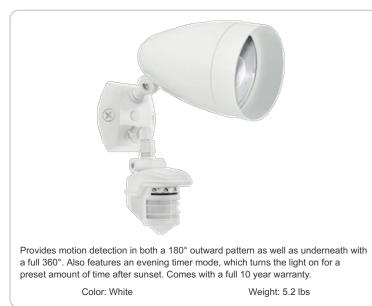
# STL3HBLED10W





Project: Prepared By: Driver Info		Type: Date: LED Info					
				ype: 20V:	Constant Current	Watts:	10W 5000K
				120V: 208V:	.43A/.43A N/A	Color Temp: Color Accuracy:	5000K N/A
_00 v.	N/A	L70 Lifespan:	100000				
240V:							
240V: 277V:	N/A	Lumens:	338				
	N/A 13W	Lumens: Efficacy:	338 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.

## 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.



# STL3HBLED10W

## 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

