

## MOTION ACTIVATED LED SECURITY LIGHT (Page 1) ÉCLAIRAGE DE SÉCURITÉ ACTIVÉ PAR LES MOUVEMENTS (Page 6) LUZ LED DE SEGURIDAD ACTIVADA POR MOVIMIENTO (Página 11)

### To Begin/Pour commencer/Para comenzar

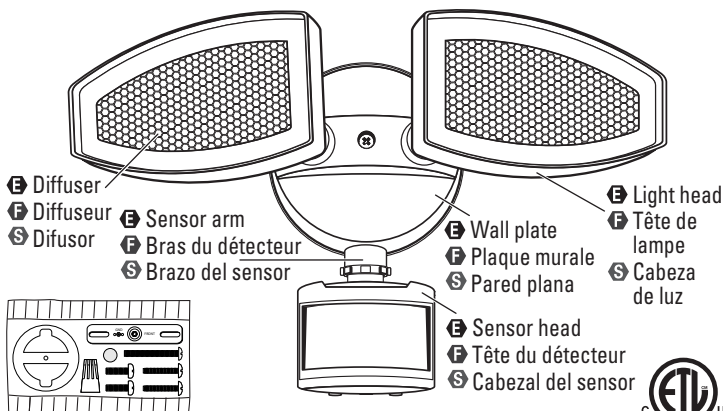


**ⓘ WARNING:** Please read this entire manual before installation.

Verify the following contents:

**ⓘ AVERTISSEMENT :** Veuillez lire ce mode d'emploi du début à la fin avant de commencer l'installation. Vérifiez le contenu suivant :

**ⓘ ADVERTENCIA:** Por favor, lea este manual completo antes de realizar la instalación. Verifique el siguiente contenido:



**ⓘ Hardware kit** (Actual hardware may differ from illustration).

**ⓘ Trousse de quincaillerie** (La quincaillerie incluse peut être différente de l'illustration.)

**ⓘ Kit de aditamentos** (Los aditamentos reales pueden diferir de los que se muestran en la ilustración.)



### Required/Nécessaire/Se necesita

**ⓘ Installation time:** 45 minutes

**ⓘ Temps d'installation :** 45 minutes

**ⓘ Tiempo de instalación:** 45 minutos



**ⓘ Safety glasses**  
**ⓘ Lunettes de sécurité**  
**ⓘ Gafas de seguridad**



**ⓘ Phillips screwdriver**  
**ⓘ Tournevis cruciforme**  
**ⓘ Destornillador Phillips**



**ⓘ Flathead screwdriver**  
**ⓘ Tournevis à tête plate**  
**ⓘ Destornillador de cabeza plana**



**ⓘ Wire cutters**  
**ⓘ Coupe-fil**  
**ⓘ Pinzas cortacables**



**ⓘ Drill**  
**ⓘ Perceuse**  
**ⓘ Taladro**



**ⓘ Electrical tape**  
**ⓘ Ruban isolant**  
**ⓘ Cinta aislante**



**ⓘ Drill bits 1/16 in.**  
**ⓘ Forets de 1/16 po**  
**ⓘ Brocas para taladro de 1/16 pulg**



**ⓘ Silicone**  
**ⓘ Silicone**  
**ⓘ Silicona**



**ⓘ Pliers**  
**ⓘ Pincers**  
**ⓘ Pinzas**



**ⓘ Wire strippers**  
**ⓘ Pincers à dénuder**  
**ⓘ Pinzas pelacables**

### English

## Warnings and Cautions

### WARNING

- Shut off power at the circuit breaker or fuse panel before removing the old fixture or installing the new one.
- LEDs can be damaged by electrostatic discharge (ESD) shock. Before installation, discharge yourself by touching a grounded bare metal surface to remove this hazard. To avoid damage, do not remove the clear lens over the LED module.

### CAUTION

- **DO NOT USE THIS FIXTURE WITH A DIMMING CIRCUIT.** If dimmer controls are present, remove them and replace them with regular electrical switches. If a three-way dimmer is present, replace it with a regular three-way switch. If unfamiliar with electrical installations, it is recommended a qualified electrician do the installation.
- This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

# Important Safety Instructions

**WARNING:** To reduce the risk of FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS:

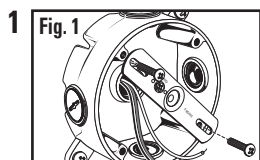
1. Do NOT touch LEDs.
2. Do NOT remove the protective clear LED lens.
3. Do NOT look directly at lighted LEDs for any length of time.
4. Do NOT touch, operate, or install fixture while in contact with water.
5. For electrical requirements, see back of the fixture. Minimum 90° supply conductors.
6. Do not leave bare wires exposed outside the wall canopy enclosure.
7. Suitable for installation onto round surface mount electrical boxes or recessed electrical boxes rated for wet locations. Fixture can be wall or eave mounted. NOT suitable for ground mount installations.
8. Do NOT allow the sensor head to touch the LED head housing. Maintain at least 1 in. spacing between the LED heads and the sensor head.
9. For proper operation and protection against water damage, the motion sensor head controls MUST be facing downward.
10. Do NOT mount below 5 ft.

**SAVE THESE INSTRUCTIONS IN A LOCATION CLOSE TO THE FIXTURE TO REFER TO THEM AT A LATER TIME.**

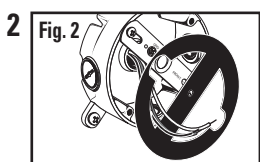
Select the installation location carefully. Do not install in areas having pedestrian or motorized traffic, pools or bodies of water, or trees/bushes that move in the wind. All of these may trigger the motion sensor security light and may be disruptive to the intended operation of the light. Do NOT install near other sources of light, as this can fool the Dusk-to-Dawn sensor into thinking it is daylight.

## Installation For Round Surface Mount Electrical Boxes

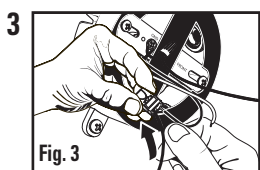
Disconnect power to the electrical box and remove the old fixture. If more than two wire leads are present, keep track of which wires were connected together.



Pull the supply wires out of the electrical box. Using the machine screws that fit the electrical box, secure the mounting strap to the electrical box, making sure that the side marked "FRONT" is facing out (**Fig. 1**).

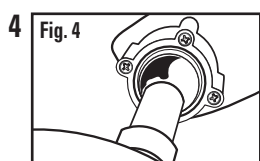


Remove the protective paper barrier from the adhesive face of the foam gasket. Trace the supply wires through the openings in the gasket and adhere the gasket to the mounting strap and outer edge of the round surface mount electrical box (**Fig. 2**).

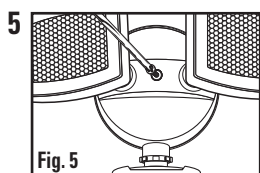


For safety and proper installation, the fixture must be properly grounded. If unfamiliar with the methods of properly grounding the fixture, consult with a qualified electrician. A green copper ground wire is pre-attached to the fixture. If the electrical box is made of plastic and/or has a green or bare copper grounding wire inside, the fixture grounding wire and the

electrical box ground wire should be connected together using the wire nut. If the electrical box is made of metal and already grounded, secure the bare end of the fixture ground wire to the mounting strap marked "GND" using the green grounding screw. Push-in connectors are pre-installed onto the fixture's wire leads to allow for easy connection. Insert the black lead from the electrical box into the black wire push-in connector (**Fig. 3**). Repeat with the white leads. Push the excess wires back into the electrical box.

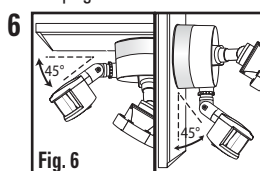


If the light head is loose and will not hold its position tighten the screws located on the backside of the light head that surround the pivot joint (**Fig. 4**). **NOTE:** Tighten the screws before securing the fixture to the electrical box.

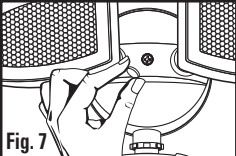


Position the wall plate over the mounting strap so the center hole of the wall plate aligns with the center hole in the mounting strap. While holding the wall plate in place, put the long machine screw through the center hole of the wall plate and mounting strap. Tighten the screw properly to secure the wall plate onto the electrical box (**Fig. 5**). **NOTE:** Make sure the gasket

properly seals the gap between the wall plate and the electrical box to prevent water seepage into the electrical box.

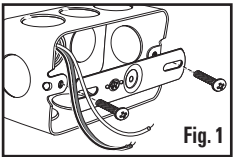
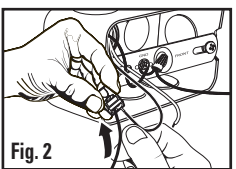


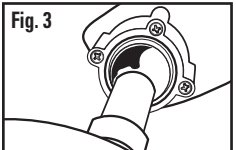
If eave mounting the fixture, position the sensor head with the adjustment controls and drain holes facing downward to prevent water damage (**Fig. 6**). The position of the sensor head should not exceed 45 degrees from horizontal.

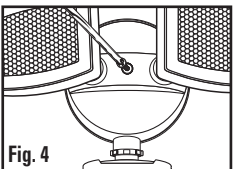
- 7**  Restore power to the electrical box at the circuit breaker or fuse panel. Make sure the wall switch that controls the electrical box for your security light is returned to the "ON" position and check that your light is functioning properly. If the light is functioning properly, fit the silicone cap into the mounting screw opening to prevent water seepage into the housing (**Fig. 7**).

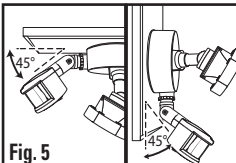
## Installation For Recessed Electrical Boxes

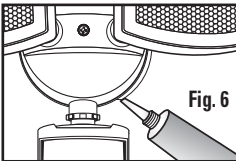
Disconnect power to the electrical box and remove the old fixture. If more than two wire leads are present, keep track of which wires were connected together.

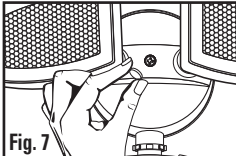
- 1**  Pull the supply wires out of the electrical box. Using the machine screws that fit the electrical box, secure the mounting strap to the electrical box, making sure that the side marked "FRONT" is facing out (**Fig. 1**).
- 2**  For safety and proper installation, the fixture must be properly grounded. If unfamiliar with the methods of properly grounding the fixture, consult with a qualified electrician. A green copper ground wire is pre-attached to the fixture. If the electrical box is made of plastic and/or has a green or bare copper grounding wire inside, the fixture grounding wire and the electrical box ground wire should be connected together using the wire nut. If the electrical box is made of metal and already grounded, secure the bare end of the fixture ground wire to the mounting strap marked "GND" using the green grounding screw. Push-in connectors are pre-installed onto the fixture's wire leads to allow for easy connection. Insert the black lead from the electrical box into the black wire push-in connector (**Fig. 2**). Repeat with the white leads. Push the excess wires back into the electrical box.

- 3**  If the light head is loose and will not hold its position tighten the screws located on the backside of the light head that surround the pivot joint (**Fig. 3**). **NOTE:** Tighten the screws before securing the fixture to the electrical box.

- 4**  Position the wall plate over the mounting strap so the center hole of the wall plate aligns with the center hole in the mounting strap. While holding the wall plate place the long machine screw through the center hole of the wall plate and mounting strap. Tighten the screw properly to secure the wall plate onto the mounting surface (**Fig. 4**).

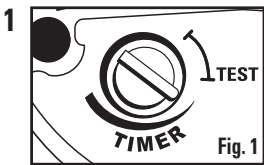
- 5**  If eave mounting the fixture, position the sensor head with the adjustment controls and drain holes facing downward to prevent water damage (**Fig. 5**). The position of the sensor head should not exceed 45 degrees from horizontal.

- 6**  Restore power to the electrical box at the circuit breaker or fuse panel. Make sure the wall switch that controls the electrical box for your security light is returned to the "ON" position and check that your light is functioning properly. If the light is functioning properly, use silicone adhesive caulking (not included) to caulk the gap between the wall plate and the mounting surface to prevent water seepage into the electrical enclosure (**Fig. 6**).

- 7**  Fit the silicone cap into the mounting screw opening to prevent water seepage into the housing (**Fig. 7**).

# Operating Instructions

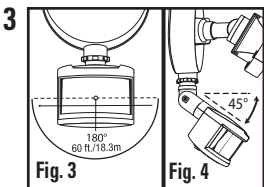
The motion sensor on this fixture has a built in Dusk-to-Dawn sensor. The Dusk-to-Dawn sensor disables the motion sensor during daylight hours. The motion sensor will not activate during daylight hours regardless of motion detection.



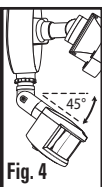
The motion sensor must be tested before setting the time and sensitivity levels. The **TEST** option is located on the **TIMER** control knob on the underside of the sensor head. To test the fixture, switch the wall switch that controls power to the fixture to the ON position and turn the rotary knob to the “TEST” area. [The lights will come on for 40 seconds regardless of whether there is motion or not, and regardless of whether it is day or night.] 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 (Fig. 1). The test is now complete.



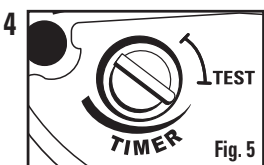
The control knob located on the opposite side is marked **SENSITIVITY**, which determines the degree of motion detection. Rotating this knob clockwise raises the sensitivity of the motion sensor for up to 60 ft. of distance. Rotating the knob counterclockwise lowers the sensitivity down to as close as 5 ft. It may be necessary to adjust the “SENSITIVITY” knob several times until the proper setting is achieved (Fig. 2). NOTE: The higher sensitivity level increases the likelihood of a false activation being triggered. For maximum range performance, allow the fixture to operate in any setting (with power) for at least 48 hours.



The 180 degree coverage of the motion sensor is measured side to side (Fig. 3). 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 coverage area. The position of the sensor head should not exceed 45 degrees from horizontal (Fig. 4). 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 proper angle. Readjust the sensor head and tighten the joint screw on the sensor arm.



Once the fixture has been tested for proper operation and sensitivity, rotate the rotary knob on the **TIMER** control to the “TIMER” area. The “TIMER” position allows the fixture to go into AUTO motion sensor mode. Rotating the knob clockwise increases the duration of light up to 5 minutes once motion is detected. Rotating the knob counterclockwise decreases the duration of light down to 10 seconds once motion is detected. It may be necessary to adjust the “TIMER” knob several times until the desired length of time is determined (Fig. 5).

5 To control the security light from inside the home, activate manual “ON” 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 “ON” mode will automatically go back to its original settings of the AUTO motion sensor mode.

## Security Light Operation

MODE	TIMER KNOB	WALL SWITCH	SENSITIVITY KNOB
Test mode.	Test area.	On.	Any setting.
AUTO motion sensor mode.	Timer area.	On.	Any setting.
Manual “ON” mode.	Timer area.	Toggle OFF and ON within two seconds.	Any setting.
Return to AUTO motion sensor mode	Timer area.	On.	Any setting.

## Care and Maintenance

**IMPORTANT:** This light fixture uses light emitting diodes (LEDs) to provide light. LEDs do not have a filament to burn out like a traditional light bulb. LEDs gradually emit less light over their lifetime, but will typically last 50,000 hours in a residential environment.

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.