

# MOTION-ACTIVATED LED LIGHT

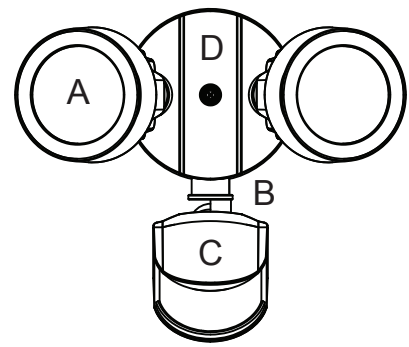
## PACKAGE CONTENTS

A= LED Head\*2PCS

B= Sensor Arm\*1PC

C= Sensor Head\*1PC

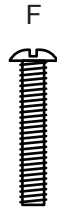
D= Wall Plate\*1PC



## HARWARE CONTENTS



Screw  
Qty.1



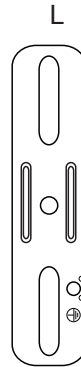
Screw  
Qty.3



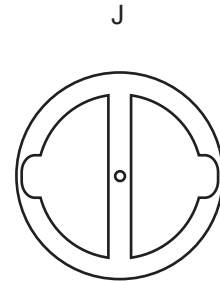
Wire Nut  
Qty.2



Ring  
Qty.1



Crossbar  
Qty.1



EVA Gasket  
Qty.1

## TOOLS REQUIRED (not included)

Flathead Screwdriver	Screwdriver Phillips	Silicone Sealant	Step Ladder	Eye Protection	Pliers

## SAFETY INFORMATION

Please read and understand this entire manual before attempting to assemble, operate or install the product.

### 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) 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 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 do your installation.

### IMPORTANT SAFETY INSTRUCTIONS

1. Turn power OFF before installing or servicing.
2. Do NOT touch or install fixture while in contact with standing water.
3. Do NOT remove the protective LED lens.
4. Do NOT look directly at lighted LEDs for any length of time.
5. Do NOT leave bare wires exposed outside the wall canopy enclosure.
6. Electrical requirements: 110V, 60Hz, 0.31A.
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 below 5 ft.

## PREPARATION

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

\*Estimated Assembly Time: 30-60 minutes

\*Tools Required for Assembly (not included):

Phillips screwdriver, flat-head screwdriver, step ladder, pliers, silicone sealant.

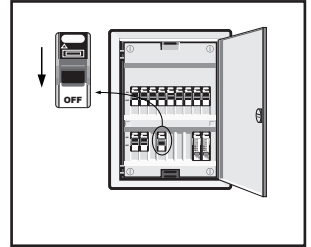
## ASSEMBLY INSTRUCTIONS

CAUTION:

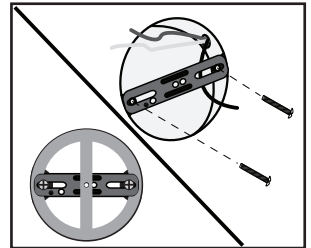
IF UNFAMILIAR WITH THE METHODS OF PROPERLY GROUNDING THE FIXTURE, CONSULT WITH A QUALIFIED ELECTRICIAN.

1. Turn OFF power to work area at main circuit breaker or fuse box.

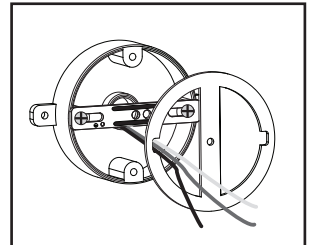
CAUTION: Do not rely on wall switch alone to turn off power



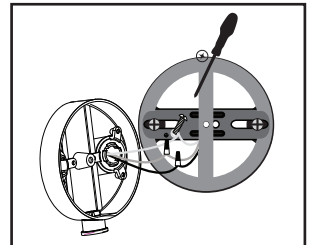
2. Attach crossbar (I) to junction box (not included) with two screws (F)



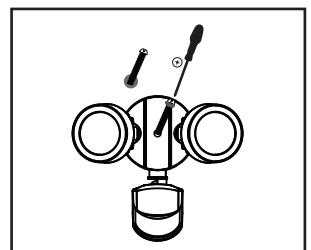
3. Remove the protective paper barrier from the adhesive face of the EVA GASKET (J). Pull out the supply wires through the openings in the gasket and adhere the gasket to the crossbar and outer edge of the round surface mount electrical box.



4. A YELLOW copper ground wire is pre-attached with SCREW(E, painted blue). Connect bare ground wire to the SCREW(E, painted blue) on the crossbar. Connect BROWN WIRE (Live Wire) from light to the bare end of wires (Live Wires) from outlet box by twisting WIRE NUT (G). Connect the BLUE WIRE (Neutral Wire) from the light to the bare end of wire (Neutral Wire) from outlet box by the other twisting WIRE NUT (G).



5. Make sure wire connections are secure. Carefully place wires into junction box. Position the light WALL PLATE(D) over the CROSSBAR(I). Insert the SCREW(F) into the RING (H) (which may be done at factory). Put the SCREW(F) with RING (H) through the center hole and into the CROSSBAR(I) and tighten the screw until secure. DO NOT overtighten.



**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 motion detector head is not UPSIDE DOWN! Turn the head so that controls face the ground. If the head is turned upside down, the motion detector can be damaged by rain.

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

# OPERATING INSTRUCTION

## TIME SETTING

Time Delay: Test/30s/60s/120s

TEST: Help to quick adjust and test the fixture, it can detect you and turn on for 6 seconds in day or at night.

Once the fixture has been tested for proper operation, move the switch to 30S, 60S or 120S position.

Each of these positions allows the fixture to go into AUTO motion sensor mode. Each of these settings indicates the time frame that the light will remain on after detecting motion.

30s Setting:

the light(s) will come on for 30s after detection motion, and the will go off and return to the AUTO motion sensor mode.

60s Setting:

the light(s) will remain on for 60s after detection motion.

120s Setting:

the light(s) will remain on for 120s after detection motion.

## NOTE:

If motion is continuously detected during the lights' ON cycle, the lights will remain on until the motion ceases.

## DISTANCE SETTING:

Detective Distance:

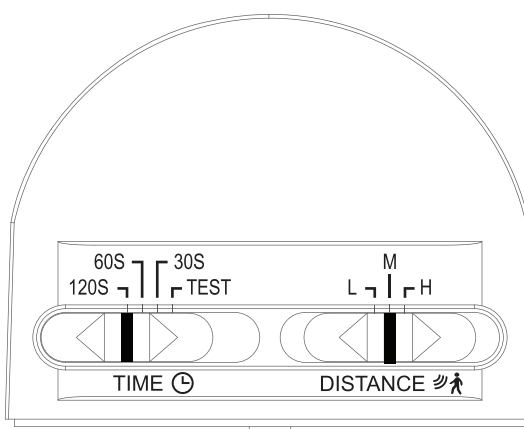
L:0-5M M:5-10M H:>10M

L=Low Detect Range M=Medium Detect Range

H=Max Detect Range

NOTE: At an ambient temperature of 25 °C , the detection distance is at max..

As the temperature increase or decreases, the detection distance will be reduced.



## TROUBLES SHOOTING

Problem	Problem Cause	Corrective Action
Light does not come on at night when motion is detected	<ol style="list-style-type: none"> <li>1. No power is being delivered to the light</li> <li>2. Another light source is causing the security light to think it is daylight</li> <li>3. Wiring inside electrical box came loose.</li> </ol>	<ol style="list-style-type: none"> <li>1. Check that circuit breaker and /or wall switch power is on.</li> <li>2. Turn off surrounding lights and/or re-aim the sensor head.</li> <li>3. After turning power off to the light, reconnect any loose wiring</li> </ol>
Security light comes on during the day  The Light flashes	<p>Sensor is in a shaded area and is fooled into thinking it is nighttime</p> <p>There is lighting, arc welding, mobile sources or other such unstable light</p>	<p>Shine a flashlight onto the light sensor. Relocate security light to where allows enough light enter the sensor during daytime.</p> <p>Avoid to irradiate by such light source</p>