

MaxLite® MSL3H Series: Security Light With Motion Sensor, 3 Head - 50W

General Safety Information

WARNING:

- To reduce the risk of death, personal injury or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards read all warnings and instructions included with and on the fixture box and all fixture labels.
- Before installing, servicing, or performing routine maintenance upon this equipment, follow these general precautions.
- Commercial installation, service and maintenance of luminaires should be performed by a qualified licensed electrician.
- For the installation: If you are unsure about the installation or maintenance of the luminaires, consult a qualified licensed electrician and check your local electrical code.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.
- Turn off electrical power at fuse or circuit breaker box before wiring fixture to the power supply.
- Turn off the power when you perform any maintenance.
- Verify that supply voltage is correct by comparing it with the luminaire label information.
- All wiring connections should be capped with UL approved wire connectors.



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

CAUTION:

RISK OF INJURY

- Wear gloves and safety glasses at all times when removing luminaire from carton, installing, servicing or performing maintenance.
- Avoid direct eye exposure to the light source while it is on.
- Account for small parts and destroy packing material, as these may be hazardous to children.

CAUTION:

RISK OF FIRE

- Avoid direct eye exposure to the light source while it is on.
- Account for small parts and destroy packing material, as these may be hazardous to children.
- Risk of burn. Disconnect power and allow fixture to cool before changing bulb or handing fixture.

NOTE: Green ground screw provided in proper location. Do not relocate.

NOTE: Minimum 90° supply conductors.

NOTE: Specifications and dimensions subject to change without notice.

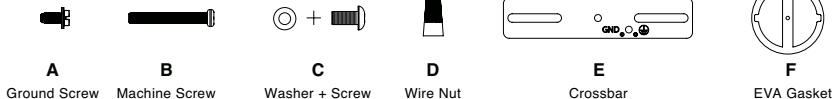
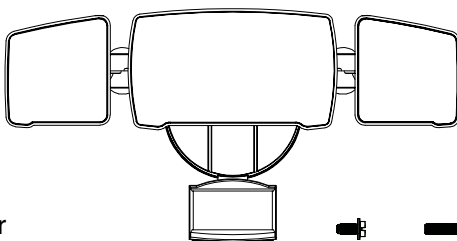
NOTE: Suitable for Wet location.

Models:

MSL3H

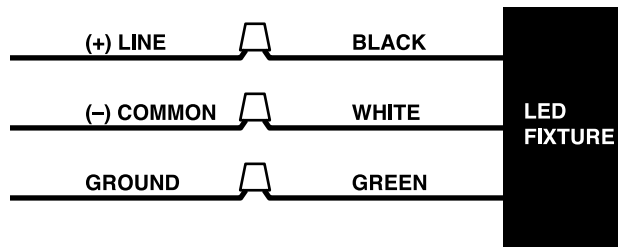
Included in the box:

- 1 – LED Luminaire
- 1 – Ground screw
- 3 – Machine screws
- 1 – Mounting screw & washer
- 2 – Wire nuts
- 1 – Crossbar
- 1 – EVA gasket



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Wiring Diagram



Specifications

Voltage	120V
Wattage	50 Watts
Environmental	Wet location
Housing	Plastic & Metal
Warranty	5 Years

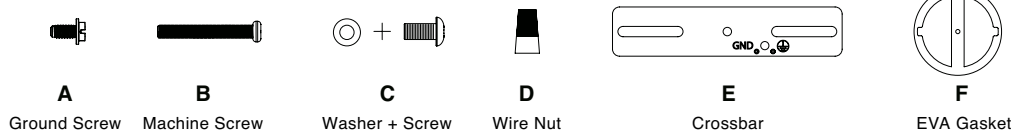
Installation Instructions

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 (E)**. Attach the crossbar to your junction box (*not included*) with the other 2 **Machine Screws (B)**.

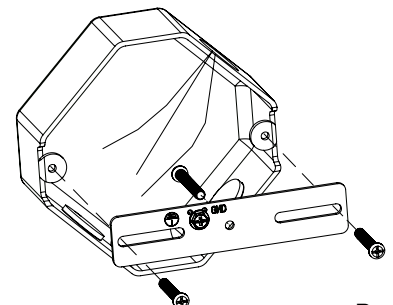
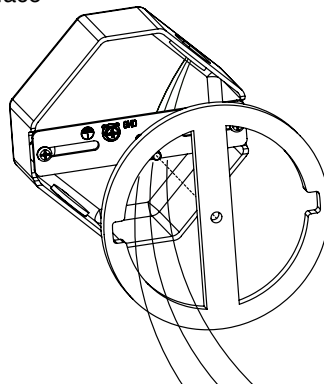
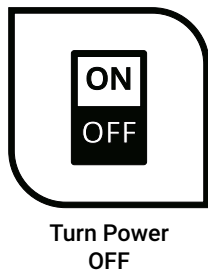
Note: Ensure the screw thread on the center hole is pointing away from the surface

3. Remove the protective paper from the adhesive face of the **EVA Gasket (F)**.

4. Pull the supply wires through the gasket opening.

5. Adhere the EVA Gasket to the crossbar and outer edge of the round, surface mount junction box.

Note: Ensure that the center machine screw on the crossbar is threading through the hole of the EVA Gasket



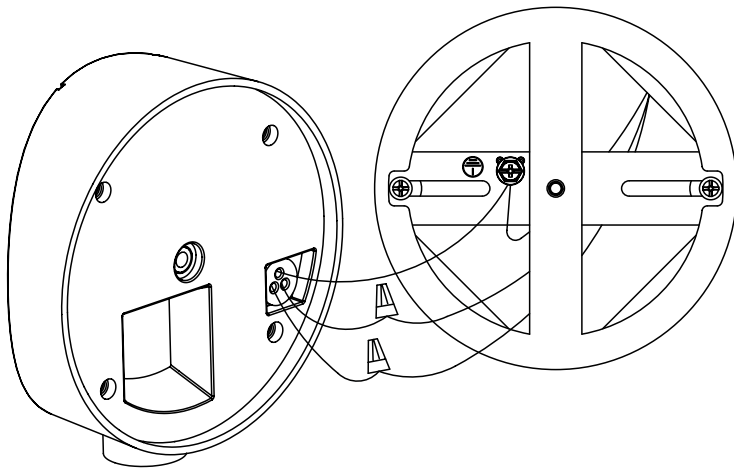
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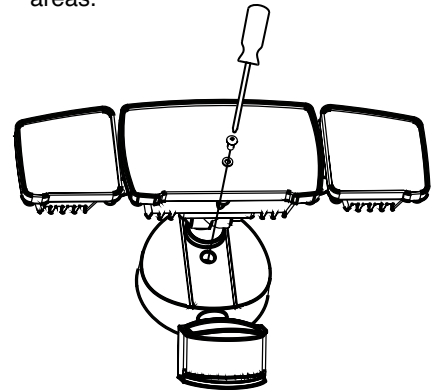
Installation Instructions – continued

6. Connect supply wires to the LED wires and secure with **Wire Nuts (D)**.
- Black to Black (live)
 - White to White (neutral)

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

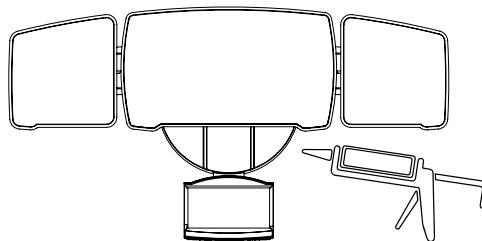
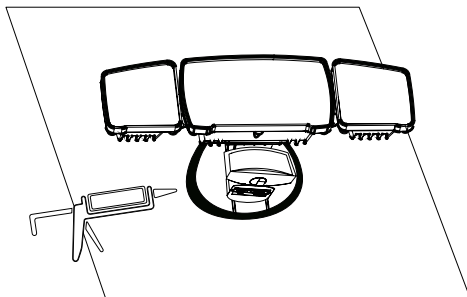


9. Position wall plate over the crossbar. Mount the light onto the crossbar and secure with **Mounting Screw & Washer (C)**. Do not overtighten.
10. Make sure the motion detector head is NOT upside down. Rotate the motion sensor so the controls face detection areas.

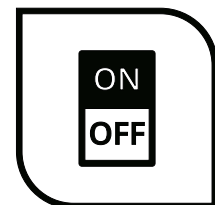


11. For wet locations, fill the gap of the EVA Gasket and mounting surface with a sealing compound or silicone (not included).

12. After mounting the motion-activated light, apply a silicon 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 J-Box.



13. 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.



Turn Power
ON

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Settings & Operational Instructions

IMPORTANT: Installation should be performed by a qualified electrician.

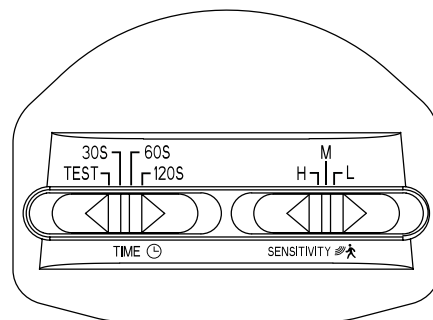
Please read and understand the entire manual prior to attempting to assemble, operate or install this product.

- 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)*

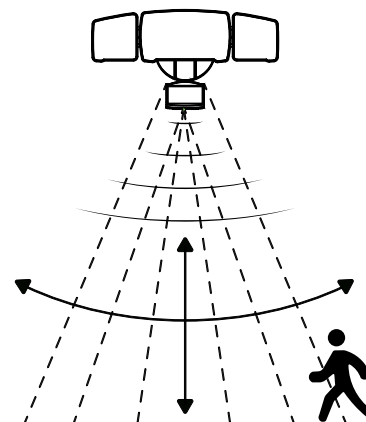


Setting Motion Detection Range

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

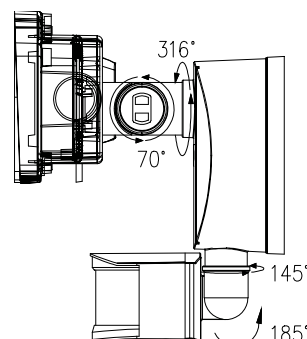
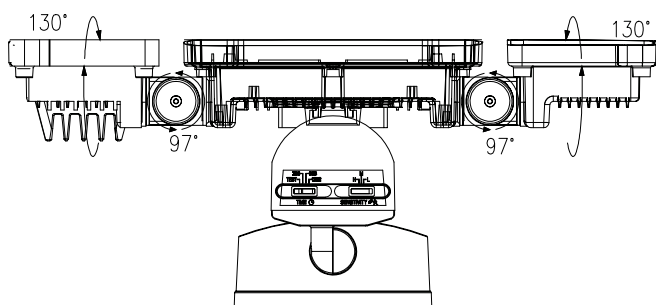
- 13ft - 20ft (4m - 6m)
- 20ft - 33ft (6m - 10m)
- 33ft - 45ft (10m - 14m)

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 (8) swivel points to adjust light position



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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.