



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

Color: White

Weight: 3.5 lbs

Project:

Type:

Prepared By:

Date:

#### Driver Info

Type: Constant Current  
 120V: 0.12A  
 208V: 0.09A  
 240V: 0.08A  
 277V: 0.07A  
 Input Watts: 14W  
 Efficiency: 90%

#### LED Info

Watts: 13W  
 Color Temp: 3000K  
 Color Accuracy: 81 CRI  
 L70 Lifespan: 100000  
 Lumens: 1,228  
 Efficacy: 85 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:

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 C78.377-2015.

### Construction

#### Thermal Management:

Cast aluminum 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:

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

#### Cold Weather Starting:

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

#### Maximum Ambient Temperature:

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

### Electrical

#### THD:

9.8% at 120V

#### Power Factor:

99.2% 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.

#### California Title 24:

HBLED13 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.

#### 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.

#### Equivalency:

Equivalent to 100W PAR Halogen.

### Optical

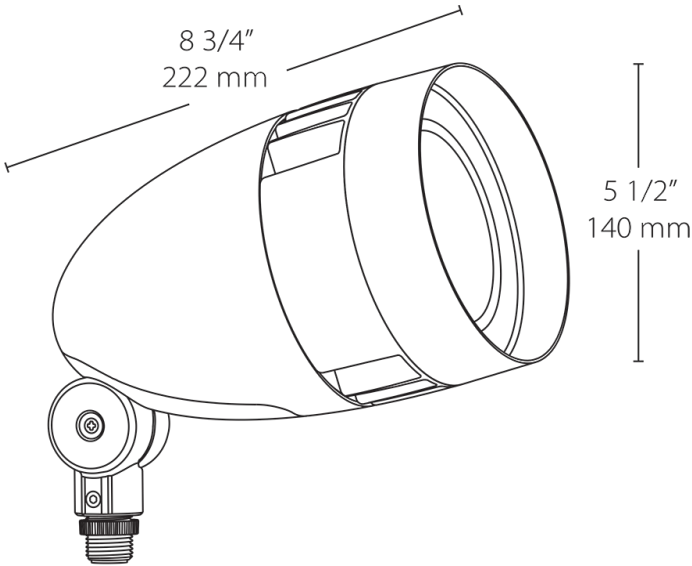
#### Lumen Maintenance:

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

HBLED13YW



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   |
|--------|----------|--|--|
| HBLED  | 13 = 13W | Blank = 5000K (Cool)<br>Y = 3000K (Warm) | A = Bronze<br>W = White<br>B = Black<br>VG = Verde Green |