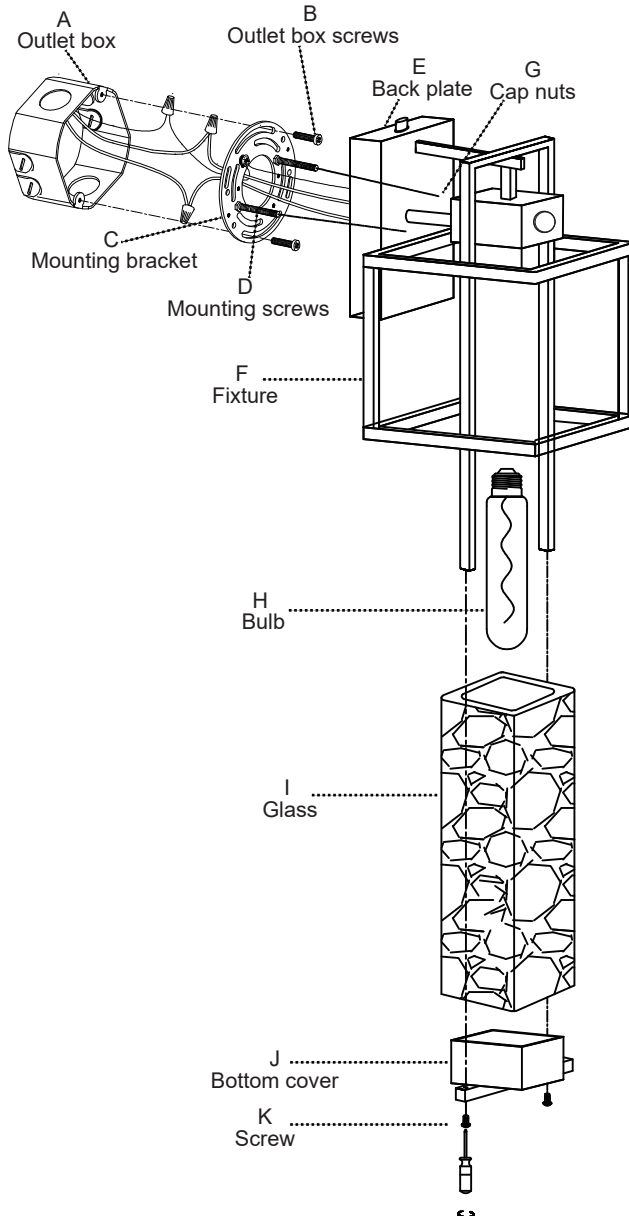


# INSTALLATION INSTRUCTIONS

Model # STR-DL-0002

**WARNING! SHUT OFF POWER AT FUSE OR CIRCUIT BREAKER**

**Fig. 1**



# PREPARING FOR INSTALLATION

WARNING! SHUT POWER OFF AT FUSE OR CIRCUIT BREAKER.

## PREPARING FOR INSTALLATION (Fig. 1)

1. Shut off power at the fuse box or circuit breaker box and remove the old fixture including the mounting hardware.
2. Carefully unpack your new fixture and lay out all the parts in a clear area. Take care not to misplace any small parts necessary for installation.
3. Unscrew the cap nuts (G) and separate the mounting bracket (C) from back plate (E).
4. Attach the mounting bracket (C) to the outlet box (A) with the outlet box screws (B). Note: the side of mounting plate marked "GND" must face out.
5. Secure mounting screws (D) into mounting bracket (C) with the hex nuts provided.

## CONNECTING THE WIRES

6. Connect the electrical wires and making sure that all wire connectors are secured. If your outlet box has a ground wire (green or bare copper), connect the fixture's ground wire to it. Otherwise, connect the fixture's ground wire directly to the circular strap using the green screw provided. Tuck the wire connectors neatly into the outlet box.

## FINISHING THE INSTALLATION (Fig.1)

7. Align back plate (E) onto mounting bracket (C) and secure with cap nuts (G).
8. Unscrew the screws (M) and separate the bottom cover (J) from fixture frame (I).
9. Install bulb (Max.60W) in accordance with the fixture specification.
10. Place the glass (I) onto the bottom cover (J) and secure the bottom cover (J) to the fixture frame (FI) with screws (K).

Your installation is now complete. Return power to the outlet box and test the fixture.

If this product falls for any reason covered by this warranty, feel free to contact us via Email: [partphoner.service@gmail.com](mailto:partphoner.service@gmail.com)

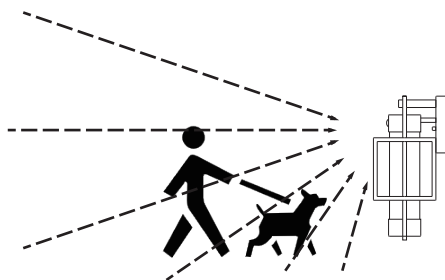
# Motion Sensor Function

Auto off in the daytime. At night, the light will turn on once motion detected, and stay on as long as the motion is continuing. The light will turn off 120 seconds later after motion is no longer detected.

## How the Motion Sensor Works?

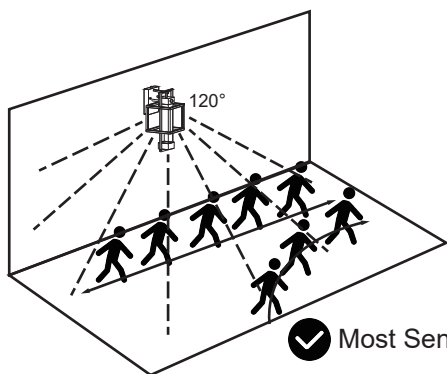
### Working Theory:

Passive infrared (PIR) sensors use a pair of pyroelectric sensors to detect heat energy in the surrounding environment. These two sensors sit beside each other, and when the signal differential between the two sensors changes (if a person enters the room, for example), the sensor will engage.



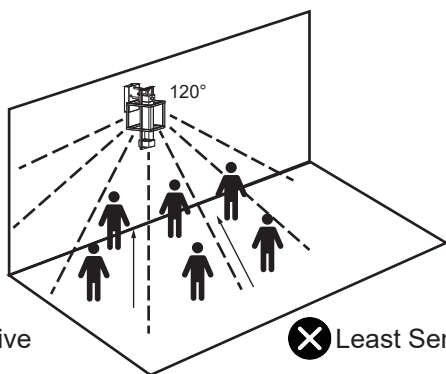
## How to Activate the Sensor?

The angle of sensor detects is 120°, the direction of movement affects the sensitivity.



✓ Most Sensitive

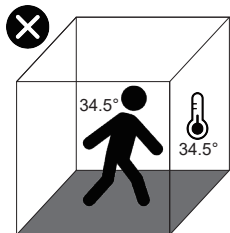
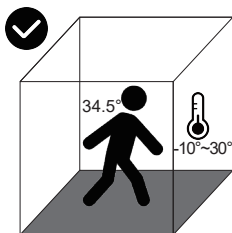
Moving horizontally across the sensing area.



✗ Least Sensitive

Moving towards directly to the sensing area.

## Why is the Sensor NOT Working?



### 1. Environment temperature:

The PIR sensor works when detecting the heat energy in the surrounding environment. If the environment temperature is very similar to human body, it won't work.

## 2. Wrong position installed/Out of Sensing Area

The angle of sensing area is only 120°, Make sure the sensor facing to the directions human walks in, it works better.

The sensing distance of motion sensor is 4-5 meters(13-16ft).

### Troubleshooting

Problem	Possible Causes	Remedies
Stay on/ Can't turn off	There are other heat sources OR air outlets around the light	Install the light in another place without heat sources OR air outlets to test it again
Lights off/ Insensitive	Wall switch or circuit breaker is off	Turn on wall switch or circuit breaker
	Light bulb may be burned out	Test the light bulb on normal working light fixture
	Light bulb is loose	Tighten the light bulb
	Incorrect or loose wire connections	Check wire connections
	In a bright environment	Please make sure the environment is in the dark
	The motion is not within the sensing range	Move horizontally across the sensing area(13-16ft distance)
	Sensor covers dust	Please use a dry cloth with alcohol to clean it
	There is no temperature difference around the light	Sensor works by detecting the heat energy in the surrounding environment
There are other electrical devices, like monitors	①Place some objects between the light and other electrical devices. ②PIR sensor can NOT work with glass blocking, remove the glass objects if there is any.	