

## SECURITY LIGHTS

### SSL-SO



#### WARNING

**WARNING — THE INSTALLATION MUST BE CARRIED OUT BY A QUALIFIED ELECTRICIAN.**

- LED Security Light Sensors are suitable for using in wet locations
- Please keep the LED Security light Sensors away from any corrosive substance, and please use dry cloth when you clean it
- Before installation or maintenance, please disconnect the power to prevent electric shock

#### CAUTION

**PLEASE READ INSTRUCTION BEFORE COMMENCING INSTALLATION AND RETAIN FOR FUTURE REFERENCES.**

- Electrical products can cause death or injury, or damage to property.
- If in any doubt about the installation or use of this product, consult a competent electrician.

#### HARDWARE CONTENTS (not actual size)



#### PREPARATION

Before assembly, installation or operation of product, make sure all parts are present. Compare parts with package contents list and diagram on previous page. If any part is missing or damaged, do not attempt to assemble, install or operate the product. Contact customer service for replacement parts.

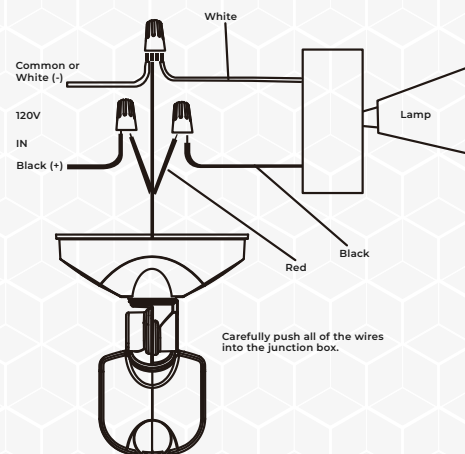
#### MOUNTING AND WIRING THE LIGHT

**NOTE: DO NOT MOUNT ON THE GROUND, RECOMMENDED INSTALLATION HEIGHT IS 6½ FEET TO 10 FEET**

1. Attach the cross bar (D) to the junction box using the (2) mounting screws (F).
2. Connect supply wires with wire nuts (E) as shown in the figure above. Black wire to the Black supply wire (Live). White wire to the White supply wire (Neutral).

3. You may use the optional gasket (C) at this point.
4. Install the light fixture to the cross bar (D). Use silicon sealant (not included) around the perimeter of the light to seal for moisture.
5. Screw in the stainless steel screw (B) to hold fixture in place. Insert plastic screw cover (A) into screw hole.
6. Turn on your electricity after installation is completed.
7. Turn on power switch. (If power switch is not on, the light will not operate)

**NEUTRAL = White LIVE = Black RED = Load**  
**Apply silicone caulking around the edges of coverplate and in any open holes for a watertight seal.**



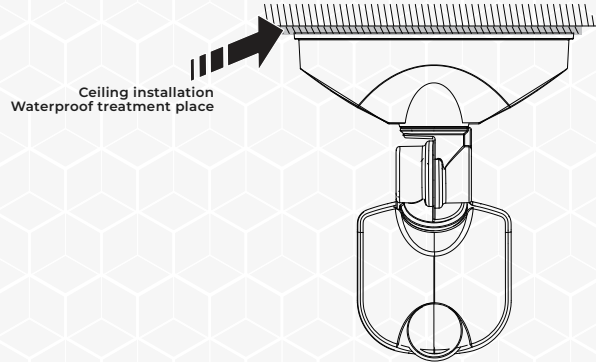
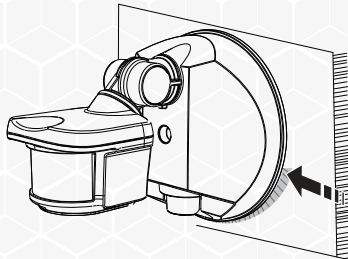
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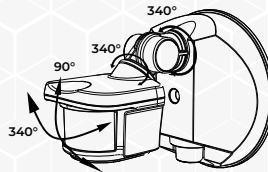
### WATERPROOF TREATMENT INSTRUCTIONS

Place silicone(not included) around the mounting plate and its surface to ensure a waterproof seal.  
The light can be mounted on eaves, soffits, or walls, so there are 2 installation ways, ceiling-mounted and wall-mounted.



### ADJUSTING LIGHT HEADS

Your light heads can be adjusted by turning the individual light head to desired position horizontally or vertically.

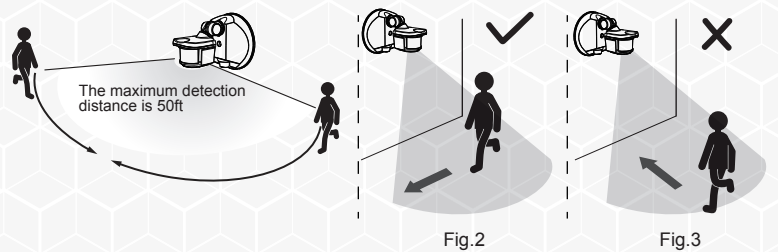


### MOTION SENSOR SENSITIVITY

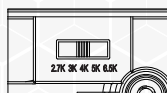
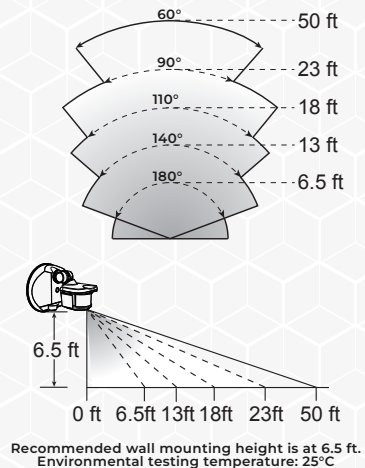
1. The sensor is affected by brightness, temperature, and moving objects.
2. Do NOT install near other sources of light, as this can affect motion sensor detection.

**Significant temperature changes may cause sensor malfunctions, so avoid placing the sensor near vents, heat exhausts or AC units.**

3. When installing, ensure the sensor is not placed too close to trees. Movement of branches in the wind may trigger the sensor.
4. The sensor cannot detect infrared light through glass or object.



5. The sensor is very sensitive to lateral motion, with a maximum detection distance of 50 ft. (Fig. 2)
6. In contrast, the sensor may not be very sensitive to movement directly towards the light and may occasionally detect such movement within 12 ft, due to the small displacement involved. (Fig. 3)



CCT  
SELECTABLE  
SWITCH

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#### CARE AND MAINTENANCE

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

#### TROUBLE SHOOTING

| SYMPTOM                                | POSSIBLE CAUSE                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Lights will not come on.               | <ol style="list-style-type: none"> <li>1. Light switch is turned off.</li> <li>2. Light is loose or burned out.</li> <li>3. Fuse is blown or circuit breaker is turned off.</li> <li>4. Daylight turn off is in effect (recheck after dark).</li> <li>5. Incorrect circuit wiring, if this is a new installation.</li> <li>6. Re-aim the sensor to cover desired area.</li> </ol>                           |
| Lights come on in day light.           | <ol style="list-style-type: none"> <li>1. Light control may be installed in a relatively dark location.</li> </ol>                                                                                                                                                                                                                                                                                          |
| Lights come on for no apparent reason. | <ol style="list-style-type: none"> <li>1. Light control may be sensing small animals or automobile traffic (re-aim sensor). Range is set too high. (Reduce Range setting).</li> </ol>                                                                                                                                                                                                                       |
| Lights stay on continuously.           | <ol style="list-style-type: none"> <li>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).</li> <li>2. Light control is pointed toward a heat source like an air vent, dryer vent, or brightly-painted heat reflective surface. (Reposition sensor. Reduce Range).</li> </ol> |
| Lights flash on and off.               | <ol style="list-style-type: none"> <li>1. Heat or light from the lamps may be turning the light control on and off. (Reposition the lamps away from the sensor).</li> <li>2. Heat being reflected from other objects may be affecting the sensor. (Reposition sensor).</li> </ol>                                                                                                                           |



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