protection:**

N/A

**Patents:**

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