



Bullet shape die cast aluminum flood with spotlighting for over 40 feet away. 13 Watt LED High Performance Light Engine.

Color: Black

Weight: 3.5 lbs

|                     |              |
|---------------------|--------------|
| <b>Project:</b>     | <b>Type:</b> |
| <b>Prepared By:</b> | <b>Date:</b> |

| Driver Info  |                  | LED Info        |        |
|--------------|------------------|-----------------|--------|
| Type:        | Constant Current | Watts:          | 13W    |
| 120V:        | 0.12A            | Color Temp:     | 5100K  |
| 208V:        | 0.09A            | Color Accuracy: | 67 CRI |
| 240V:        | 0.08A            | L70 Lifespan:   | 100000 |
| 277V:        | 0.07A            | Lumens:         | 1373   |
| Input Watts: | 14W              | Efficacy:       | 96 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.

#### LEDs:

13 Watt high output, long-life LED.

#### Lumen Maintenance:

100,000 hours Life Based on LM-80 Tests.

#### Color Consistency:

7-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 (SSL) Products, ANSI C78.377-2017.

### 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 2H x 2V

### Electrical

#### Driver:

Constant Current, Class 2, 100-277V, 50-60Hz, 100-240VAC 0.3-0.15A, 277VAC 0.15A.

#### Surge Protection:

4kV

### Construction

#### Ambient Temperature:

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

#### Cold Weather Starting:

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.

### Green Technology:

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

### 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:

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

### 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.

## Dimensions



## Features

- Spot lighting for over 40 feet away
- Perfect for flag lighting
- NEMA type - 2H x 2V
- Available in four colors
- 100,000-hour life based on LM-80 tests
- 5- year LED warranty