STL3HBLED10YW

RAB LIGHTING

Project:	Type:
Prepared By:	**Date:**

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: 5.2 lbs

Driver Info

Type:	Constant Current
120V:	.43A/.43A
208V:	N/A
240V:	N/A
277V:	N/A
Input Watts:	13W
Efficiency:	75%

LED Info

Watts:	10W
Color Temp:	3000K
Color Accuracy:	N/A
L70 Lifespan:	100000
Lumens:	297
Efficacy:	22 LPW

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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:

3000K

Color Accuracy:

75 CRI

Color Consistency:

3-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.

Mounting:

CU4 plate allows the sensor to be mounted under a soffit.

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 Scanning LEDs:

3 LEDs continually scan back-and-forth.

Sensor Surge Protection:

Withstands up to 6000 volts.

Sensor Wide Sensitivity Control:

Adjustable from 100% to 30%.

Sensor Temperature Compensation:

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

Technical Specifications (continued)

Sensor Characteristics

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 Photoelectric Control:

Deactivates lights during daylight. Fully adjustable for 24 hour operation or custom applications.

Sensor Detection:

Sensor Senses 180° and 360° down for Total Detection.

Sensor Warranty:

10 year sensor warranty.

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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