

## SAFETY INFORMATION

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### WARNING SYMBOLS AND DEFINITIONS

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This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

### **DANGER**

Disconnect power before servicing. Failure to disconnect power before servicing will result in death or serious injury.

### GENERAL SAFETY RULES

**READ ALL THE INSTRUCTIONS AND SAVE THIS INSTRUCTION SHEET. NOT READING THE INSTRUCTIONS MAY CAUSE RISK OF FIRE OR PERSONAL INJURY.**

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### **WARNING**

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#### **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 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.
- Suitable for wet locations.
- Risk of shock, disconnect power before servicing.
- 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.
- 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
- Suggested Installation Height: 9-12 ft



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## **WARNING**

The warnings, cautions, and instructions discussed in this owners manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

# TECHNICAL SPECIFICATIONS

## SPECIFICATIONS

ITEM	DESCRIPTION
Voltage	120V AC ONLY ,60Hz
Wattage	28W
Dimmable	NO
Output lumens	2500lm

# PRE-INSTALLATION

## HARDWARE INCLUDED

Carefully remove the contents from the package. If any parts are missing do not attempt to use the product until they have been obtained and correctly installed.

PART#	DESCRIPTION	QUANTITY
1	Ground Screw, M4*6mm	1
2	Machine Screw, M4*30mm	1
3	Machine Screw, #8-32*32mm	2
4	Nut, M4*10* $\phi$ 8.5mm	1
5	Silicone gasket, $\phi$ 8.5* $\phi$ 4.3*1mm	1
6	P3 Wire Nuts , $\phi$ 12*21mm	3
7	Crossbar, 98*21*1.5mm	1
8	EVA Gasket, $\phi$ 104*3mm	1



**NOTE:** Hardware shown at actual size.



1



2



3



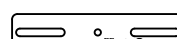
4



5



6



7



8



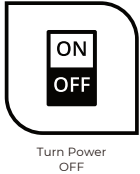
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## ASSEMBLY INSTRUCTIONS

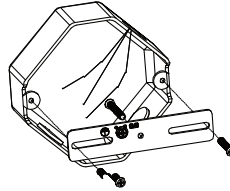
**ALWAYS TURN OFF THE POWER SUPPLY FROM MAIN CIRCUIT BREAKER FIRST!**

**Fig. 1**



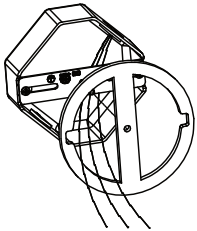
1. Turn off the switch and circuit breaker before installing this LED light fixture.

**Fig. 2/3**



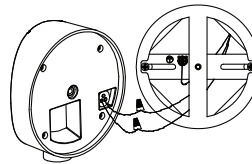
2. Insert the machine screw (part 2) into the center hole of the crossbar (part 7). Attach the crossbar to your junction box (not included) with the other 2 machine screws (part 3).
  - Ensure the screw thread on the center hole is pointing away from the surface.
3. Remove the protective paper from the adhesive face of the EVA Gasket (part 8).

**Fig. 4/5**



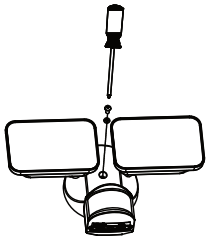
4. Pull the supply wires through the gasket opening.
5. Adhere the EVA Gasket to the crossbar and outer edge of the round, surface mount junction box.
  - Ensure that the center machine screw on the crossbar is threading through the hole of the EVA Gasket

**Fig. 6/7/8**



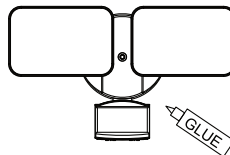
6. Connect supply wires to the LED wires and secure with wire nuts (part 4).
  - Black to Black (live)
  - White to White (neutral)
7. Secure the junction box's ground wire on the crossbar.
8. Tuck wires into junction box once you confirm wire connections are secure.

**Fig. 9/10**



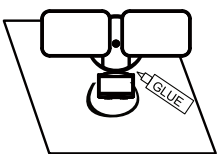
9. Position wall plate over the crossbar. Mount the light onto the crossbar.
  - Secure with nut + silicone gasket (part 4&5).
  - Do not overtighten.
10. Make sure the motion detector head is NOT upside down. Rotate the motion sensor so the controls face detection areas.

**Fig. 11**



11. For wet locations, fill the gap of the EVA Gasket and mounting surface with a sealant compound or a Silicone glue (neither included).

**Fig. 12**



12. 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.

**Fig. 13**



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 with the details below.



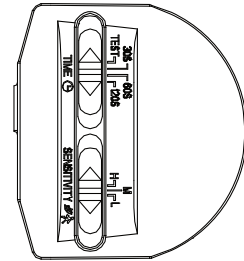
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## SET TIME SETTINGS

To test the security light, switch the light to TEST mode. Once testing is complete, switch to:

- 30S-The light will turn off automatically after 30 seconds when no other movement is detected.
- 60S-The light will turn off automatically after 60 seconds when no other movement is detected.
- 120S-The light will turn off automatically after 120 seconds when no other movement is detected.



## ESTABLISH SENSITIVITY SETTINGS

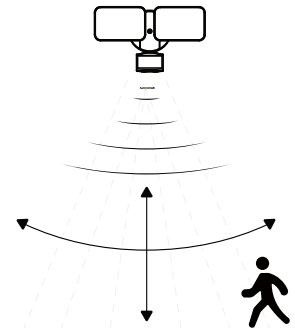
There are (3) setting modes you can select to establish the motion detection range:

L : 13ft-20ft (4m-6m)

M: 20ft - 33ft (6m-10m)

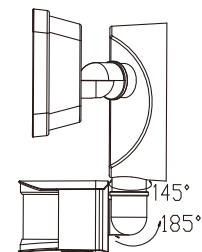
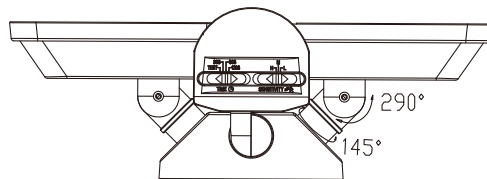
H : 33ft - 45ft (10m - 14m)

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.



## ADJUST AND ROTATE

There are 6 swivel points to adjust light position



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