OUTDOOR FLOODLIGHT INSTALLATION INSTRUCTIONS

PLEASE READ CAREFULLY AND SAVE THESE INSTRUCTIONS, AS YOU MAY NEED THEM AT A LATER DATE.

CAUTION - Turn off the main power at the circuit breaker before installing the fixture, in order to prevent possible shock..

Remove the fixture and the mounting package from the box and make sure that no parts are missing by referencing the illustrations on the installation instructions.

SPECIFICATIONS

- Range: Up to 60 ft (Varies with surrounding temperature)
- Detection Angle: 240°
- Power Required: 120 VAC, 60 Hz
- Maximum Load: 300 Watts
- Delay On-time   1, 5, 10 minutes

Note: The detection range specified above is based on the sensor's performance in conditions that represent average temperatures found in North America. The detection range of the sensor will vary with changing ambient temperatures.

CHOICE OF LOCATION

- Whenever possible, locate the unit so that its coverage area is away from heat sources or reflective surfaces, such as heating vents, air conditioners, large moving trees or pools of water.
- Whenever possible, locate the unit so that motion moves across the coverage area, not directly towards or away from the motion sensor. It is because the motion sensor is more sensitive to motion across it, not towards or away from it.

- This fixture may be mounted on a wall or a ceiling. It may be mounted onto a standard recessed outlet box or a wet location / outdoor outlet box.
- For easy installation, replace an existing light fixture that is already connected to a wall switch.

WARNING

There is no serviceable parts inside the motion sensor. DO NOT try to repair or disassemble the unit. Doing so could cause damage the unit or possible electrical shock to the user. If you are not sure about the installation, **CONSULT A QUALIFIED ELECTRICIAN.**

INSTALLATION STEPS

1. TURN OFF the power at the main circuit breaker at your home before proceeding.
2. Install the mounting bracket as shown using two provided mounting screws.
   Note: Use the provided #8-32 machine screws for an installation over a standard recessed wall outlet box. Use the provided #10-24 machine screws for an installation over a wet location / outdoor outlet box.
3. Connect the outlet box wires and the fixture wires together as shown in Diagram 1. Be sure to feed the fixture supply wires through foam gasket. Secure them together using wire connectors. Be sure to connect the fixture to standard 120 V, 60 Hz house/building wiring. Attach the power supply ground wire from the outlet box, and the fixture ground wire together using the correct size wire nut (not included).
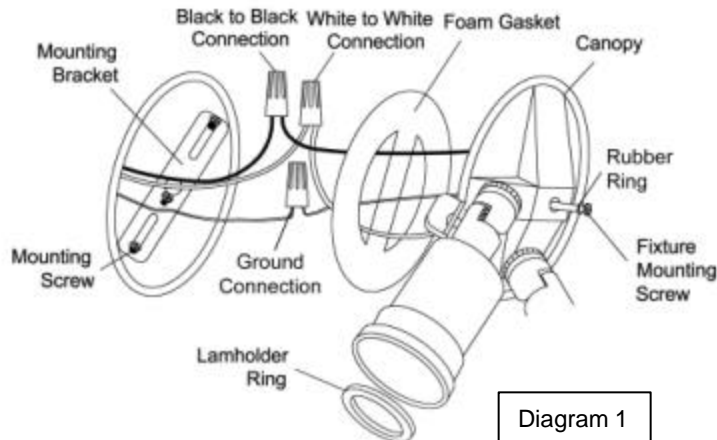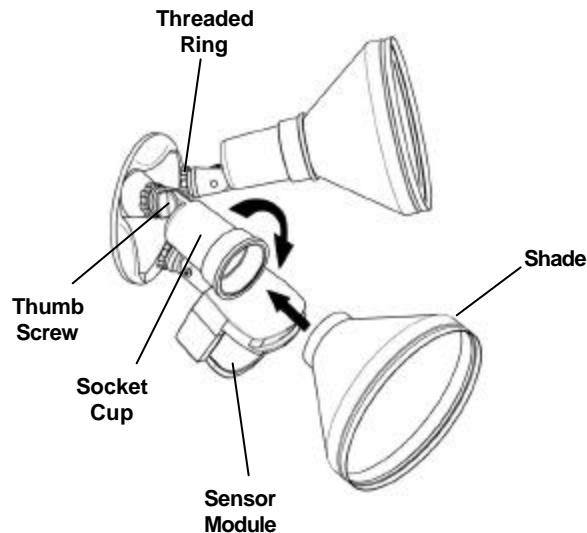

Diagram 1

4. Feed the rubber ring onto the fixture mounting screw. Make sure all connections are secured. Carefully pack all the wires into the outlet box, and place the fixture against the mounting bracket, allowing the fixture mounting screw to pass through the canopy hole. Secure the fixture by tightening the fixture mounting screw.
5. To protect against rain, caulk the head of the fixture mounting screw and the sides of the canopy with a suitable silicone compound.
6. Loosen the thumb screws and the threaded rings to adjust the lampholders. Do not over-rotate the lampholders as the internal wire connections may become disconnected.

To protect against rain, position lampholders 45º below horizontal

7. Install lampholder rings into the lampholder sockets. Attach the shades to the socket cups by aligning the open end of the recessed groove located on each shade with the securement bump of each socket cup, and sliding the shade inside the socket cup and turning it counter clockwise until it locks in place.
8. Screw floodlamps (PAR 38) into the lamp sockets with wattage ratings no more than the maximum wattage specified on the fixture.
9. Adjust the direction of the motion sensor module (if provided on your model) to select motion detection coverage area. Bear in mind the detection angle for your specific model (see packaging).

MOTION SENSOR OPERATION INSTRUCTIONS

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HOW IT WORKS

Your fixture comes with a motion detector. At dusk, the motion detector turns on your light automatically after sensing moving heat sources (such as a walking person or a moving vehicle) in its coverage area, and stays on as long as motion is detected. When motion stops, the light will remain on for a predetermined time (1, 5, or 10 minutes), and then turn off automatically.

FEATURES

- Turns on automatically when motion is detected.
- Turns off automatically after the selected on-time delay.
- Adjustable motion detector sensitivity.
- Adjustable photocell sensitivity (only available on some models)
- Adjustable delay on-time.
- A photocell which keeps the fixture off during daylight hours.
- An LED which turns on when power is properly connected.

OPERATION MODES

Modes	Timer Switch Position	Description
Stand-by	Test, 1, 5, or 10	**STATE WHEN POWER IS TURNED ON**: When power is turned on for the first time or if you have turned off the power for a long period of time and upon restoring power to the fixture, the light will turn on in 2 seconds and remain on for approximately 40 seconds regardless of motion. Then it will flash 3 times to indicate the unit has entered the Auto Detection Mode or Test Mode (depending on how timer switch is set).
Auto Detection	1, 5, or 10	**NORMAL MOTION DETECTION MODE**: Motion detector turns your light on automatically after sensing moving heat sources in its coverage area at dusk, and stays on as long as motion is detected. When motion stops, the light will remain on for the predetermined time (1, 5, or 10 minutes), and then turn off automatically.
Test Mode	Test	**SENSITIVITY ADJUSTMENT**: Allows you to adjust the sensitivity of motion detector to a desired level at dusk or dawn. When motion stops, the light will turn off in about 4 seconds.
Manual Override	Test, 1, 5, or 10	**MANUAL ON AND OFF WITH AUTO RESET:** Allows you to turn on and off your fixture by using the existing wall switch, regardless of the presence of motion. The unit will reset itself back to Auto Detection Mode or Test Mode (depending on your switch setting) after 8±20% hours. It is also possible for you to deactivate the feature manually by the existing wall switch.

MOTION SENSOR SENSITIVITY ADJUSTMENT

You can adjust the sensitivity of your motion detector. Turn the "SENSITIVITY" knob clock-wise to raise motion sensitivity, and counter clock-wise to lower motion sensitivity. NOTE: Sensitivity set too high may increase the chance of false triggering.

PHOTOCELL SENSITIVITY ADJUSTMENT (ONLY AVAILABLE ON SOME MODELS)

You can adjust the sensitivity of light-sensing photocell located on the bottom of the motion sensor module. The "PHOTO" knob controls the cutoff level of ambient light at which the motion sensor begins to operate. This function may be help full when using the fixture in areas that are dark during the day time (e.g. areas under eaves) or areas where there is a high level of ambient light during night time (e.g. areas near street lights). Turn the "PHOTO" knob counter clock-wise (toward "DARK") to make the fixture operate in darker surroundings. Turn the "PHOTO" knob clock-wise (toward "LITE") to make the fixture operate in brighter surroundings.

MANUAL OVERRIDE MODE WITH AUTO RESET

This feature allows you to turn on and off your light by using the existing wall switch, regardless of the presence of motion. To activate the feature, turn your wall switch OFF-ON-OFF-ON within 3 seconds. The light will stay on continuously after flashing 3 times. The unit will turn off and reset itself to Auto Detection Mode after 8± 20% hours. You can also manually de-activate the feature. To do so, turn the wall switch OFF-ON-OFF-ON within 3 seconds. The light will return to Auto Detection Mode or Test Mode (depending on your switch setting) after flashing 3 times.