

## WARNINGS



### **RISK OF FIRE, ELECTRICAL SHOCK, CUTS OR OTHER CASUALTY HAZARDS**

Installation and maintenance of this product must be performed by a qualified electrician. 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 hazards involved.

### **RISK OF FIRE AND ELECTRIC SHOCK**

Make certain power is OFF before starting installation or attempting any maintenance. Disconnect power at fuse or circuit breaker.

### **RISK OF FIRE**

Refer to product label for specific minimum supply conductor requirements.

### **RISK OF BURN**

Disconnect power and allow fixture to cool before handling or servicing.

### **RISK OF PERSONAL INJURY**

Fixture may become damaged and/or unstable if not installed properly.

**DISCLAIMER OF LIABILITY:** CSC LED assumes no liability for damages or losses of any kind that may arise from the improper, careless, or negligent installation, handling or use of this product.

**NOTICE:** Green ground wire provided in proper location. Do not relocate.

**SAFETY:** This fixture must be wired in accordance with the National Electrical Code and applicable local codes and ordinances. Proper grounding is required to insure personal safety. Carefully observe grounding procedure under installation section.

**APPLICATIONS:** This lighting fixture is designed for outdoor lighting services, and should not be used in area of limited ventilation or inside high ambient temperature enclosures. It must be stored in a dry location prior to installation. Do not expose lighting fixture to rain, dust or other environmental conditions prior to installation and insertion of photo control or shorting cap (if so equipped). Best results will be obtained if installed and maintained according to the following recommendations.

**ATTENTION RECEIVING DEPARTMENT:** Note actual fixture description of any shortage or noticeable damage on delivery receipt. File claim for common carrier (LTL) directly with carrier. Claims for concealed damage must be filed within 15 days of delivery. All damaged material, complete with original packing must be retained.

## CAUTION

Please read the installation instructions carefully before installing and keep these instructions for future reference. Failure to follow proper installation instructions may void the product warranty.

1. Never connect components under load.
2. Do NOT hang or support these fixtures anywhere that will cut the outer jacket or damage the wire insulation.
3. This luminaire can NOT be used with other dimmer switches, motion sensors, or other electronic switching devices.
4. If necessary, adjust the sensor and rotate to make sure the controller will align with the ground after installation.

## INSTALLATION INSTRUCTIONS

1. Mount the bracket to the junction box. Once it is properly aligned, fully tighten the screws provided in the accessory bag (Fig. 1). Note: Disconnect electricity before installation and maintenance.

2. Wire the luminaire and junction box through the foam pad and terminal blocks (Fig. 2).

- a. Connect the white wire to the Neutral (white)
- b. Connect the black wire to the Line (black)
- c. Connect the yellow and green wire to the Ground (yellow and green)

**Note:** DO NOT cut or remove any connectors on the wire. Make sure the positive and negative connection is correct.

3. Position the light on the foam pad and bracket then secure with the tie bolt, gasket and rubber ring (Fig. 3).

**Note:** Please make sure all wires are in the junction box or luminaire's driver compartment before securing the luminaire to the junction box.

4. Cover the screw holes with the rubber screw cap. Use silicone to seal the rear cover to prevent water ingress (Fig. 4).

5. Angle the luminaire heads to their desired positions, taking into account the viewing angle or potential glare.

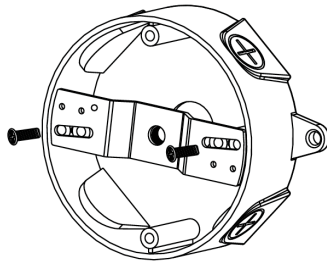


Fig. 1

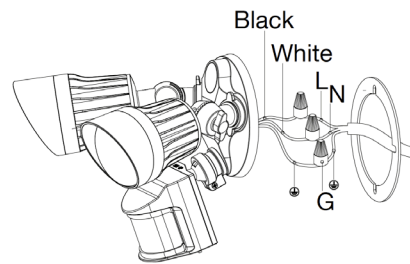


Fig. 2

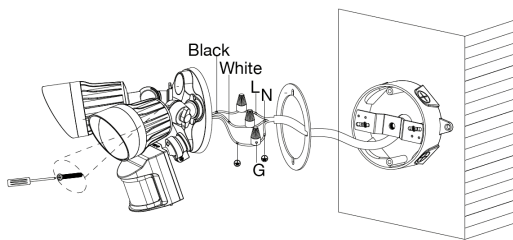


Fig. 3

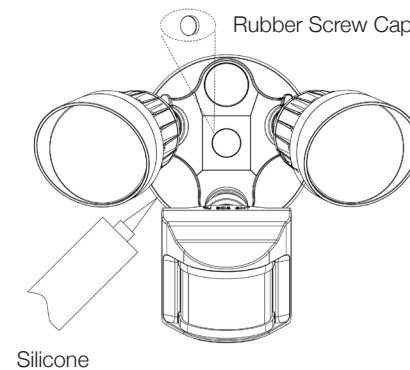
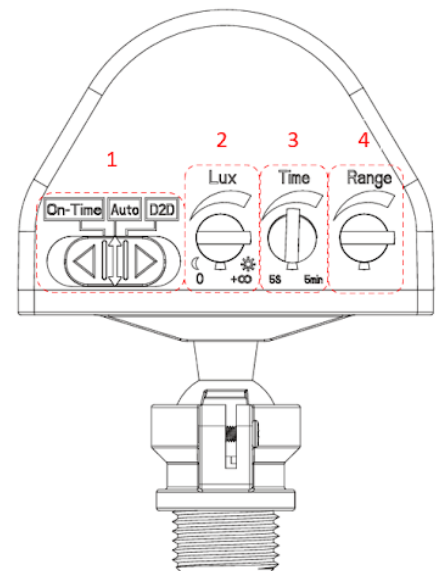


Fig. 4

## PRODUCT FUNCTION DESCRIPTIONS

1. **3-Way Switch:** The luminaire operation mode is adjustable by a 3-way switch on the left side of the sensor. The options are:

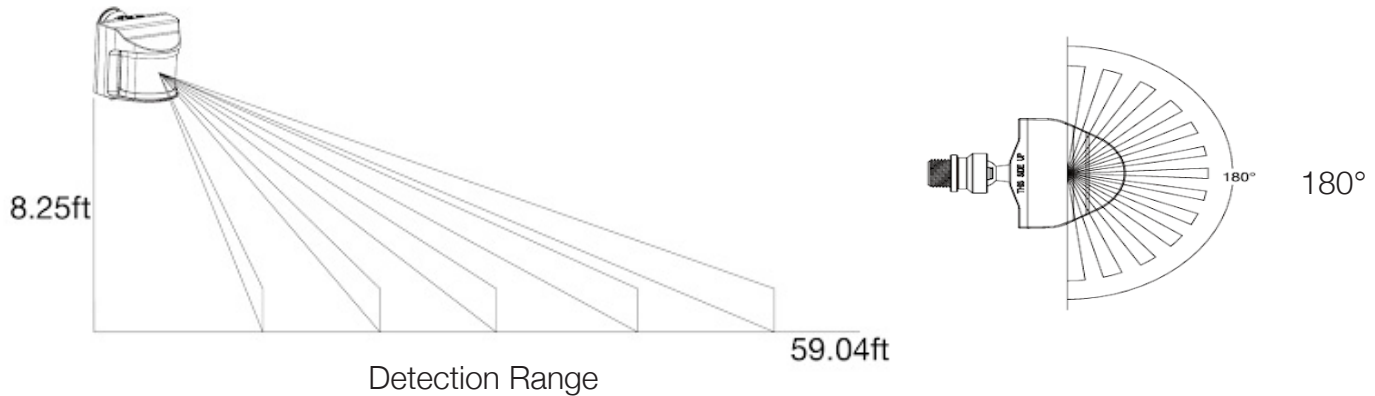
- **On-Time** – This mode will have the light turned on at all times, in order to be controlled with an external timer or photocell (ordered and installed separately). This is the least common function.
- **Auto** – This mode will have the light turn on when motion is detected – Stay on for the time set by the Time dial (5s – 5m) and will be controlled by the photocell function (Lux Dial – See below). This is the most common function.
- **D2D (Dusk-to-Dawn)** – This mode will have the light turn on at Dusk, as determined by Lux dial (See below). The light will remain on as long as the maximum Lux threshold is not crossed, and will turn off when it is – e.g., at Dawn, when the sun comes up.



2. **Lux Dial:** The Lux dial controls the luminaire's sensitivity to light, similar to a photocell. This is how the luminaire determines what is "night" and when to turn on or off. The dial can be set from (moon) to (sun). This changes the amount of ambient light that will trigger the fixture to turn on or off – For example, the difference between the ambient brightness at 5pm, versus at 8pm. **NOTE:** This dial does not in any way control or change the brightness of the luminaire. It controls only the sensitivity of the photocell function.

3. **Time:** When motion is detected, this dial controls the amount of time the light will remain illuminated. The dial can be set between 5 seconds and 5 minutes.

4. **Range:** This dial controls the detection range of the motion detection, as described by the diagram below. Depending on the mounting height, the detection range may differ slightly. Setting the Range dial to the larger setting will increase the detection range. **NOTE:** The detection angle of the sensor is fixed at 180 degree.



## TROUBLESHOOTING

### If the fixture is always staying on:

- Ensure you do not have the 3-way-switch set to On-Time
- Reduce the Lux threshold (turn dial more towards moon)

### If the fixture is turning on too often, or too soon in the evening:

- Reduce the Lux threshold (turn dial more towards moon)
- Reduce the range

### If the fixture is disturbing your neighbours:

- Aim the light head more towards the ground - think “down” instead of “out”
- Decrease the range
- Decrease the time

## Questions or Concerns?

We are happy to help.

**Call Us:** 1-888-900-9885 or **Email Us:** [info@csc-led.com](mailto:info@csc-led.com)