STL1HBLED10W

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: White

Weight: 4.6 lbs

Project:	Type:
Prepared By:	Date:

Driver Info

Type:	Constant Current
120V:	.43A/.43A
208V:	N/A
240V:	N/A
277V:	N/A
Input Watts:	13W
Efficiency:	76%

LED Info

Watts:	10W
Color Temp:	5000K
Color Accuracy:	N/A
L70 Lifespan:	100000
Lumens:	338
Efficacy:	26 LPW

Technical Specifications

Listings

UL Listing:

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

LED Characteristics

Lifespan:

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

Color Temperature:

5200K.

Color Accuracy:

61 CRI

Color Consistency:

7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color.

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.

Cold Weather Starting:

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

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.

Electrical

Driver:

Multi-chip 10W high output long life LED Driver Constant Current, Class II, 120V-240V, 50/60 Hz, 350mA.

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.

California Title 24:

LFLOOD complies with California Title 24 building and electrical codes.

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.

Sensor Characteristics

Sensor Time Adjustment:

5 seconds to 12 minutes.

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.

Technical Specifications (continued)

Sensor Characteristics

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