

PRODUCT SPECIFICATIONS

- Detection Method: PIR (Passive Infrared)
- Detection Range: Max.70ft
- Detection Angle: Up to 240°
- LED Angle: 120°
- Time Adjustment: (minimum) 5 seconds to 1, 5, 12 minutes
- Operating Voltage: 110 ~240 volts 50Hz/60Hz
- IP Rating: 44

Note : Sensor has a 1 1/2 minute warm up period before it will detect motion. when first turned on, wait 1 1/2 minutes.

TROUBLESHOOTING GUIDE

SYMPTOM	POSSIBLE CAUSE
Lights will not come on	1. Light switch is turned off. 2. Light is loose or burned out. 3. Fuse is blown or circuit breaker is turned off. 4. Daylight turnoff is in effect (recheck after dark). 5. Incorrect circuit wiring, if this is a new installation. 6. Re-aim the sensor to cover desired area
Lights come on in day light.	Light control may be installed in a relatively dark location.
Lights come on for no apparent reason.	Light control may be sensing small animals or automobile traffic (re-aim sensor). Range is set too high. (Reduce Range setting).
Lights stay on continuously.	1. A lamp is positioned too close to the sensor or pointed at nearby objects that cause heat to trigger the sensor. (Reposition the lamp away from the sensor or nearby objects). 2. Reduce sensitivity.
Lights flash on and off.	1. Heat or light from the lamps may be turning the light control on and off. (Reposition the lamps away from the sensor). 2. Heat being reflected from other objects may be affecting the sensor. (Reposition sensor).

PRODUCT MAINTENANCE

To clean the surface of the light, use mild soap and water.
Do not use scouring pads, powders, steel wool or any other abrasive materials. Do not immerse in water.

INSTRUCTIONS



LED MOTION SENSOR SECURITY LIGHT

Item: 4-80053 / 4-80054



IMPORTANT SAFETY INSTRUCTIONS

Before you begin installing, servicing, or maintenance of this product, follow these general precautions.

- **For commercial installation:** service and maintenance of this product should be performed by a qualified, licensed electrician.
- **For residential installation:** If you are unsure about the installation or maintenance of this product, consult a qualified licensed electrician.
- Do not mount the unit against flammable surfaces.
- This product is intended to be used outdoors, and be subject to the elements; such as rain and snow and we recommend it to be mounted at least 6’ 6” off the ground
- This LED product must be powered directly to a switched circuit. (on/off).
- This product should not be used in areas with limited ventilation or high ambient temperatures.
- This product CAN NOT be used with a dimmer switch, motion or occupancy sensor or other electronic switching device.
- This product is intended to be connected to a properly installed and grounded UL listed junction box.

WARNING: RISK OF ELECTRICAL SHOCK

- Turn off electrical power at fuse or circuit breaker box before wiring product to the power supply.
- Verify voltage is 110V-240V before installing.
- Make all electrical and grounded connections in accordance with the National Electric Code and any applicable local code requirements and All wiring connections should be capped with UL listed wire connectors.

CAUTION: RISK OF PRODUCT DAMAGE

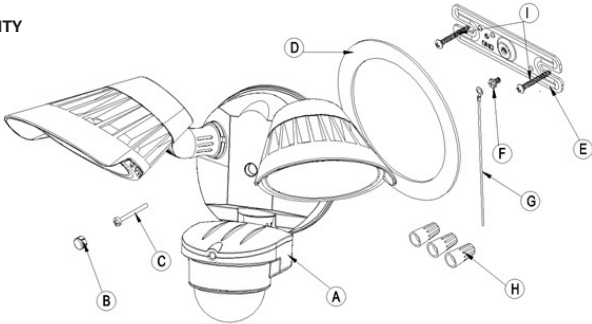
- Never connect fixture with power on.
- Avoid covering LED products with insulation, foam, or other materials that will prevent convection or conduction cooling.
- Never connect an LED product directly to dimmer packs, occupancy sensors, timing devices, or other related control devices, unless individual product specifications deem otherwise.
- LED products are polarity sensitive, ensure proper polarity before installation.
- Do not touch the individual electronic components, it may cause ESD (Electronic Discharge), shorten lamp life or alter performance.

CAUTION: RISK OF INJURY

- Avoid direct eye exposure to the light source while it is on.
- Let it cool completely before handling.

INSTALLATION INSTRUCTIONS

PART	DESCRIPTION	QUANTITY
A	Light Fixture	1
B	Plastic Screw Cover	1
C	Stainless Steel Screw	1
D	Gasket (optional)	1
E	Cross Bar	1
F	Grounding Screw	1
G	Grounding Wire	1
H	Wire Nut	3
I	Stainless Steel Mounting Screws	2

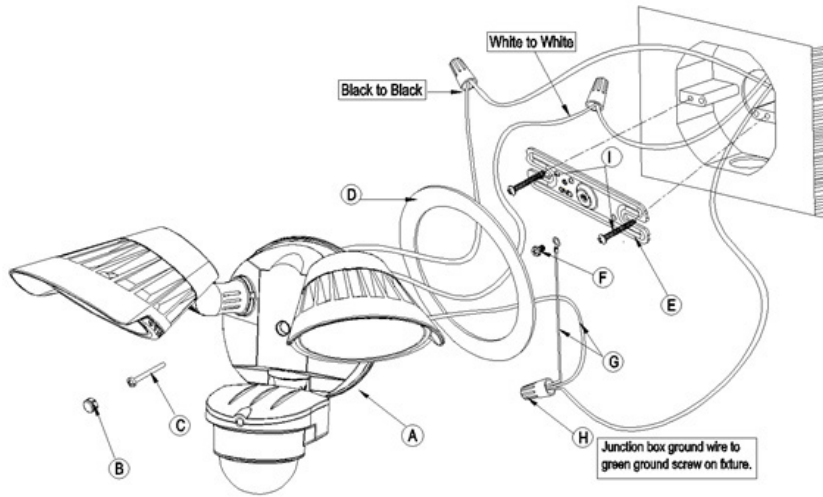


Silicon Sealant recommended (not included)
Tools Required for Installation: Phillips screwdriver, level

1. MOUNTING AND WIRING THE LIGHT

Note: Do not mount on the ground, recommended installation height is 6 ½ feet to 10 feet

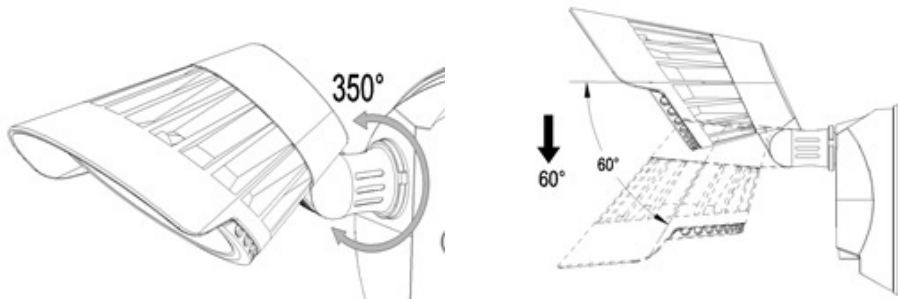
** Before you begin make sure that your power is turned off at your circuit breaker box **



1. Install the cross bar (E) to the junction box and secure with the (2) mounting screws (I).
2. On the cross bar locate GND, attach the ground wire (G) with the grounding screw (F) to the cross bar.
3. Use a wire nut (H) to connect the ground wire (G) to the house ground wire (typically copper). For proper connection, place wire nut over wires and twist clockwise until tight.
4. Connect supply wires with wire nuts (H) as shown in the figure above.
 - Black supply wire connects to the Black power supply wire (Live)
 - White product wire connects to the White supply wire (Neutral)
5. You may use the optional gasket (D) at this time.
6. Install the light fixture (A) to the cross bar (E). Use silicon sealant (not included) around the perimeter of the light to seal for moisture.
7. Screw in the stainless steel screw (C) to hold fixture in place. Insert plastic screw cover (B) into screw hole.
8. Turn on your electricity after the install has been completed.
9. Turn on power switch. (If power switch is not on, the light will not cycle on or off)

2. ADJUSTING YOUR LIGHT HEADS

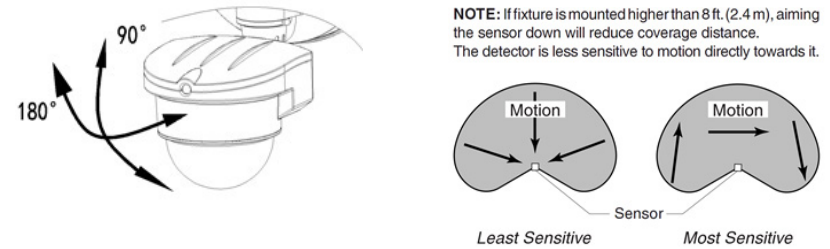
Your light heads can be adjusted by turning the individual light head to desired position. You can also adjust your light head up and down to your desired position.



WARNING : Risk of fire. Do not aim the bulbs at a combustible surface within 3 ft. (1m)

3. ADJUSTING YOUR MOTION SENSOR

Your sensor head can be adjusted by turning the individual up and down to your detection distance.



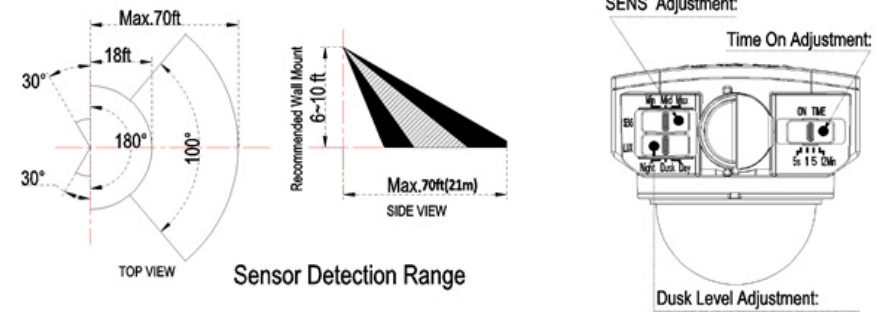
INSTALLATION

Note: Mount the fixture higher than 8 ft. (2.4 m), aiming the sensor down will reduce coverage distance.



ATTENTION: Keep the sensor at least 2" (51 mm) away from the lamps.

4. SETTING THE MOTION SENSOR



SENSOR ADJUSTMENTS

** You must adjust the motion sensor on the light to the desired area before you can adjust the time and LUX settings**

TIME SETTING

The TIME setting controls how long the unit remains illuminated following activation and after all motion ceases. The minimum time (slide switch) is approx. 5 seconds, the maximum time (slide switch) is approximately 12 minutes. Set the slide switch to control to the desired setting between these limits.

LUX SETTINGS

The LUX slide switch knob control determines the level of darkness required for the unit to start operating.

The setting is best achieved by the procedure below:

- Set the slide switch knob to the "Night" position on behalf of sensors to work only at night (about : 0-20lux)
- Set the slide switch knob to the "Dusk" position on behalf of sensors in the environment into the twilight state can work (about : 0-200lux)
- Set the slide switch knob to the "Day" position on behalf of sensors in the environment on behalf of the state can work during the day (about :0-2000lux)

SENS SETTINGS

The SENS slide switch knob control :

Set the slide switch knob to the "Min" position. The sensor is low sensitivity setting.

Set the slide switch knob to the "Mid" position. The sensor is generally sensitivity setting.

Set the slide switch knob to the "Max" position. The sensor is high sensitivity setting.