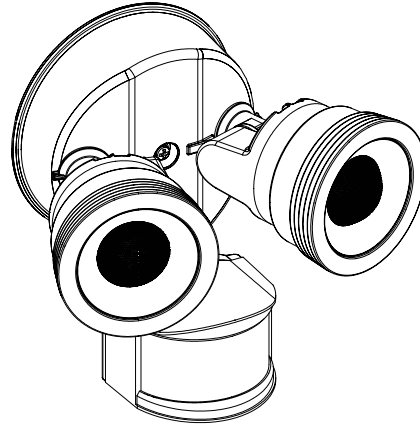


**MaxLite® MSL2HA Series:****Security Light With Motion Sensor, 2 Head, Adjustable Beam - 25W****General Safety Information****WARNING: RISK OF SHOCK**

House electrical current can cause painful shock or serious injury unless handled properly. For your safety, always remember to:

- Turn off the power at the fuse or circuit breaker box before you install the LED light fixture.
- This LED light fixture is designed for use in a circuit protected by a fuse or circuit breaker. It is also designed to be installed in accordance with local electrical codes. If you are unsure about your wiring, consult a qualified electrician or local electrical inspector, and consult your electrical code.
- Account for small parts and destroy packing material, as these may be hazardous to children.

**WARNING: RISK OF INJURY**

- Do not open LED light fixture. No serviceable parts inside.

*Pictures are for illustration purposes only. Your model may vary.*

**WARNING: RISK OF FIRE**

- Most dwellings built before 1985 have a supply wire rated 60°C. Do not overload the circuit and wiring. Consult a qualified electrician.
- This device complies with part 15 of the FCC Rules. Operation is subject to the following 2 conditions:
- This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: Reorient or relocate the receiving antenna. Increase the separation between the equipment and receiver. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. Consult the dealer or an experienced radio/TV technician for help.
- The Ground-fault circuit interrupter (GFCI) socket carried with this product is not allowed to be used on rainy days.
- Do NOT mount below 5 feet.
- To protect against water damage and maintain proper light operation, the motion sensor adjustment controls MUST face downward.
- Not for use with dimmers or 3-way switches. If you have those in place, remove them and replace with regular electrical switches.

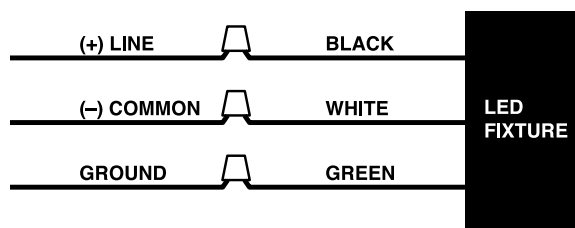
**Models:**

MSL2HA

## MaxLite® MSL2HA Series:

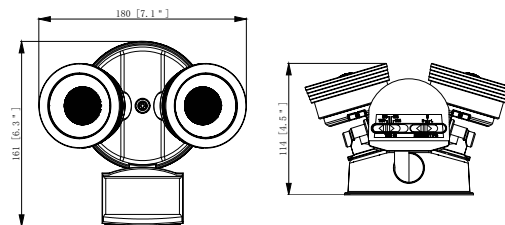
## Security Light With Motion Sensor, 2 Head, Adjustable Beam - 25W

## Wiring Diagram



## Specifications

|               |                 |
|---------------|-----------------|
| Voltage       | 120V            |
| Wattage       | 25 Watts        |
| Environmental | Wet location    |
| Housing       | Plastic & Metal |
| Warranty      | 3 Years         |



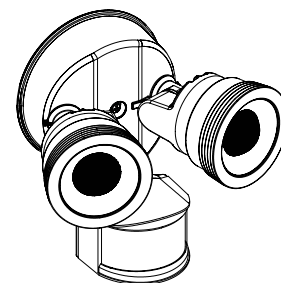
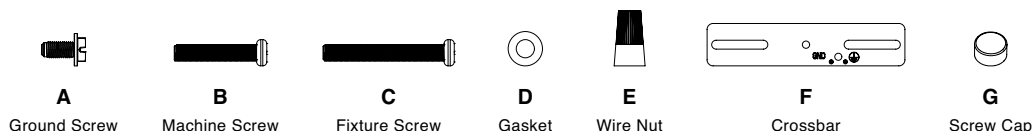
## Installation Instructions

**WARNING:** THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

**WARNING:** To reduce the risk of fire, electric shock or injury to people:

- Not for use with dimmers or 3-way switches. If you have those in place, remove them and replace with regular electrical switches.
- To avoid damage, do not remove the clear lens over each LED module.
- Do NOT allow the sensor head to touch the LED head housing. Maintain at least a 1-inch space between LED heads and sensor head.
- Turn off the switch and circuit breaker before installing this LED light fixture. Do NOT rely upon wall switch alone to turn off power.
- Use safety precautions. Safety eyeglasses and gloves are recommended.

## Installation Schematic:



**Tools Required:** Phillips Screwdriver; Silicone (optional, used for wet locations) PPE - Eye Protection

**Note:** Before beginning installation of the product, make sure all parts are present. If any part is missing or damaged, do not attempt to assembly, install or operate the product. Contact customer service for replacement parts.

1. Turn off the switch and circuit breaker before installing this LED light fixture.

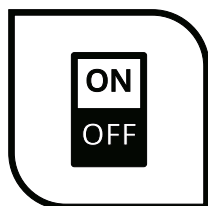
2. Insert the **Machine Screw (B)** into the center hole of the **Crossbar (F)**. Attach the crossbar to your junction box (*not included*) with the other 2 **Machine Screws (B)**.

Note: Ensure the screw thread on the center hole is pointing away from the surface

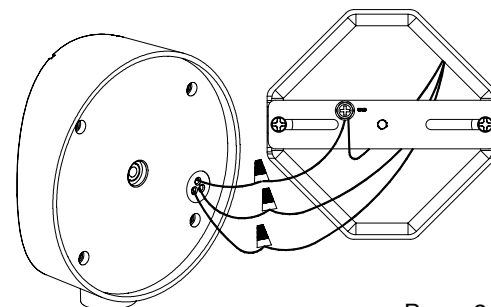
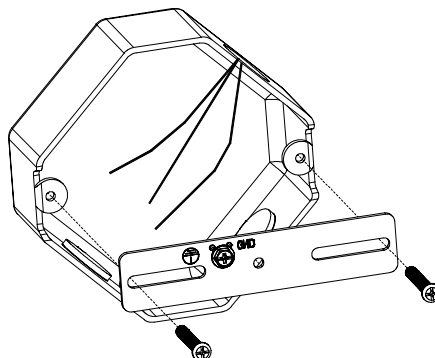
3. Connect supply wires to the LED wires and secure with **Wire Nuts (E)**.

- Black to Black (live)
- White to White (neutral)

Connect the yellow/green ground wires from supply to the LED light and secure using **Ground Screw (A)** on the crossbar. Tuck wires into junction box once you confirm wire connections are secure.



Turn Power  
OFF





## MaxLite® MSL2HA Series:

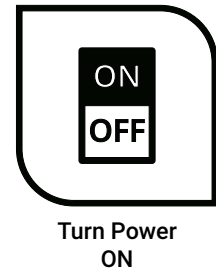
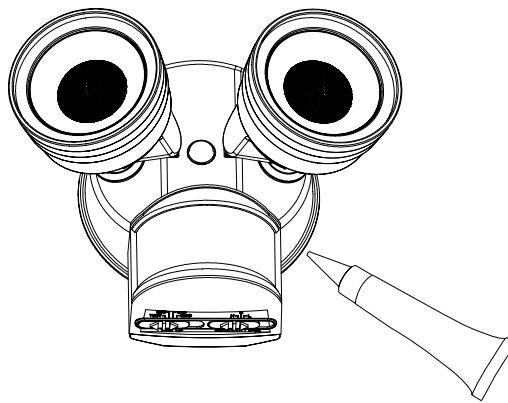
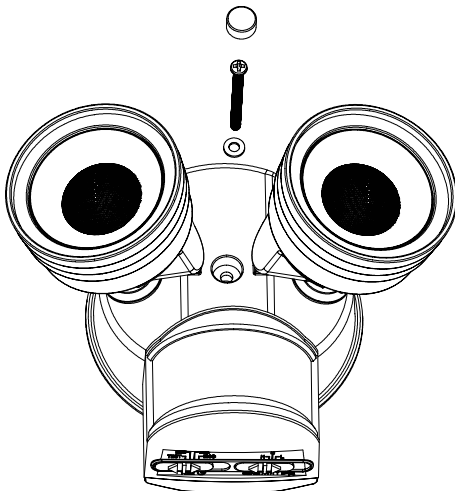
### Security Light With Motion Sensor, 2 Head, Adjustable Beam - 25W

#### Installation Instructions – continued

4. Position the light fixture over the crossbar. Mount the light onto the crossbar using the **Fixture Screw (C)** and **Gasket (D)**. Make sure not to overtighten the gasket. Then install the **Screw Cap (G)**. Make sure the motion detector head is **NOT** upside down. Rotate the motion sensor so the sensor faces the detection areas.

5. After mounting the motion-activated light, apply a silicone sealant compound (not included) around the perimeter of the cover plate. This will seal where the back of the cover plate meets the mounting surface. Sealant will prevent water from seeping into the junction box.

6. Turn on breaker and light switch. When the sensor detects movement at night within the coverage area, the security light will automatically turn on. Establish the time settings and maximum sensing range using the instructions provided in the next section.



#### Settings & Operational Instructions

**IMPORTANT:** Installation should be performed by a qualified electrician.

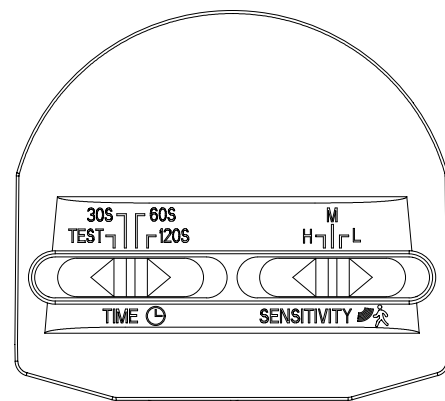
Please read and understand the entire manual prior to attempting to assemble, operate or install this product.

- To protect against water damage and maintain proper light operation, the motion sensor adjustment controls **MUST** face downward.
- Wall switch must remain ON continually for the motion detector to work.
- If motion is continually detected, then the light will remain on until after motion ceases.
- Do NOT mount below 5 feet.

#### Auto Motion Sensor Mode: Setting Lights-On Duration

- TEST-LEDs stay on constantly at night.
- 30S-LEDs will come on for 30 seconds after motion is detected.
- 60S-LEDs will come on for 60 seconds after motion is detected.
- 120S-LEDs will come on for 120 seconds after motion is detected.

LED lights will auto off and return to the auto motion sensor mode after illumination for a set time period. *(The LEDs do not light up during the daytime, but only at night or when it is dark enough)*

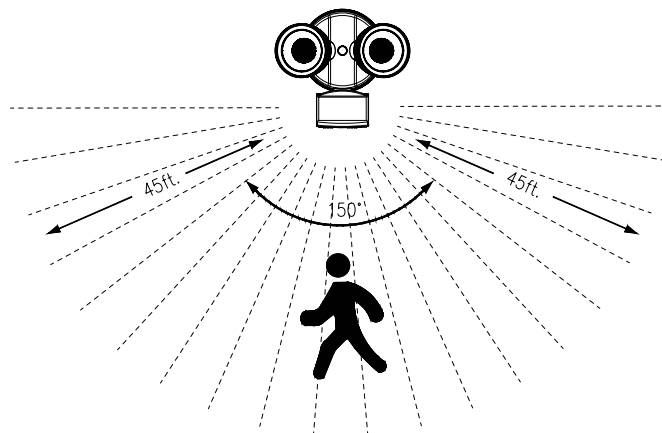


**MaxLite® MSL2HA Series:****Security Light With Motion Sensor, 2 Head, Adjustable Beam - 25W****Settings & Operational Instructions - continued****Setting Motion Detection Range**

There are (3) setting modes you can select to establish the motion detection range:

- 13ft - 20ft (4m - 6m)
- 20ft - 33ft (6m - 10m)
- 33ft - 45ft (10m - 14m)

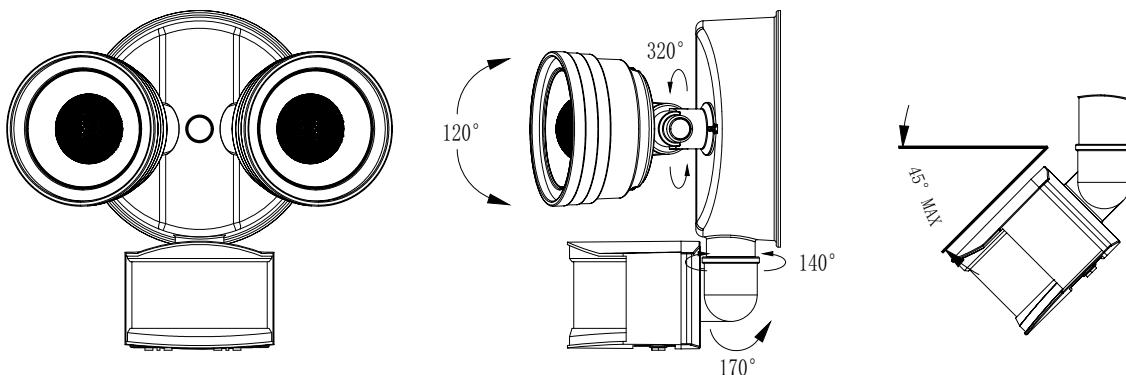
To determine which setting is best for your location and whether you need to reposition the LED heads lay down a measuring tape from light location extending outwards. Next, walk in an arc across the front of the light to set off the motion detector and turn on the light. You can also walk straight towards the light to determine the distance you require. Select the appropriate setting based on your findings.

**Adjustment and Rotation**

There are 6 swivel points to adjust light position.

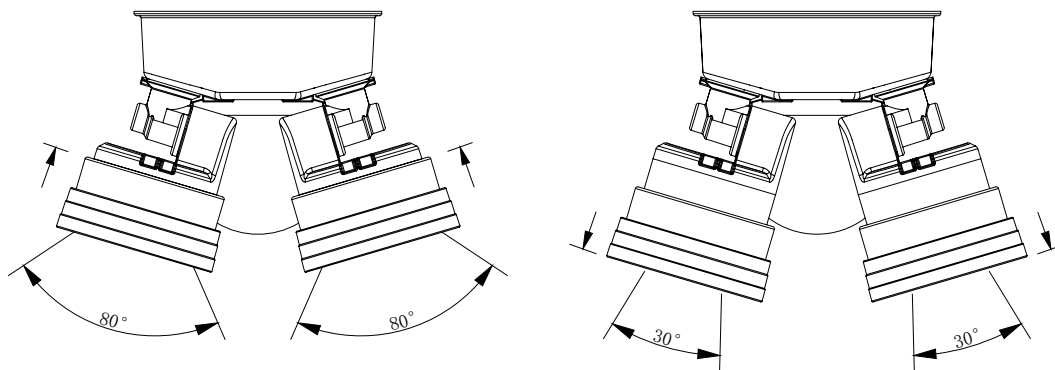
There are 2 swivel points to adjust sensor position.

The angle of the motion detector head affects the detection range. Please avoid exceeding 45 degrees when adjusting it downward.

**Adjustable Beam Angle**

The push-pull lens assembly enables beam angle adjustment. The lens can be positioned to an optimal orientation according to the target irradiation area

When the lens is at its lowest position, the beam angle is up to 80°; at its highest position, the beam angle decreases to 30°



**MaxLite® MSL2HA Series:****Security Light With Motion Sensor, 2 Head, Adjustable Beam - 25W****Warranty Information**

Maxlite Inc. warrants its products for a minimum period of **FIVE (5)** years from the earlier of the actual installation date or 90 days after the original date of purchase from a Maxlite authorized distributor/dealer (the "Warranty Period"), as follows: If a Product fails to operate during the Warranty Period as a result of defects in materials or workmanship, Maxlite will, at its option, repair it, replace it with the same or like Product.

Please refer to Maxlite's website (at <http://maxlite.com/resources/warranties>) for the complete coverage details as well as the terms and conditions of our warranty. Please note that it is NOT a requirement to register your warranty in order to initiate a warranty claim unless a Ten Year warranty has been purchased separately, or when applicable and/or purchased separately, your warranty contains a replacement labor allowance.

**Limitation of Liability**

THIS WARRANTY IS EXCLUSIVE, AND IS THE SOLE REMEDY FOR ANY AND ALL CLAIMS, WHETHER IN CONTRACT, IN TORT OR OTHERWISE ARISING FROM THE FAILURE OF PRODUCT AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ALL WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH WARRANTIES ARE HEREBY EXPRESSLY DISCLAIMED TO THE EXTENT PERMITTED BY LAW AND, IN ANY EVENT, SHALL BE LIMITED TO THE WARRANTY PERIOD SPECIFIED ABOVE. THE LIABILITY OF MAXLITE SHALL BE LIMITED TO THE TERMS OF THE EXPRESS WARRANTY SET FORTH HEREIN. IN NO EVENT WILL MAXLITE BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES INCLUDING, WITHOUT LIMITATION, DAMAGES RESULTING FROM LOSS OF USE, PROFITS, BUSINESS OR GOODWILL, LABOR COSTS, REMOVAL OR INSTALLATION COSTS, WHETHER OR NOT MAXLITE HAS BEEN ADVISED OF THE POSSIBILITY THEREOF. UNDER NO CIRCUMSTANCES SHALL MAXLITE'S ENTIRE LIABILITY FOR A DEFECTIVE PRODUCT EXCEED THE PURCHASE PRICE OF THAT PRODUCT (EXCLUDING LABOR WARRANTY COVERAGE WHERE SPECIFICALLY OFFERED BY MAXLITE). WARRANTY SERVICES PROVIDED UNDER THESE TERMS AND CONDITIONS DO NOT ENSURE THE UNINTERRUPTED OPERATION OF PRODUCTS; MAXLITE SHALL NOT BE LIABLE FOR DAMAGES CAUSED BY ANY DELAYS INVOLVING WARRANTY SERVICE.

This Warranty gives you specific legal rights and you may also have other rights that may vary from state to state. Because some states or jurisdictions do not allow the exclusion or limitation of liability for consequential or incidental damages, such limitation may not apply to you.