# **HBLED13NA USA**





Bullet shape die cast aluminum flood with 13 Watt LED Light Engine. Comes with flood reflector installed.

Color: Bronze Weight: 3.5 lbs

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info	
Type:	Constant Current	Watts:	13W
120V:	0.12A	Color Temp:	4000K
208V:	0.09A	Color Accuracy:	82 CRI
240V:	0.08A	L70 Lifespan:	100000
277V:	0.07A	Lumens:	1259
Input Watts:	14W	Efficacy:	88 LPW
Efficiency:	91%		

# **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.

### Lumen Maintenance:

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

# **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 C78.377-2017.

# Construction

## 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:

Formulated for high-durability and long lasting color.

#### Green Technology:

Mercury and UV free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

## **Cold Weather Starting:**

Minimum starting temperature is -40°C (-40°F)

# **Maximum Ambient Temperature:**

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

## **Electrical**

## THD:

9.9% at 120V

### **Power Factor:**

99.3% at 120V

#### Driver:

Multi-chip 13W high output long life LED Driver Constant Current, Class 2 100V - 277V, 50/60 Hz.

## **Surge Protection:**

4kV

#### 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.

### Patents:

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

### Equivalency:

Equivalent to 100W PAR Halogen.

## FTC Country of Origin:

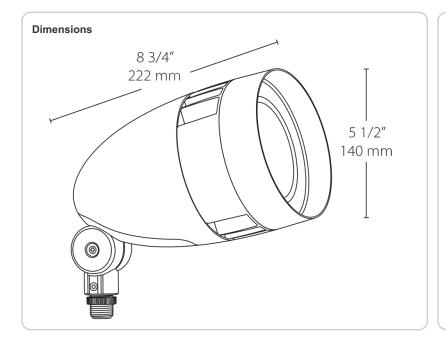
This product was assembled in the USA by RAB using imported components.

## **Buy American Act Compliance:**

This product complies with the Buy American Act.

# **HBLED13NA USA**





# **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	Wattage	Color Temp	Finish
HBLED			
	<b>13</b> = 13W	Blank = 5000K (Cool)	A = Bronze
		<b>Y</b> = 3000K (Warm)	W = White
			<b>B</b> = Black
			VG = Verde Green