



Provides motion detection in both a 180° outward pattern as well as underneath with a full 360°. Also features an evening timer mode, which turns the light on for a preset amount of time after sunset. Comes with a full 10 year warranty.

Color: Bronze

Weight: 4.6 lbs

**Project:**

**Type:**

**Prepared By:**

**Date:**

### Driver Info

Type: Constant Current  
 120V: 0.3A  
 208V: N/A  
 240V: N/A  
 277V: N/A  
 Input Watts: 15W  
 Efficiency: 85%

### LED Info

Watts: 13W  
 Color Temp: 5000K (Cool)  
 Color Accuracy: N/A  
 L70 Lifespan: 100000  
 Lumens: 724  
 Efficacy: 47 LPW

## Technical Specifications

### Listings

#### UL Listing:

Suitable for wet locations. Suitable for mounting within 1.2m (4ft) of the ground.

#### 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:

7-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 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.

#### Color Temperature:

5000K

#### Color Accuracy:

69 CRI

### Construction

#### Thermal Management:

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:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contains no VOC or toxic heavy metals.

#### Cold Weather Starting:

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

#### LFLOOD 13W:

LED Floodlight that reduces energy consumption by 85% compared to 100W PAR38. Spot and Flood beam patterns. Recommended for Residential and Commercial applications.

#### Other

#### Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of ten (10) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

#### Country of Origin:

Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

#### Buy American Act Compliant:

This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

#### Recovery Act (ARRA) Compliant:

This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

#### Trade Agreements Act Compliant:

This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

#### GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

### Optical

#### Reflectors:

NEMA 5x5 floodlight reflector with 4x4 optional spotlight reflector for field installation. Photometrics show flood configuration.

#### Fixture Efficacy:

47 Lumens per Watt

### Electrical

#### Driver:

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

#### THD:

11.04% at 120V

### Sensor Characteristics

#### Sensor Time Adjustment:

5 seconds to 12 minutes.

## Technical Specifications (continued)

### Sensor Characteristics

#### Sensor Surge Protection:

Withstands up to 6000 volts.

#### Sensor Wide Sensitivity Control:

Adjustable from 100% to 30%.

#### Sensor Temperature Compensation:

Sensitivity adjusts automatically for consistent detection in hot and cold ambient temperatures.

#### Sensor Wall Switch Manual Override:

Two flip logic prevents activation by momentary power outages. Override resets to auto at dawn. No extra wiring needed.

#### Sensor LED Detection Indicator:

Shows when sensor is detecting in daytime and glows red at night for "on-guard" deterrence.

#### Sensor Advanced Detection Logic:

Minimizes false triggers.

## Features

Radio frequency immunity

6000 volt surge protection

1000 Watt switching capacity

Pre-wired and pre-assembled on CU4 universal EZ plate

Protected manual override with auto reset

Can be wired in parallel