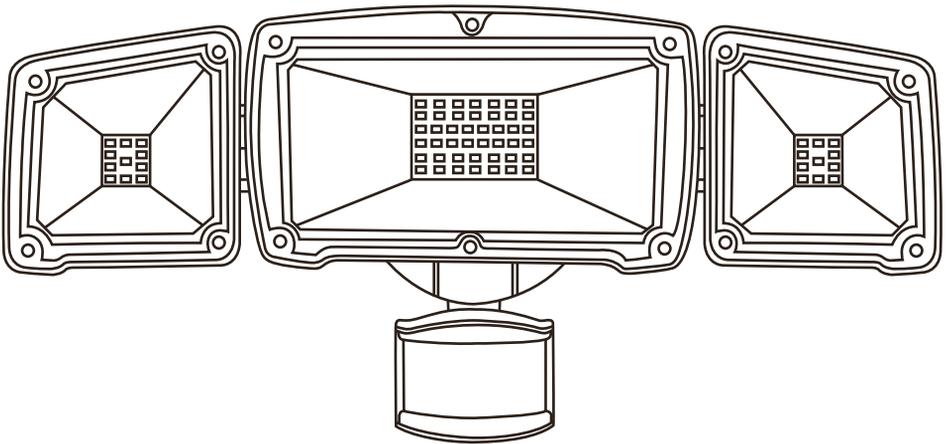


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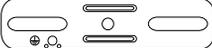
LED MOTION-ACTIVATED SECURITY LIGHT



DS-90-934A

Please read these instructions thoroughly prior to installation, then store in a safe place for future reference.

PACKING LIST

 <p>SECURITY LIGHT</p>	 <p>A: Screw x 1 (Painted Green)</p>  <p>B: Screw x 2 (M4*25MM)</p>  <p>B1: Screw x 1 (M4*60MM)</p>	 <p>C: Ring + Nut</p>  <p>D: Wire Nuts</p>  <p>E: Crossbar</p>  <p>F: EVA Gasket</p>
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TOOLS REQUIRED (not included)

					
Flathead Screwdriver	Screwdriver	Silicone Sealant	Step Ladder	Eye Protection	Pliers

NOTES:

1. THE SECURITY LIGHT DETECTS A DISTANCE UP TO 49 FT., AT AN AMBIENT TEMPERATURE OF 77 DEGREES FAHRENHEIT, RH 30%-80%. TEMPERATURE CHANGES AFFECT THE DETECTION DISTANCE.
2. TO REDUCE POSSIBLE NUISANCES, DO NOT MOUNT THE FIXTURE NEAR A HEAT SOURCE LIKE AN AIR CONDITIONER, VENT OR FURNACE EXHAUST, OR IN A DIRECTION FACING ANY REFLECTIVE OBJECT OR OTHER NEARBY LIGHT SOURCE.
3. DO NOT PLACE THE SENSOR WITHIN A 1.5M RADIUS OF A REFLECTIVE OBJECT. A NEARBY REFLECTIVE OBJECT WILL CAUSE THE LIGHTS TO FLASH.

SAFETY INFORMATION

Please read and understand this entire manual before attempting to assemble, operate or install the product. PRODUCT MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN!

WARNING

- ▲ Shut off power at the circuit breaker or fuse panel before removing the old fixture or installing the new one.
- ▲ LED electronics can be damaged by electrostatic discharge (ESD). Before installation, discharge the unit 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 you currently have dimmer controls, you will need to remove them and replace them with regular electrical switches. If you have a three-way dimmer, you will have to replace it with a regular three-way switch. If you are unfamiliar with electrical installations, it is recommended you have a qualified electrician perform the installation.

IMPORTANT SAFETY INSTRUCTIONS

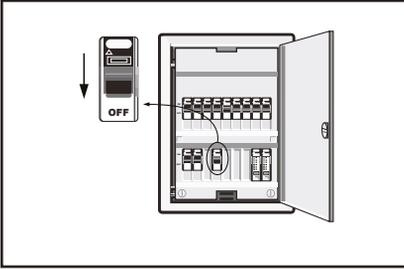
1. Turn the power OFF before installing or servicing.
2. Do NOT touch or install the fixture while in contact with standing water.
3. Do NOT remove the protective LED lens.
4. Do NOT look directly at lit LEDs for any length of time.
5. Do NOT leave bare wires exposed outside of the wall canopy enclosure.
6. Electrical requirements: 120V, 60Hz
7. Suitable for wall or eave mounting onto recessed or round surface mounted electrical boxes rated for wet location. Not suitable for ground mount electrical boxes.
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 adjustment controls MUST be facing downward.
10. Do NOT mount the unit lower than 5 ft.

PREPARATION

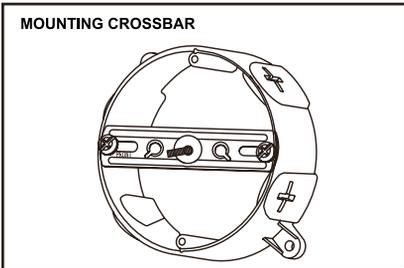
Before beginning the installation of this product, make sure all parts are present. Compare the received parts with the packing list. If any part is missing or damaged, do not attempt to install the product.

Estimated Assembly Time: 30-60 minutes

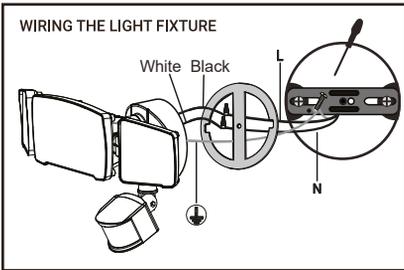
PRODUCT MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN!



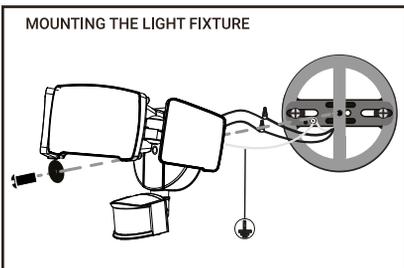
1. Turn the power OFF to work area at main circuit breaker or fuse box.
CAUTION: Do not rely on wall switch to turn the power off.



2. Attach crossbar (E) to junction box (not included) with two long machine screws (B). Install the screw (B1) on the center hole, make sure the screw thread is pointing away from the surface.



3. Remove the protective paper barrier from the adhesive face of the EVA gasket (F) and adhere the gasket to the crossbar and outer edge of the round surface junction box. Ensure that the short machine screw on the crossbar is threaded through the hole of EVA gasket. Wire the light and junction box through the EVA gasket:
 - 1). Connect the white wire from the light to the white wire on the junction box by twisting Wire Nut (D).
 - 2). Connect the black wire from the light to the black wire from the junction box by twisting Wire Nut (D).
 - 3). Connect the green/yellow wire from light to the ground wire from junction box by using ground screw (A, painted green) onto the crossbar.



4. Make sure all wire connections are secure. Carefully place wires into junction box. Position wall plate over the crossbar (E). Mount the light onto the crossbar and secure with the NUTS (C) DO NOT over tighten. For wet locations, make sure to fill any gaps of the EVA gasket and mounting surface with a sealing compound or silicon glue. Once all connections are complete and the silicone is dry, turn on the power to the lights from the main junction box or circuit breaker panel.

IMPORTANT:

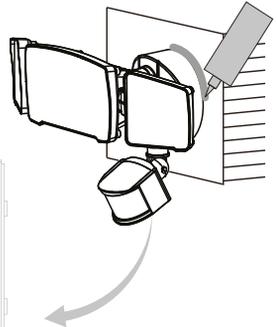
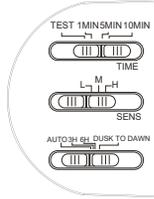
After mounting the motion-activated light, apply silicone sealant completely around the perimeter of the cover plate where the back of the cover plate meets the mounting surface. Silicone sealant prevents water from seeping into the junction box.

CAUTION:

Make sure the motion detector head is not UPSIDE DOWN! Rotate the motion sensor so that the controls face the detection areas.



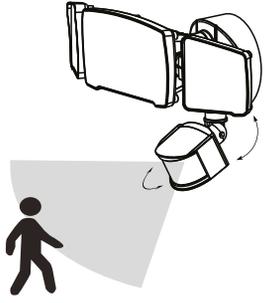
SENSOR ANGLES 180°



Installation is now complete. Turn on power at circuit breaker and flip wall switch to ON position. The wall switch must remain in the ON position for the motion detector to work properly at all times (including daytime).

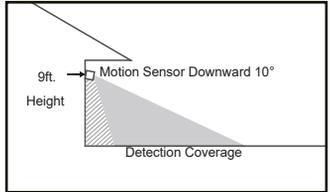
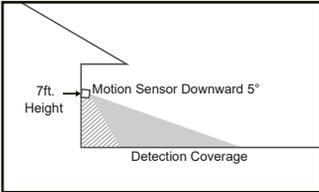
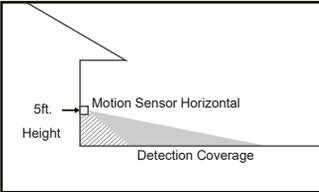
ADJUSTING THE SENSOR HEAD:

Aim the sensor head toward the desired detection area and make sure it is positioned with controls facing the ground. You can adjust the sensor head up and down, left to right for the desired coverage area.

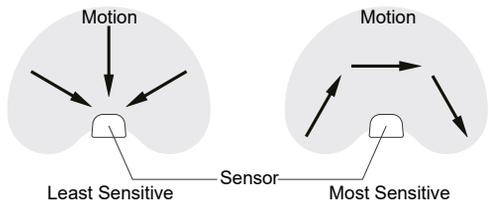


RECOMMENDED INSTALL HEIGHT: 6.5-13 feet above the ground.

At this recommended height, the fixture will provide a detection distance of up to 49 feet, at 77 degrees Fahrenheit.



The sensor will be more sensitive to motion across rather than motion towards it directly.



OPERATING INSTRUCTIONS:

There are many changeable settings. Please set the settings that meet your needs.

1) TIME SETTING: Time Delay

TEST: Help to quickly adjust and test the fixture. FOR TESTING ONLY.

When the motion sensor detects you, the light will turn on for 6 seconds at any time (day/night).

1 MIN: the light(s) will remain on for 1 min after motion detection at night.

5 MIN: the light(s) will remain on for 5 min after motion detection at night.

10 MIN: the light(s) will remain on for 10 min after motion detection at night.

2) SENSITIVITY SETTING: Maximum detection distance

H: High sensitivity, up to 49 FT (max detection distance for this light)

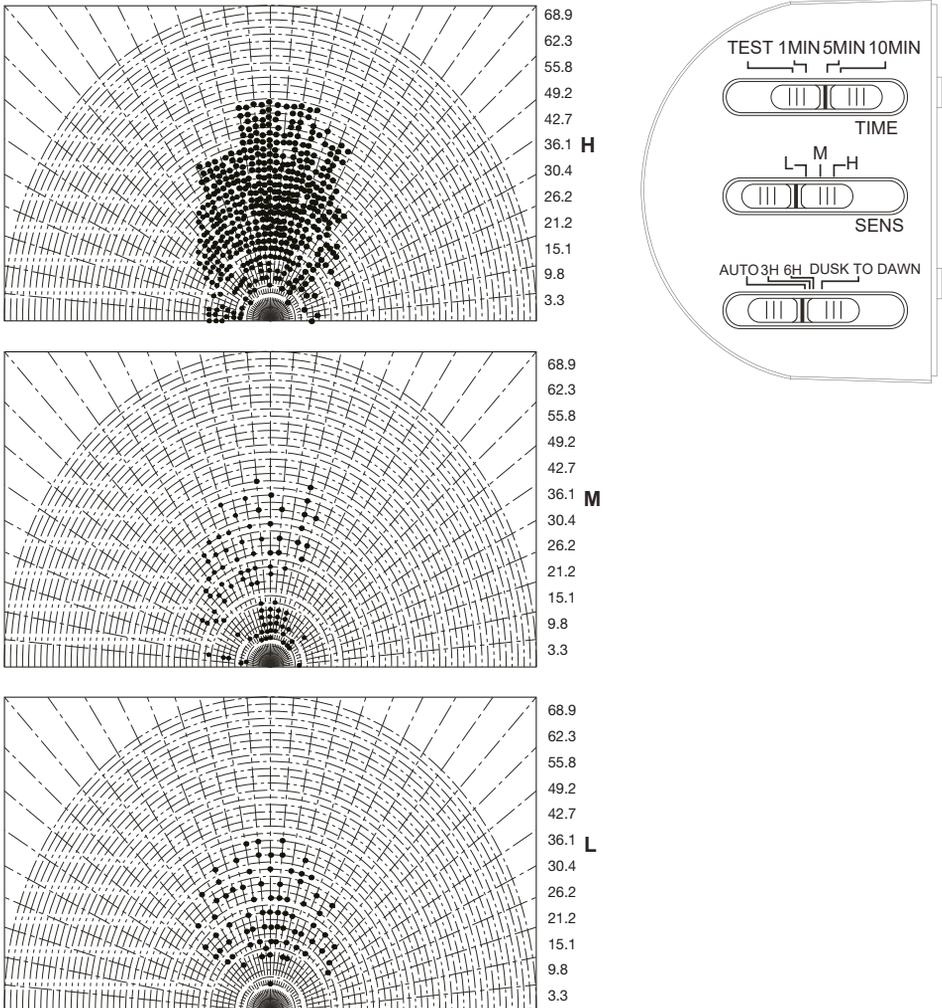
M: Medium sensitivity, up to 36 FT

L: Low sensitivity, up to 26 FT

NOTE: At an ambient temperature of 77 degrees Fahrenheit, the detection distance is at its max. As the temperature increases or decreases, the detection distance is affected.

Motion Sensor Sensitivity Diagram

When 2 infrared rays (dots in the diagram) are triggered, the sensor will be triggered.



3) MODE

AUTO:

The light acts as an automatic sensor at night. When motion is detected, the light will activate at its maximum brightness. If you select this option, you can set the lighting time and the sensitivity of the sensor simultaneously.

3H:

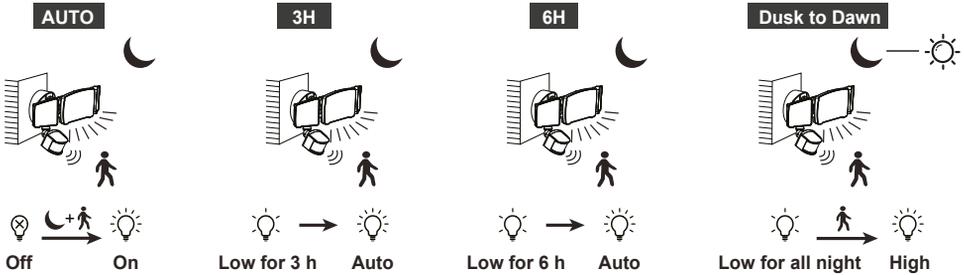
At dusk, the light will be low for 3 hours, and when motion is detected, it will turn to high. After 3 hours it will switch to Auto mode.

6H:

At dusk, the light will be low for 6 hours, and when motion is detected, it will turn to high. After 6 hours, it will switch to Auto mode.

Dusk to Dawn:

From night to dawn, the light will stay on low. When motion is detected, it will switch to highlight mode.



MAINTENANCE:

Any cleaning or maintenance of the lights should be done with the power turned off. The lamp should be wiped clean with a damp cloth. Do not use any abrasive cleaning products on the lamp cap or motion sensor lens. Don't add paint to the lamp. Do not use high-pressure nozzles for cleaning. Regularly check whether the silica gel or sealant is still in place and that the lamp is still firmly affixed on the wall.

TROUBLES SHOOTING

PROBLEM	CAUSE	CORRECTIVE ACTION
Light does not come on at night when motion is detected	<ol style="list-style-type: none"> No power is being delivered to the light. Another light source is causing the security light to think it is daylight. The wiring inside the electrical box came loose. 	<ol style="list-style-type: none"> Check that the circuit breaker and /or wall switch power is on. Turn off surrounding lights and/or re-aim the sensor head. After turning power off to the light, reconnect any loose wiring.
Security light comes on during the day	The sensor is in a shaded area and is fooled into thinking it is nighttime.	<ol style="list-style-type: none"> Shine a flashlight onto the light sensor. Relocate the security light to a location that allows enough light enter the sensor during the daytime.
The light flashes on and off	There is lighting, arc welding, mobile sources or other such unstable light nearby.	Relocate the light to another location to avoid such light sources.

The 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.

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