

OPERATING INSTRUCTIONS

The motion sensor on this fixture has a built in dusk-to-Dawn sensor that automatically disables the motion sensor during daylight hours regardless of motion detection.

1.The motion sensor must be tested before setting the Time and sensitivity levels. The TEST option is located on the TIMER control knob on the underside of the sensor head. To test the fixture, switch the wall switch that controls power to the fixture to the ON position and turn the rotary knob to the "TEST" area. During test mode. the lights will come on for 20 seconds, regardless of motion detection or the time of day. The light will shut off automatically after 20 seconds. Leave the rotary knob in the "TEST" area and test the sensitivity by crossing in the path of the sensor. The light will come on only if it senses movement. Once movement stops, it will turn off in 5 seconds. The test is now complete.

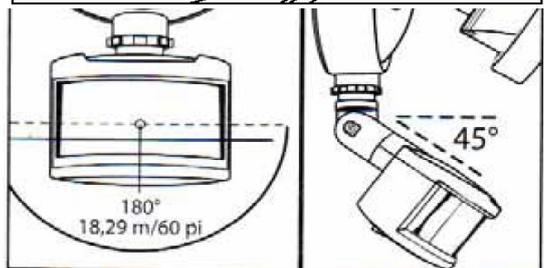
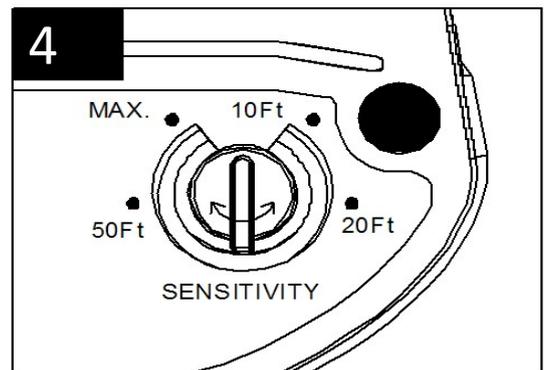
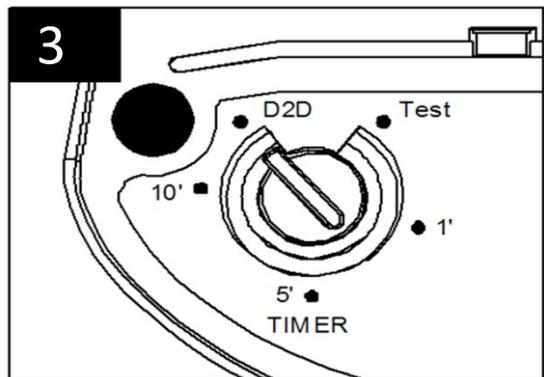
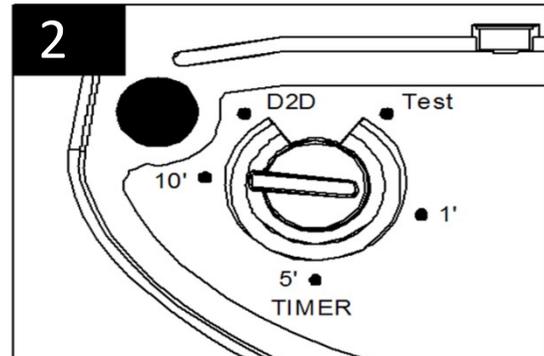
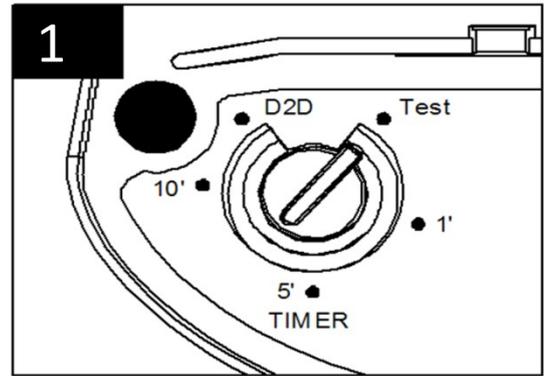
2.Once the fixture has been tested for proper operation and sensitivity, rotate the TIMER control knob past the "1'" setting into the timer settings. The timer settings indicate how long the light stays on after the PIR senses motion. Rotating this knob clockwise raises the stay on time of the motion sensor for up to 10minutes .Rotating the knob counterclockwise shorten the stay on time to as close as 1minutes(can't past "1'" position). It may be necessary to adjust the TIMER knob several times until the desired ON time is achieved.

3.Rotate the TIMER control knob to the"D2D"position, the light turns on at dusk and off at dawn automatically, regardless of the presence of motion. The "D2D" setting ensures lights are non-operational in daylight and only function at night.

4.The control knob located on the opposite side is Marked SENSITIVITY, which determines the degree of Motion detection. Rotating this knob clockwise raises the sensitivity of the motion sensor for up to 60 ft. of distance .Rotating the knob counterclockwise lowers the sensitivity down to as close as 10 ft. It may be necessary to adjust the "SENSITIVITY" knob several times until the desired setting is achieved.

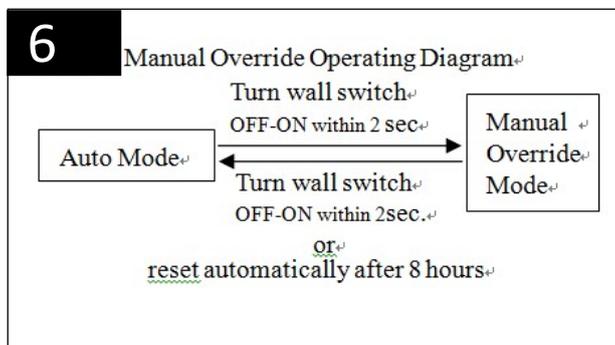
NOTE: The higher sensitivity level increases the Likelihood of a false activation being triggered.

5.The 180 degree coverage of the motion sensor is measured side to side. Therefore, the sensor will better detect motion across the field of view(side-to-side),rather than motion coming straight at the sensor (in-and-out). Adjust the motion sensor head so that it detects motion moving across the cover area. The position of the sensor head should not exceed 45 degrees from horizontal. Do not aim the Motion sensor at a body of water, bushes or plants that may move in the wind, pedestrian traffic, moving cars, Etc., as this will trigger the motion sensor.



NOTE: if the Sensor arm becomes loose, it will not hold the sensor head at the joint screw on the sensor arm.

6. When the TIMER control knob be set at the Timer area (between “1” and “10”, the sensor is in Auto mode at this time) ,to control the light from inside the home, activate manual override mode by toggling the wall light switch OFF and ON within 2 seconds. The security light will turn on and stay on for approximately 8 hours, or until the Dusk-to-Dawn sensor detects light in the morning. Once the Dusk-to-Dawn sensor detects light, the manual override mode will automatically go back to its original settings of the AUTO motion sensor



LIGHT OPERATION

MODE	CONTROL KNOB	WALL SWITCH	SENSITIVITY KNOB
Test mode.	Test position.	On.	Any setting.
AUTO motion sensor mode.	Timer area (between “1” and “10”).	On.	Any setting.
Dusk to Dawn mode.	D2Dposition.	On.	Any setting.
Manual override mode.	Timer area(between “1” and “10”)..	Toggle OFF and ON within two seconds.	Any setting.
Return to AUTO Motion sensor mode.	Timer area(between “1” and “10”)..	On.	Any setting.

CARE AND MAINTENANCE

- Periodically clean the fixture and diffuser using a mild, non-abrasive cleaner and soft cloth. When cleaning the fixture, make sure the power is turned off. Do not spray cleaner directly onto any part of the fixture or LEDs.

TROUBLESHOOTING

- Extreme hot or cold weather could affect the performance of the built-in sensors that detect body heat. Certain winter clothing can shield a person’s body heat from the sensor during extreme cold weather. During extreme hot weather, the sensor may not be able to distinguish the difference between normal body temperatures and the surrounding high temperatures. The sensor will begin working normally once weather conditions return to normal.

PROBLEM	POSSIBLE CAUSE	CORRECTIVE ACTION
Light does not come on at night when Motions detected.	1. No power is being delivered to the fixture. 2. Another light source is causing the security light to think it is daylight. 3. Wiring inside electrical box came loose.	1. Check that circuit breaker and/or wall switch power is on. 2. Turn off surrounding lights and/or re-aim the sensor head. 3. AFTER turning power off to the fixture, reconnect any loose wiring.

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	CORRECTIVE ACTION
Security light comes on during the day.	<ol style="list-style-type: none">1.Dusk-to-Dawn sensor is a shaded area and is fooled into thinking it is nighttime.2.Dusk-to-Dawn sensor is faulty.	<ol style="list-style-type: none">1.Shine a flashlight onto the light sensor. If the security light turns off then the fixture is mounted in an area that does not allow enough light to enter the sensor. Relocate security light.2.If under warranty, contact Customer Service.
Security light cycles ON and OFF continuously.	<ol style="list-style-type: none">1.Dusk-to-Dawn sensor is sensing reflected light from the security light.	<ol style="list-style-type: none">1.Change the position of the light head, aim light away from the reflecting surfaces.2.Put a small piece of black electrical tape over the Dusk-to-dawn sensor.3.Relocate the security light to a different location where it no longer causes reflected light.
Security light comes on for no apparent reason at night.	<ol style="list-style-type: none">1.Light is sensing motion in the detection zone.	<ol style="list-style-type: none">1.Make sure the sensor is not picking up moving objects such as bushes, trees, traffic, water, etc.2.Test the motion sensor by covering up the front curved lens with cardboard to block the view. If the light turns off then something in the detection zone is triggering the sensor. Reposition the motion sensor or change the sensitivity (distance) of the sensor.

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