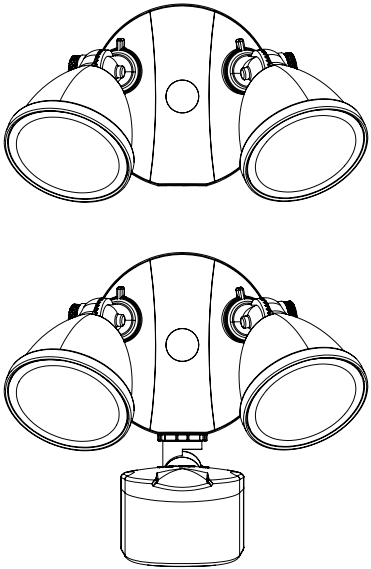
MORRIS

LED Twin Head Security Light



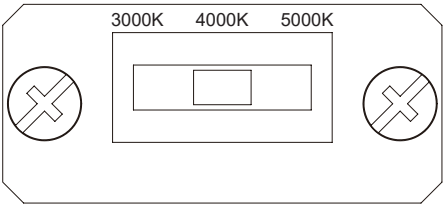
WARNING

Read all of these installation instructions before installing the fixture. These products may represent a possible shock or fire hazard if improperly installed or attached in any way. Products should be installed by a qualified electrician in accordance with these instructions, current local electrical code or the current National Electric Code (NEC).

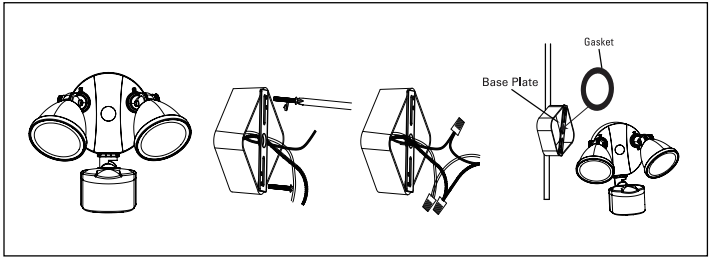
1. This product must be installed by a person familiar with the construction and operation of the product and the hazards involved, and in accordance with current electrical codes and/or the current National Electric Code (NEC).
2. To reduce the possibility of electric shock, fixture must be grounded.
3. Do not attempt to open the LED light engine.
4. Do not look directly into fixture.
5. Fixture is equipped with 120 VOLT Driver ONLY.

INSTRUCTIONS

1. Before installation, please cut off the power.
2. Remove old fixture if necessary for installation.
3. Connect line voltage (hot) AC supply wire(s) (Black) to the line voltage AC wire(s) (Black) inside the canopy via the wire connector.
4. Connect neutral (common) AC supply wire(s) (White) to the neutral AC wire(s) (White) inside the canopy via the wire connector.
5. Connect the grounded AC supply wire(s) [Green or bare wire(s)] to the grounded AC wire(s) [bare copper wire(s)] using the wire connector.
6. Position the switch on the inside of the mounting canopy to select desired color temp.

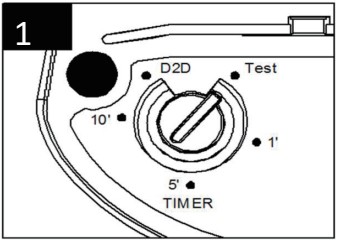


7. To prevent rain, use silicone caulk to caulk the top and sides of the canopy and aiming arm.



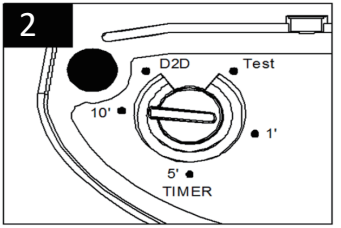
OPERATING INSTRUCTIONS

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.

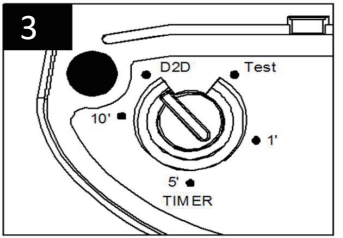


1.The motion sensor must be tested before setting the Time and sensitivity levels. The TEST option is located on the TIMER control knob on the underside of the sensor head. To test the fixture, switch the wall switch that controls power to the fixture to the ON position and turn the rotary knob to the “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.

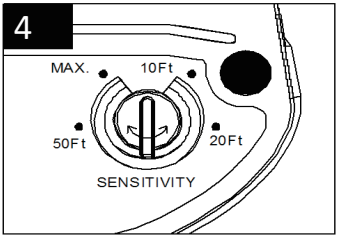
2.Once the fixture has been tested for proper operation and sensitivity, rotate the TIMER control knob past the “1” setting into the timer settings. The time settings indicate how long the light stays on after the PIR senses motion. Rotating this knob clockwise raises the stay on time of the motion sensor for up to 10minutes .Rotating the knob counterclockwise shortens the stay on time to as close as 1 minutes (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.

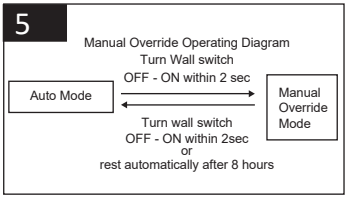


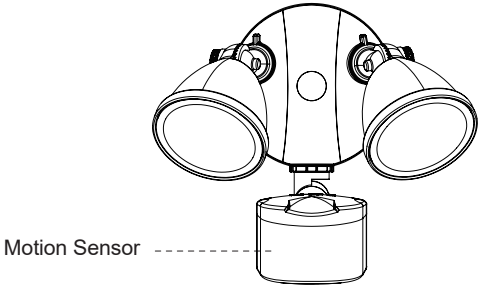
4.The control knob located on the opposite side is Marked SENSITIVITY, which determines the degree of Motion detection. Rotating this knob clockwise raises the sensitivity of the motion sensor for up to 60 ft of distance. Rotating the knob counterclockwise lowers the sensitivity down to as close as 10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



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

5. 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.





Motion Sensor Features:

Turn-On Light Levels: 20-90 Lux

Turn-Off Light Levels: Max 800 Lux

Time Delay: 10-600 Seconds (To avoid the influence of other light sources, a delay of 10s-600s is set when the fixture is turned off).

Sensitivity: 10FT, 20 FT, 50 FT, 60 FT（MAX）

Timer: 1Minutes, 5 Minutes, 10 Minutes

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.	D2D position.	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.

NOTE: Manual override mode means that the TIMER button is between one and ten minutes. At night, when the lamp is on, turn off the power and turn it on again within two seconds. The lamp will automatically light up for eight hours during which the Motion Senor will not work. If it does not arrive for eight hours, when the outdoor light reaches the brightness that triggers the shutdown of the lamp, the lamp will be turned off, after the lamp is turned off, it will automatically return to the Auto motion sensor mode.

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.	1. Dusk-to-Dawn sensor is a shaded area and is fooled into thinking it is nighttime. 2. Dusk-to-Dawn sensor is faulty.	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.	1. Dusk-to-Dawn sensor is sensing reflected light from the security light.	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.	1. Light is sensing motion in the detection zone.	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.

Reminder

Problem	Problem Cause	Corrective Action
Light does not come on at night when motion is detected	1. No power is being delivered to the light. 2. Another light source is causing the security light to think it is daylight. 3. Wiring inside electrical box came loose.	1. Check that ciruit 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 light, reconnect any loose wiring.
Security light comes on during the day	Sensor is in a shaded area and is fooled into thinking it is nighttime.	1. Shine a flashlight onto the light sensor. 2. Relocate security light to where allows enough light enter the sensor during daytime.
The Light flashes	There is lighting, arc welding, mobile sources or other unstable light.	Avoid to irradiate by such light source.

WARNING: PROPOSITION 65

Handling the coated electrical wires and fixture of this product can expose you to chemicals including lead, which is known to the State of California to cause cancer and/or birth defects or other reproductive harm. For more information go to www. P65Warnings.ca.gov

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