



Bullet shape die cast aluminum flood with spotlighting for over 40 feet away.

Color: Bronze

Weight: 3.5 lbs

Project:

Type:

Prepared By:

Date:

#### Driver Info

Type	Constant Current
120V	0.12A
208V	0.07A
240V	0.06A
277V	0.06A
Input Watts	13.6W

#### LED Info

Watts	13W
Color Temp	4000K (Neutral)
Color Accuracy	73 CRI
L70 Lifespan	100,000 Hours
Lumens	1,646 lm
Efficacy	121 lm/W

## Technical Specifications

### Compliance

#### UL Listed:

Suitable for wet locations. Suitable for ground mounting.

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

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

#### DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.

DLC Product Code: PI1A9801

### Performance

#### Lifespan:

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

### Optical

#### Spotlight Distribution:

Beam Angle of 11° and Field Angle of 24° enables the HSLED to produce a very narrow spot distribution

#### NEMA Type:

NEMA Beam Spread of 4H x 4V

### LED Characteristics

#### LEDs:

13 Watt high output, long-life LED

#### Lumen Maintenance:

100,000 hours Life Based on LM-80 Tests

#### Color Consistency:

3-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 color temperature over a 5-year period

#### Color Uniformity:

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for (SSL) Products, ANSI C78.377-2017.

### Electrical

#### Driver:

Constant Current, 120-277V with 4kV surge protection, 120V: 0.12A, 208V: 0.07A, 240V: 0.06A, 277V: 0.06A

#### THD:

10.11% at 120V, 10.95% at 277V

### Power Factor:

99% at 120V, 91.7% at 277V

### Surge Protection:

4kV

### Construction

#### Ambient Temperature:

Suitable for use in up to 40°C (104°F)

#### Cold Weather Starting:

The minimum starting temperature is -40°C (-40°F)

#### Thermal Management:

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

#### Housing:

Precision die-cast aluminum housing, hood and mounting arm

#### Gaskets:

High-temperature Silicone

#### Finish:

Formulated for high durability and long-lasting color

**Technical Specifications (continued)****Green Technology:**

Mercury and UV free. RoHS-compliant components.

**Other****Warranty:**

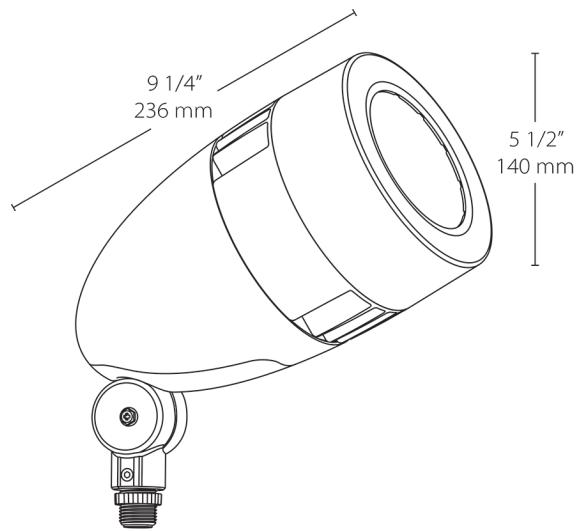
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

**Patents:**

The design of the HSLED is protected by Taiwan Patent 01510965 and patents pending in US, Canada, China, and Mexico

**Buy American Act Compliance:**

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

**Dimensions****Features**

- Spot lighting for over 40 feet away
- Perfect for flag lighting
- NEMA type - 4H x 4V
- Available in four colors
- 100,000-hour life based on LM-80 results and TM-21 calculations
- 5-Year, No-Compromise Warranty

**Ordering Matrix**

Family	Wattage	Color Temp	Finish	Driver Options	Other Options
HSLED	13	N	A		
18 = 18W 13 = 13W 26 = 26W	N = 4000K Neutral Y = 3000K Warm Blank = 5000K Cool	W = White Blank = Bronze B = Black VG = Verde Green A = Bronze	Blank = Standard /D10 = 0-10V Dimming /480 = 480V (Only available for 26W)	Blank = Standard USA = BAA Compliant	