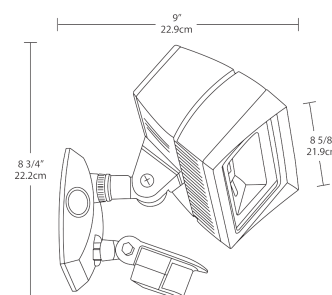


# FFLED18NMSW

Featuring 180° outward motion detection, this package provides an attractive and cost effective solution for applications that call for a fixture with a smaller, less prominent sensor.

Color: White

Weight: 5.3 lbs



## LED Info

Watts: 18W  
 Color Temp: 4000K (Neutral)  
 Color Accuracy: 85  
 L70 Lifespan: 100000  
 LM79 Lumens: 1454  
 Efficacy: 65 LPW

## Driver Info

Type: Constant Current  
 120V: 0.2A  
 208V: N/A  
 240V: N/A  
 277V: N/A  
 Input Watts: 22W  
 Efficiency: 80%

## Technical Specifications

### UL Listing:

Suitable For Wet Locations.

### Lumen Maintenance:

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

### NEMA Type:

7H x 6V Beam Spread.

### Airflow:

Patent pending Airflow technology heat sink for superior cooling.

### LEDs:

18 Watt high performance LEDs.

### Driver:

Constant Current, Class 2, 100 - 277V, 50 - 60 Hz, 100 - 277VAC 0.4 Amps.

### THD:

9.8% at 120V

### Surge Protection:

Withstands up to 3000 volts.

### Ambient Temperature:

Suitable for use in 40°C ambient temperatures.

### Cold Weather Starting:

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

### Thermal Management Housing:

Die-cast aluminum housing, lens frame and mounting arm.

### Mounting:

Heavy-duty mounting arm with O ring seal & stainless steel screw.

### Color Consistency:

3-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 C78.377-2008.

### Reflector:

Semi-specular anodized aluminum.

### Gaskets:

High-temperature silicone gaskets.

### 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.

### IESNA LM-79 & LM-80 Testing:

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have received the Department of Energy Lighting Facts label.

### California Title 24:

FFLED18 complies with California Title 24 building and electrical codes.

### Warranty:

5 year sensor warranty.



**Compatibility:**

Compatible with most electronic ballasts. Not compatible with instant start ballasts.

**Voltage:**

120 volts AC 60 Hz.

**Time Adjustment:**

5 seconds to 15 minutes.

**Quick Test Time:**

5 second test time for fast installation. Works day or night.

**"No Hands" Auto Testing:**

Auto mode starts after 4 minutes of testing. No adjustment needed.

**Photoelectric Control:**

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

**Manual Override:**

Double flip wall switch logic prevents activation by brief power outages. Resets after 6 hours. No extra wiring needed.

**LED Detection Indicator:**

LED glows red day & night for "on guard" deterrence.

**RF Immunity:**

Circuits fully shielded for maximum radio frequency immunity.

**Ratings:**

5 amps .

**Power Consumption:**

Negligible

**Time Delay:**

5 seconds to 15 minutes .

**Manual Switch:**

None .

**Ambient Light Sensing:**

Adjustable .

**Adjustments:**

Time, ambient light & sensitivity .

**Detection:**

180° detection pattern.

**Sensor Switching Capacity:**

5 Amps, 450 Watts LED @ 120 Volts 0.8pF Driver; 5 Amps, 300 Watts LED @ 120 Volts 0.5pF Driver.

**Patents:**

RAB sensor and fixture designs are protected under U.S. and International Intellectual Property laws.

**>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.

