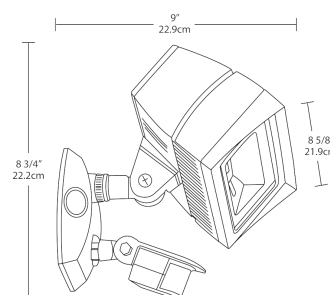# FFLED18MSW

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:	5000K (Cool)
Color Accuracy:	69
L70 Lifespan:	100000
LM79 Lumens:	1681
Efficacy:	76 LPW

Driver Info

Type:	Constant Current
120V:	0.2A
208V:	N/A
240V:	N/A
277V:	N/A
Input Watts:	22W
Efficiency:	81%

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:
8.5% at 120V, 7.2% at 277V

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:
7-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:
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

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

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.

Warranty:
5 year sensor warranty.

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.