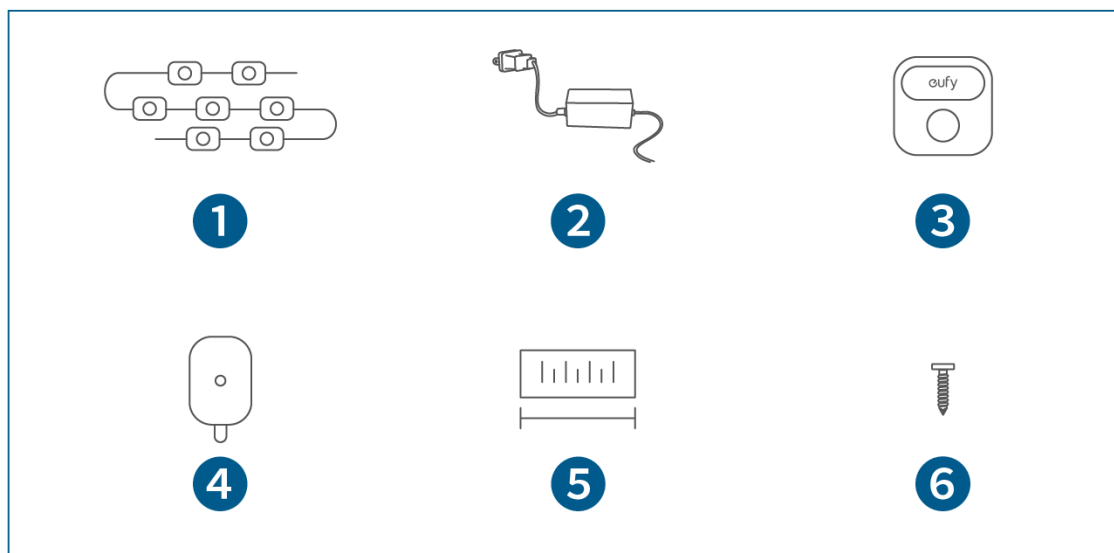


What's in the Box

Contact support@eufy.com if anything is missing.

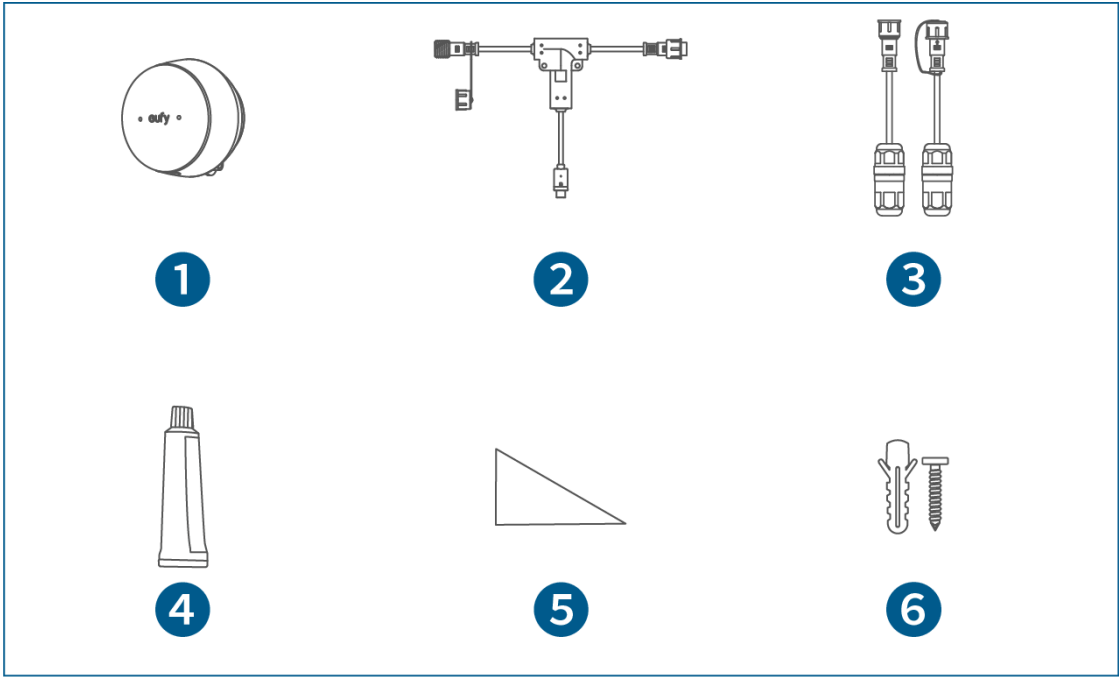
The number of light strings and accessories vary depending on the package you purchase.

Light Strings & Accessories



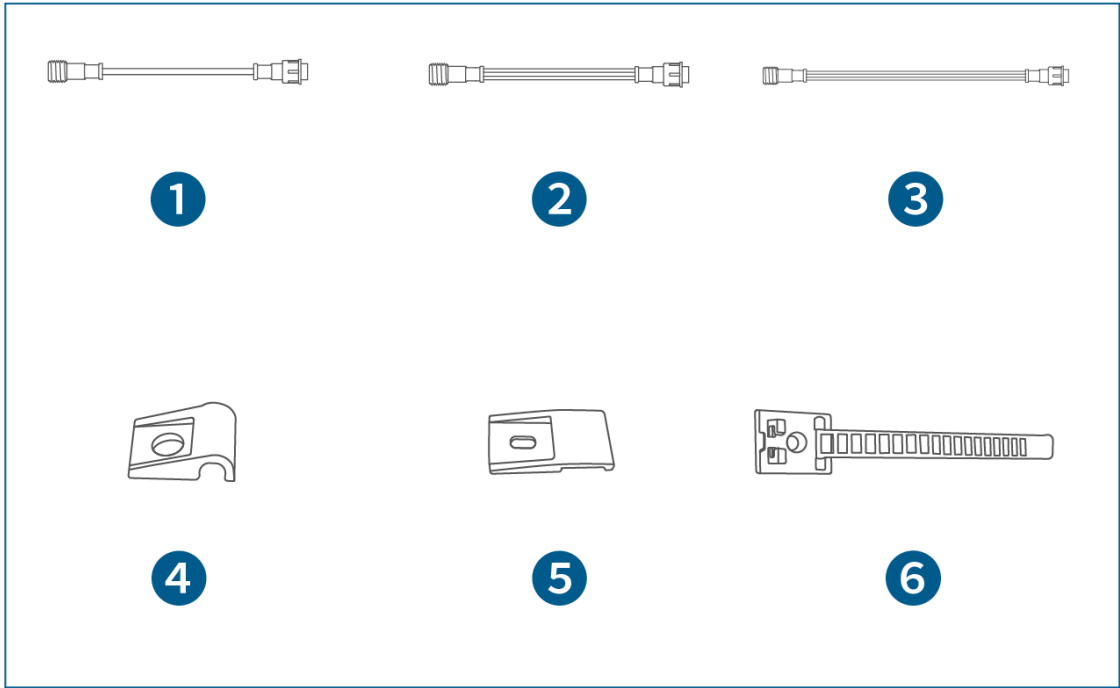
#	Item	100 ft (30 m) Kit	150 ft (45 m) Kit	200 ft (60 m) Kit
①	Light String (with Mounting Brackets)	6	9	12
②	Power Adapter	1		
③	Controller	1		
④	Spare Mounting Brackets	77	113	149
⑤	Positioning Card	1		
⑥	Screw	111	162	203

Radar Motion Sensor & Accessories



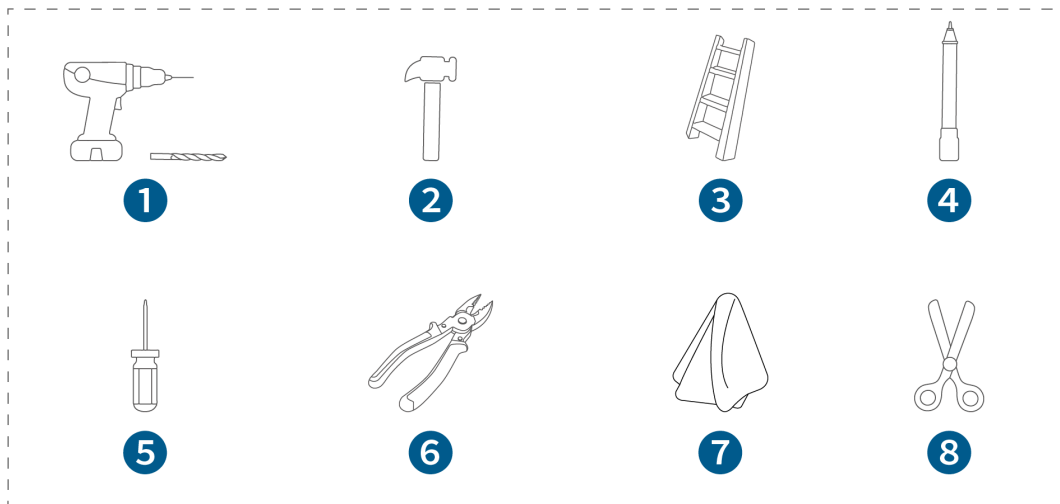
#	Item	100 ft (30 m) Kit			150 ft (45 m) Kit	200 ft (60 m) Kit	
①	Radar Motion Sensor	1					
②	3-Way Connector	1					
③	Male & Female Wire Splicers	1			2		3
④	Silicone Sealant	1					
⑤	Radar Angle Adjusting Card	1					
⑥	Screws & Anchors	4					

Extension Cables & Accessories



#	Item	100 ft (30 m) Kit	150 ft (45 m) Kit	200 ft (60 m) Kit
1	Extension Cable (Controller)	1		
2	Extension Cable 4 ft (1.2 m)	0	2	
3	Extension Cable 12 ft (3.6 m)	1	2	
4	Cable Clip (Round)	6		
5	Cable Clip (Flat)	20	35	40
6	Cable Ties	3		

Tools You Will Need (Not Provided)



① Power Drill & Drill Bit: 15/64 in (6 mm)

② Hammer

③ Ladder

④ Marker

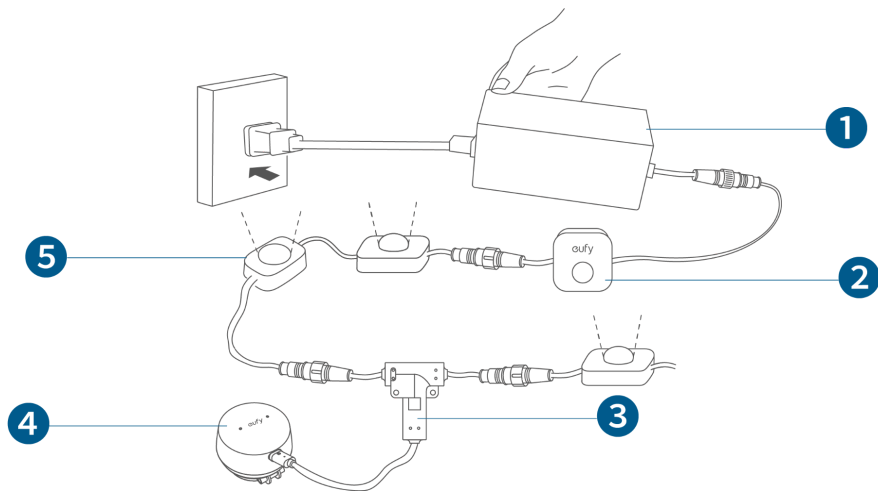
⑤ Phillips Screwdriver

⑥ Wire Stripper

⑦ Cleaning Cloth

⑧ Scissors

At a Glance



- ① Power Adapter
- ② Controller
- ③ 3-way Connector
- ④ Radar Motion Sensor
- ⑤ Light Strings

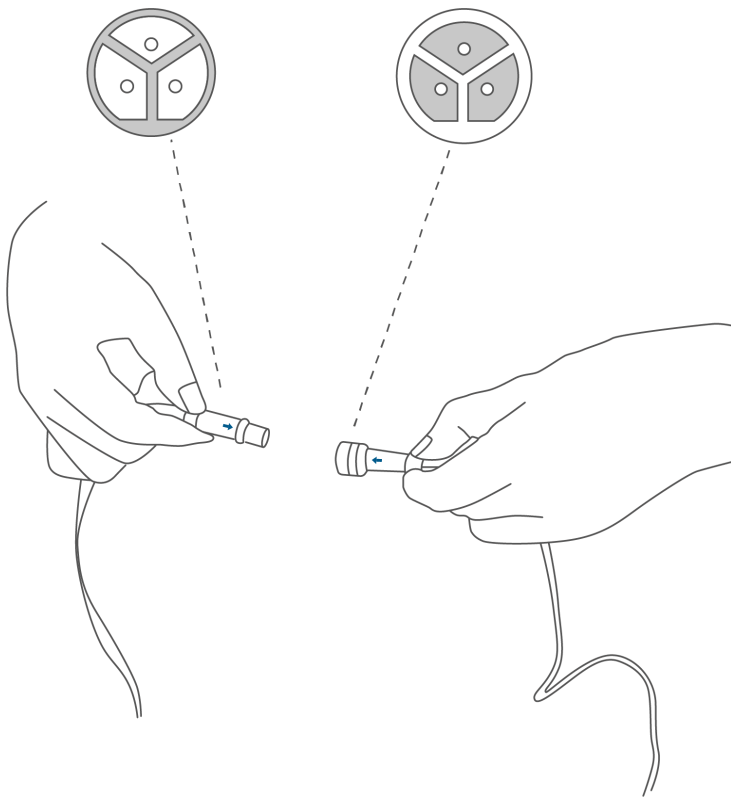
Before Installation

Plan your lighting layout before installing, and determine if you need to purchase extra light strings or extension cables.

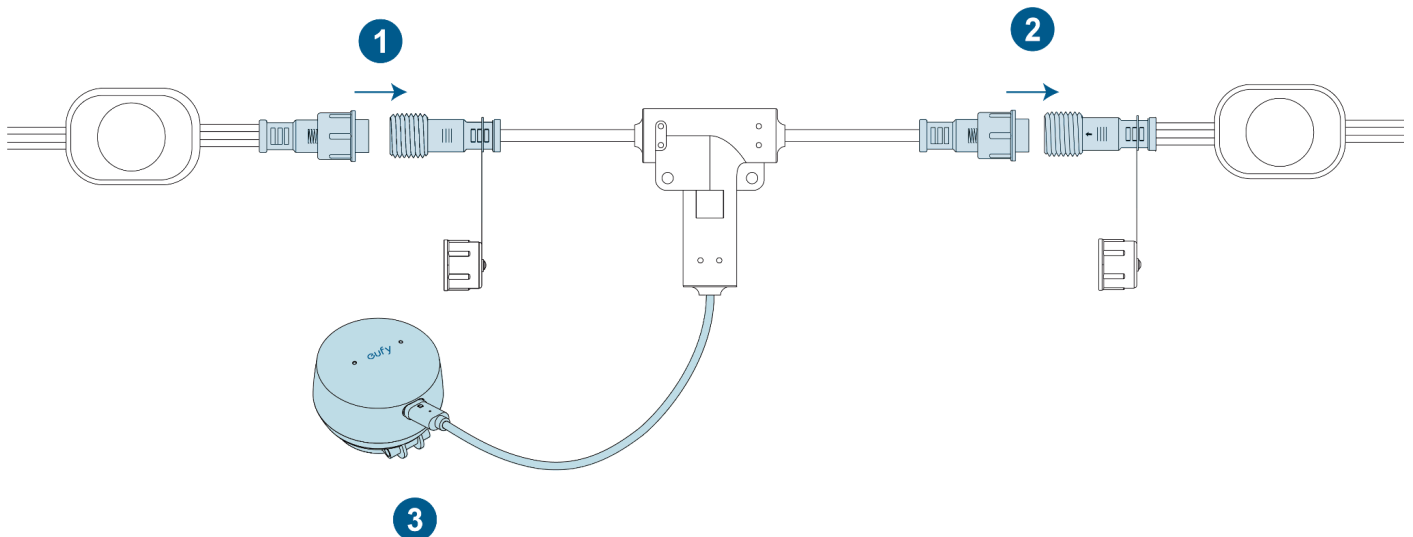
- 💡 Connect the light strings with the adapter unplugged. If you connect the light strings while the adapter is plugged, the strings may not light up.
- 💡 One power adapter supports light strings up to 200 ft (60 m). At the full 200 ft length, the light strings will automatically dim to 80% brightness.
- 💡 One power adapter supports extension cable up to 30 ft (9 m).

1. Connect Light Strings and Radar Motion Sensor

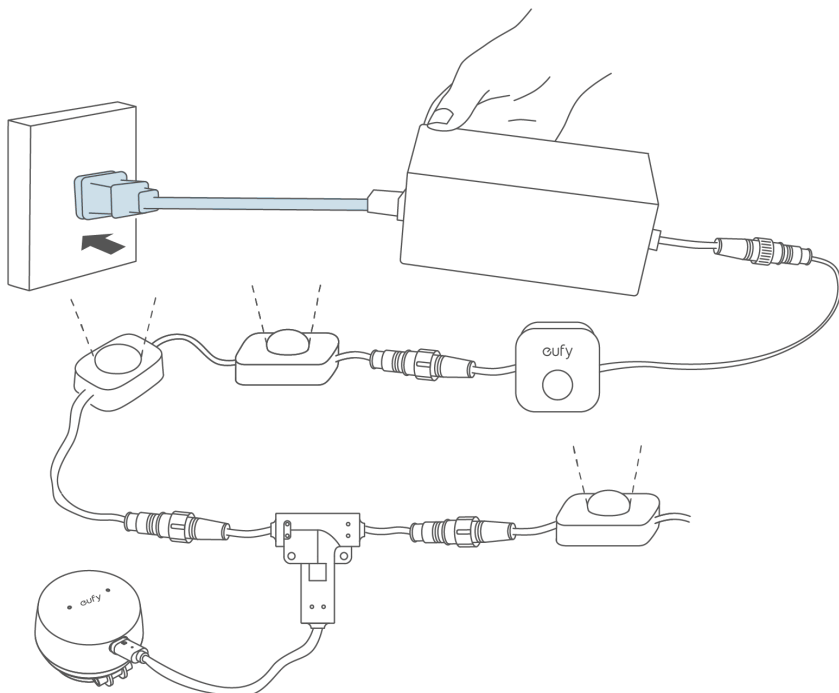
1. Connect the controller and the power adapter and all the light strings together.
 - Make sure the pin connections are correct.
 - Do NOT twist the connector; otherwise, the pins may be damaged.



2. Use the 3-way connector to connect the Radar Sensor between the light strings.



3. Plug in the power supply, and check if all lights light up.



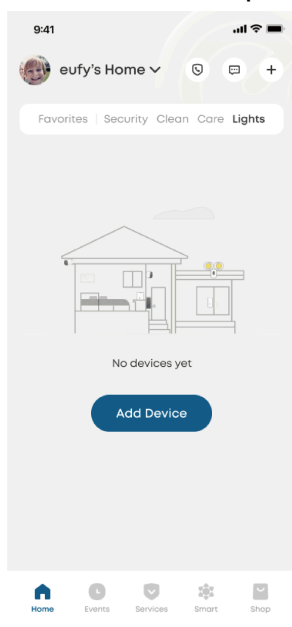
2. Add Light Strings and Radar Motion Sensor in the App

1. Download and install the latest version of the [eufy app](#), then sign in or create an account.



2. Select **Add Device** or **+** on the home screen, then go to **Lights > Permanent Outdoor Lights > Permanent Outdoor Lights S4**, and follow on-screen prompts to add the light strings.

3. Select **Add Device** or **+** on the home screen, then go to **Lights > Radar Motion Sensor**, and follow on-screen prompts to add the radar motion sensor.



3. Test the Light Strings and Radar Motion Sensor

Go to the **Test** tab and test if each light string is working properly.

- If some of the light strings do not light up, unplug and reconnect the power adapter. Make sure the light strings are working properly before proceeding to the next step.
- Contact support@eufy.com if any lighting and color errors occur.

Install Your Outdoor Lights

💡 Do not mix with any other products.

The installation will take approximately 1-2 hours and may vary depending on the home type.

1. Plan Your Layout

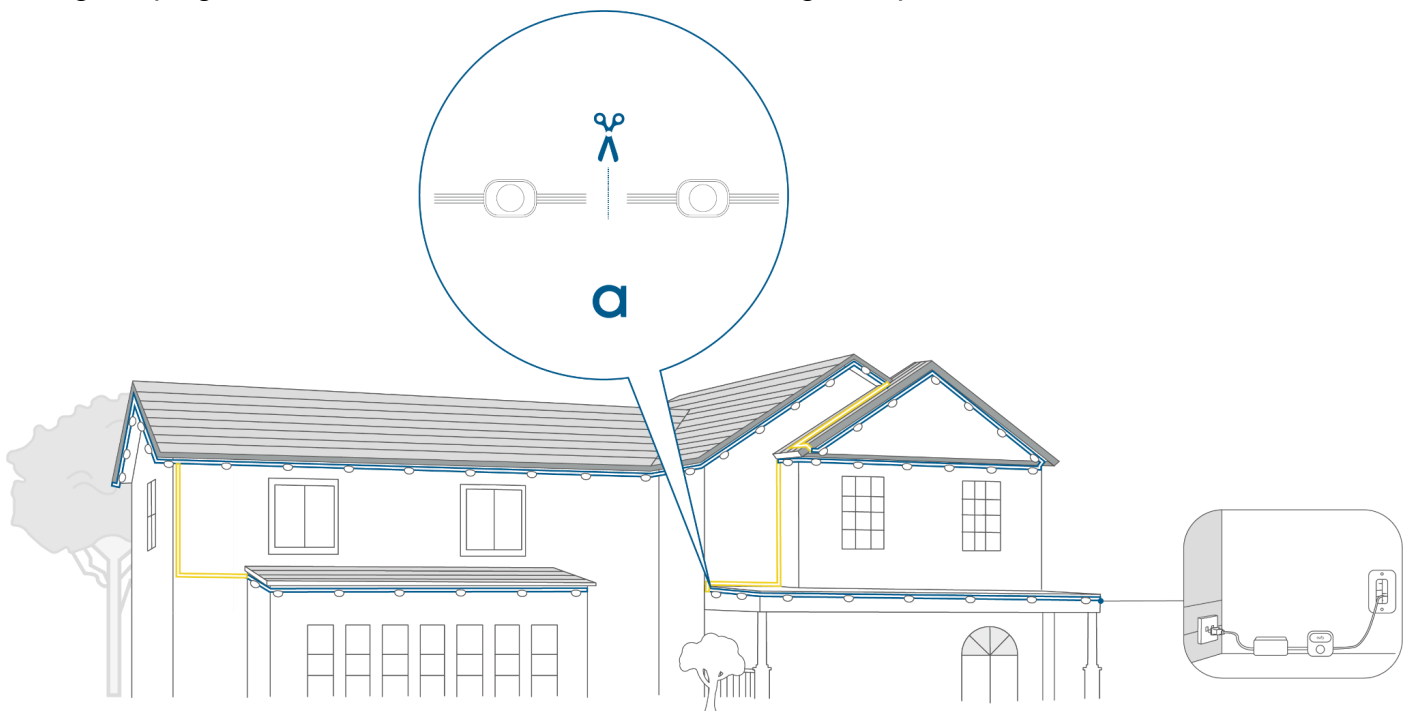
💡 Do not install on rainy or hot days to avoid falling due to extreme temperatures or a slippery ladder.

💡 You will need a ladder and make sure it is stable enough or use it with the help of another person.

Install the light strings beneath the eaves to generate a wall-washing effect.



Determine the location of the first light string section, making sure that the power adapter is close enough to plug in and the control unit is accessible enough to operate.

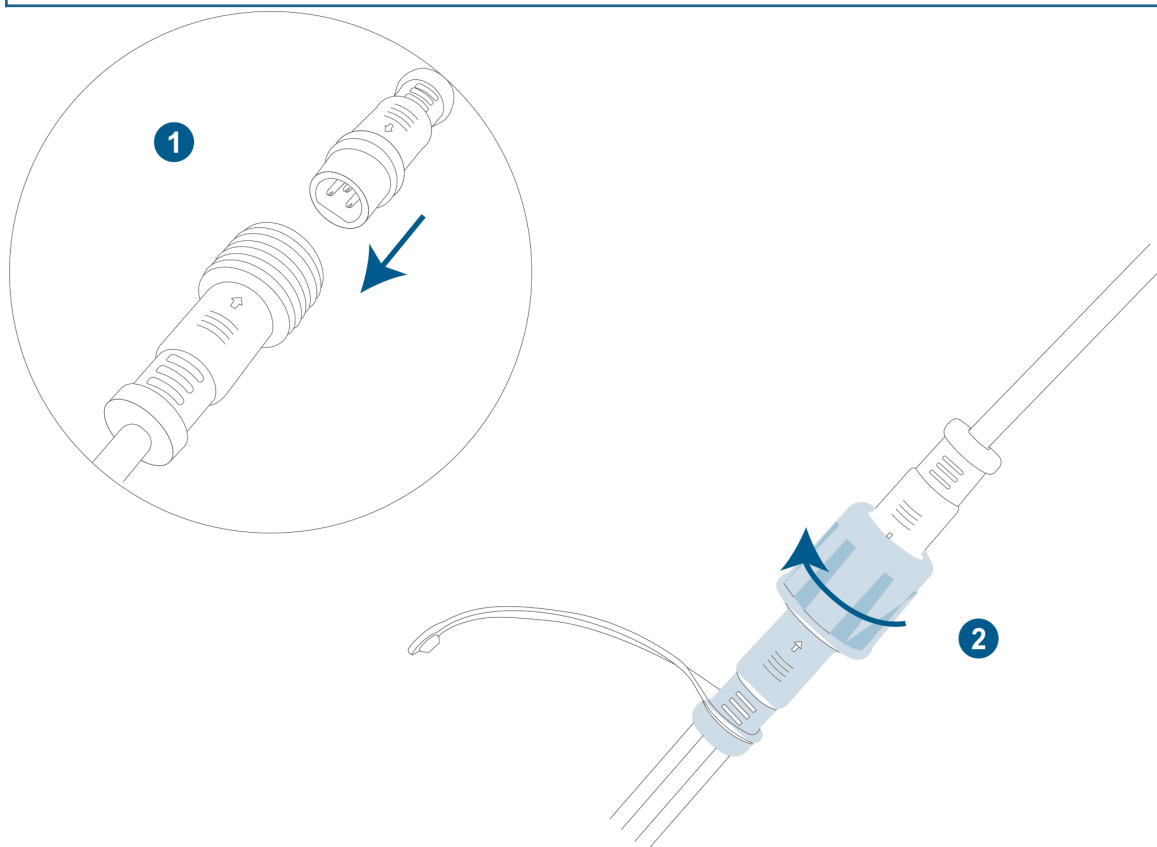


- a. The light strings can be cut to fit your house. Refer to the [Trimming Your Lights](#) section.
- b. Use extension cables when installing the lights across different roofs.

2. Install Light Strings

- 1 Align the male connector with the female connector, and connect them.
- 2 Tighten the waterproof cap to secure the connection.

- 💡 Do NOT twist the connector; otherwise, the pins may be damaged.
- 💡 Don't forget to tighten the waterproof cap at the end of the last light string!



Option 1: Secure with 3M Adhesive - For Smooth Surfaces (steel, marble, glass, etc.)

1. Clean the surface with a cloth or tissue and wait until the surface is completely dry before installing.

- Dust residue may affect the adhesion of 3M adhesive.
- If there is any oil or dirt on the surface, clean it with alcohol before installation.



2. For the best wall-washing effect, the light string should be installed 2-4 inches (5-10 cm) away from the wall surface. Use the provided positioning card for measurement.



3. Peel the release paper off the back of each light, then firmly press the light against the surface for at least 10 seconds.

- Do not overstretch the wires between lights and allow for flexibility in installation.
- When installing at temperatures below -10°C (14°F), heat the adhesive backing on the mounting brackets to ensure optimal adhesion.



Option 2: Secure with Screws - For Uneven Surfaces

1. Peel the release paper off and press the light against the surface.



2. Slide to remove the mounting bracket from the back of each light.



3. Drill pilot holes on hard surfaces (concrete, stucco, stone, etc.) and insert anchors, and secure each bracket with a screw.

💡 Contact support@eufy.com if you need anchors.



4. Slide each light back into the mounting bracket.



Install the Radar Motion Sensor

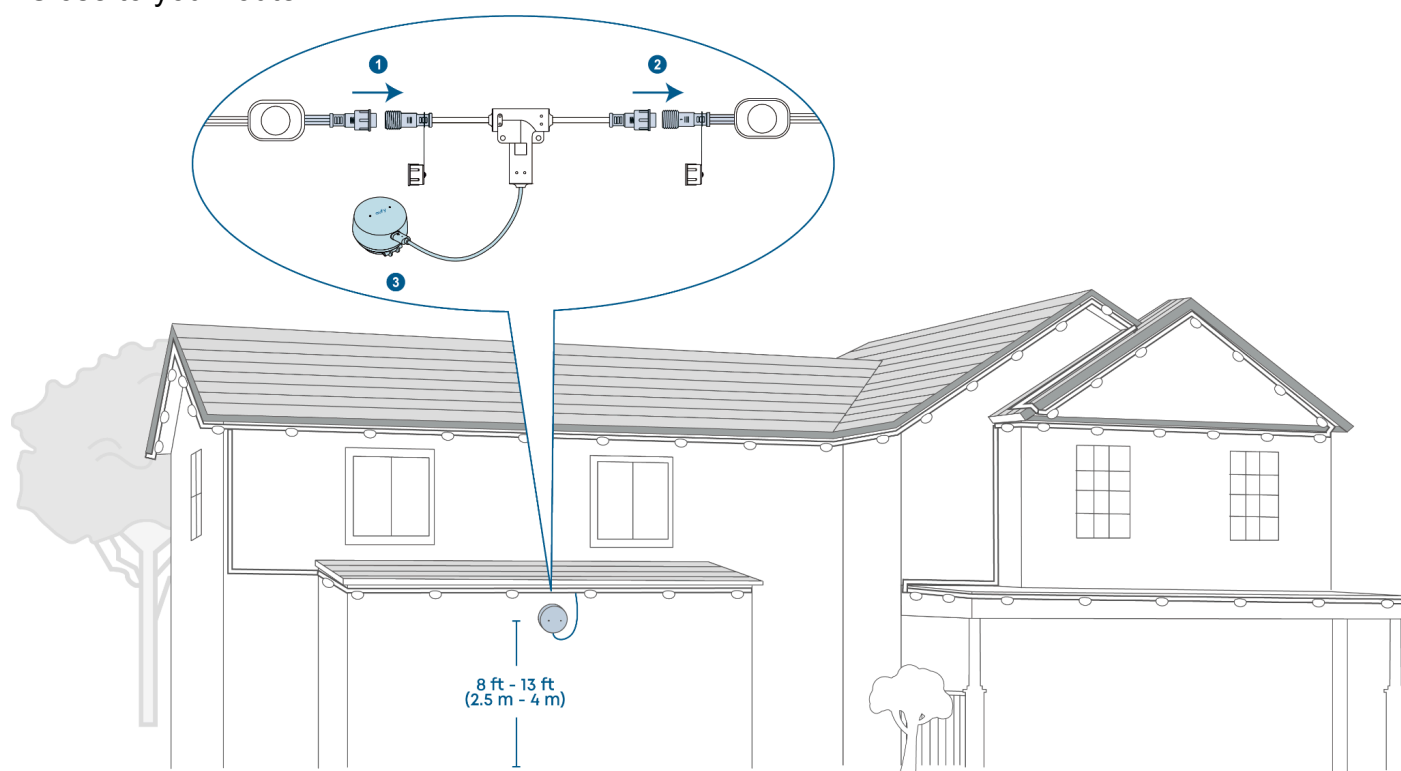
You can install the sensor between the 2 light strings, or cut the light string and install the sensor to any other positions you prefer. Refer to the [Trimming Your Lights](#) section.



- A set of light strings is compatible with only 1 radar motion sensor.
- Use only the provided 3-way connector to supply power to the radar motion sensor.

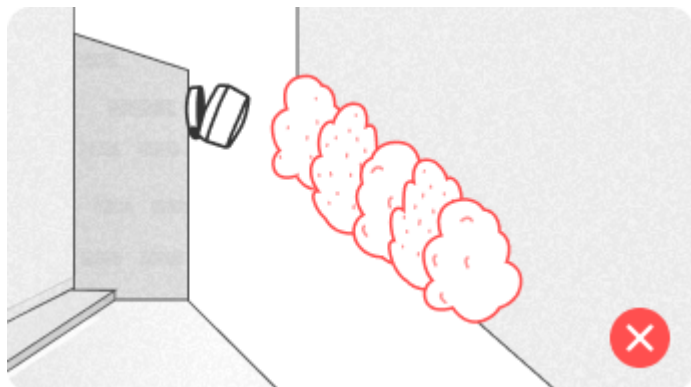
Recommended Location:

- House entrance
- Height of 8 ft to 13 ft (2.5 m to 4 m)
- On the wall or under the eave
- Close to your router

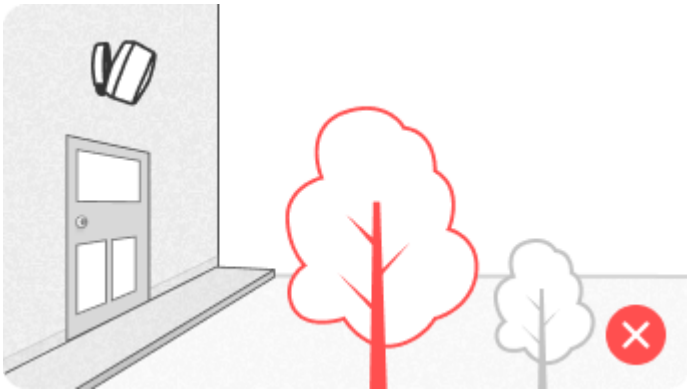


Locations to Avoid:

- Low shrubs on the opposite side of the radar motion sensor



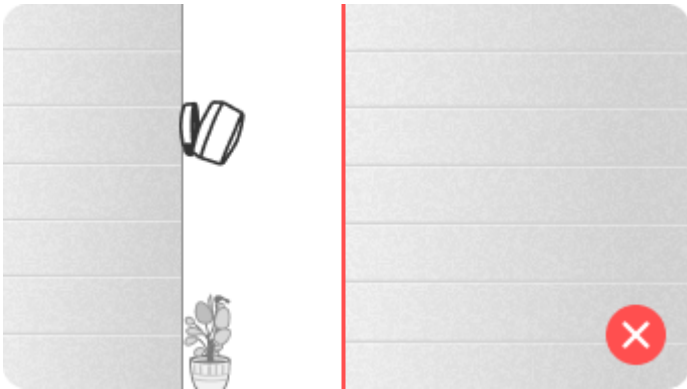
- Tall trees in the yard



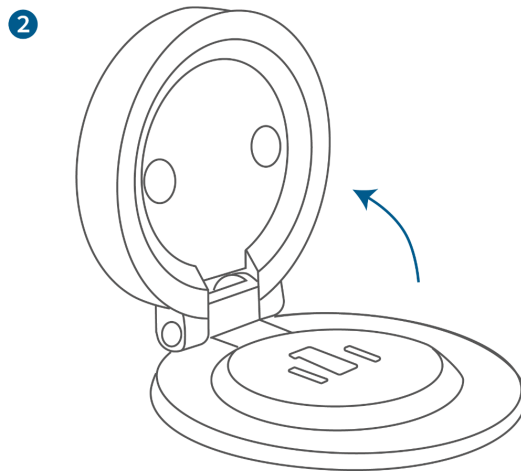
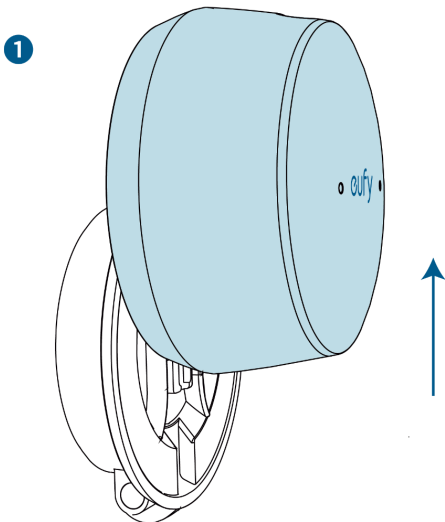
- Obstruction beneath the radar, e.g. eaves, trucks, vans



- Obstruction on the opposite side of the radar, e.g. tall walls

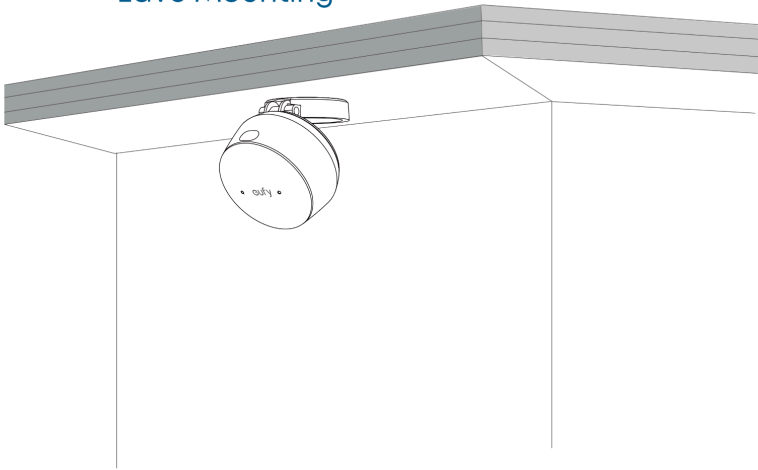


1. Remove the bracket from the sensor, and open the bracket.

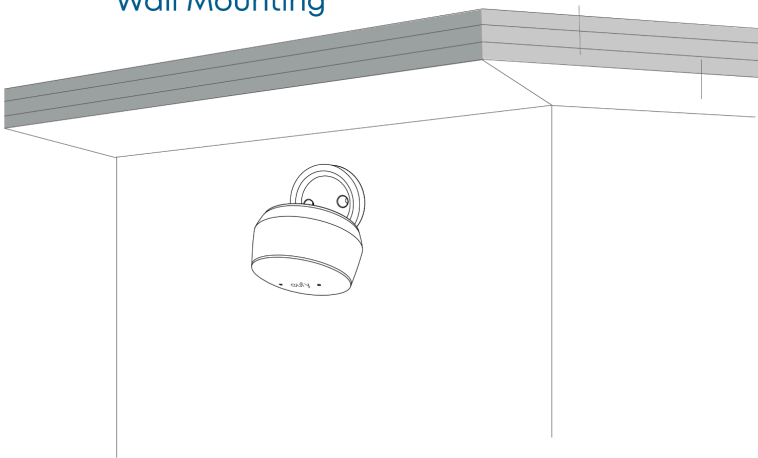


2. Choose a mounting position.

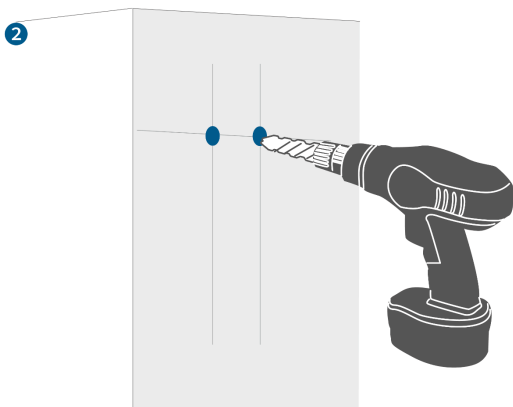
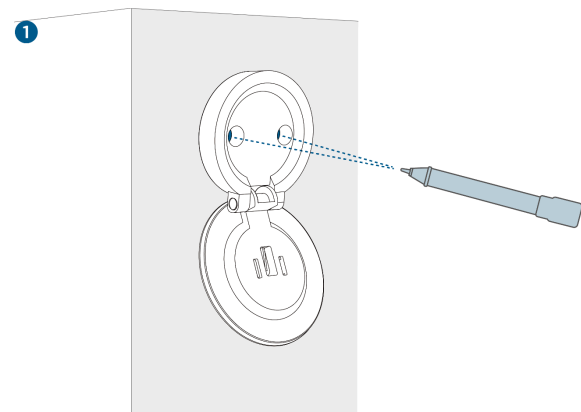
Eave Mounting



Wall Mounting

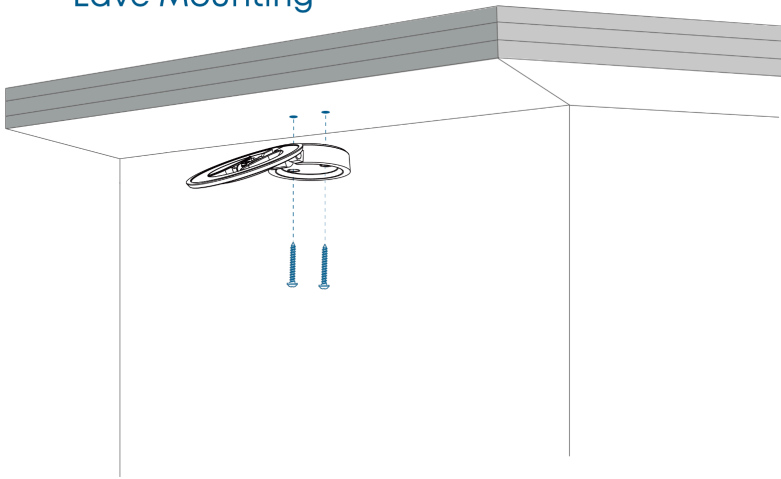


3. Position and drill screw holes for the radar bracket.

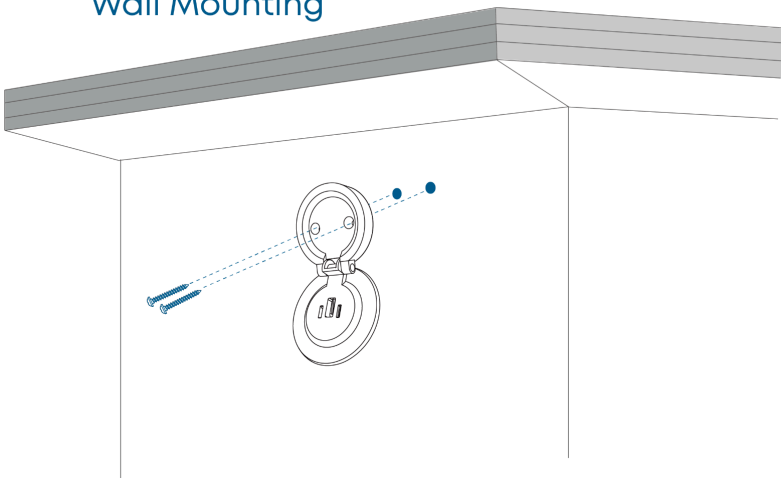


4. Mount the bracket.

Eave Mounting

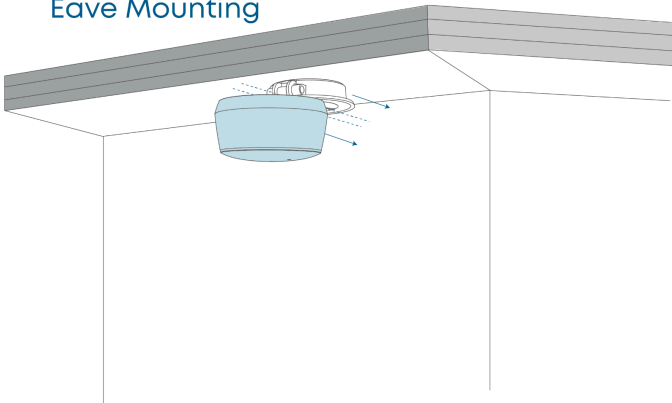


Wall Mounting

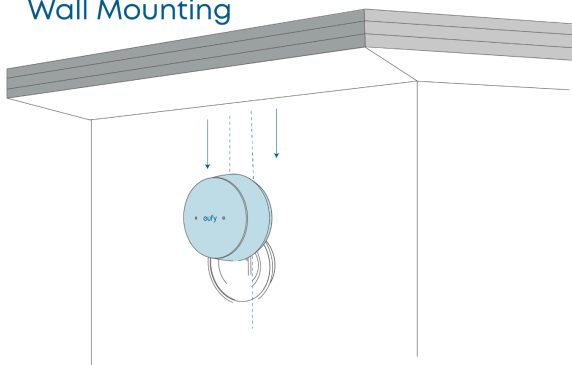


5. Install the sensor to the bracket.

Eave Mounting

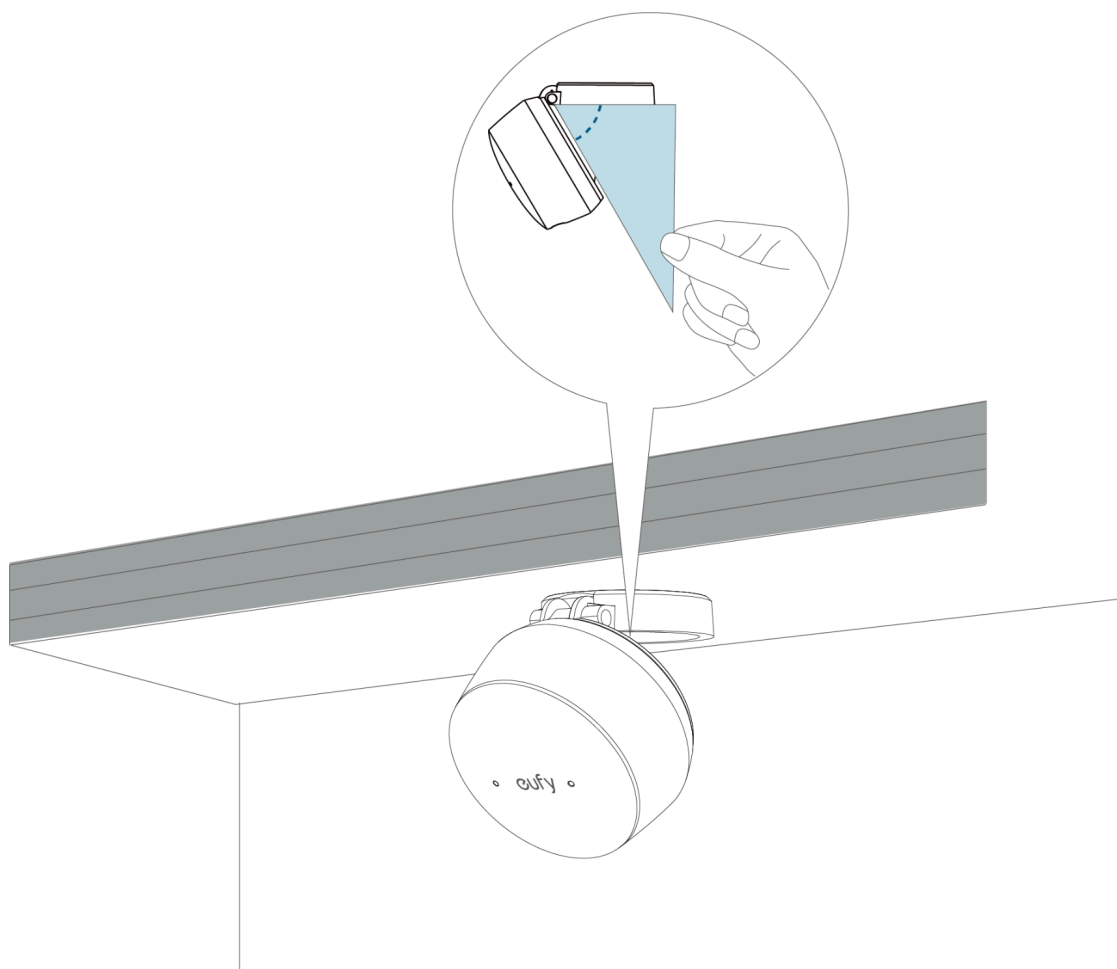


Wall Mounting

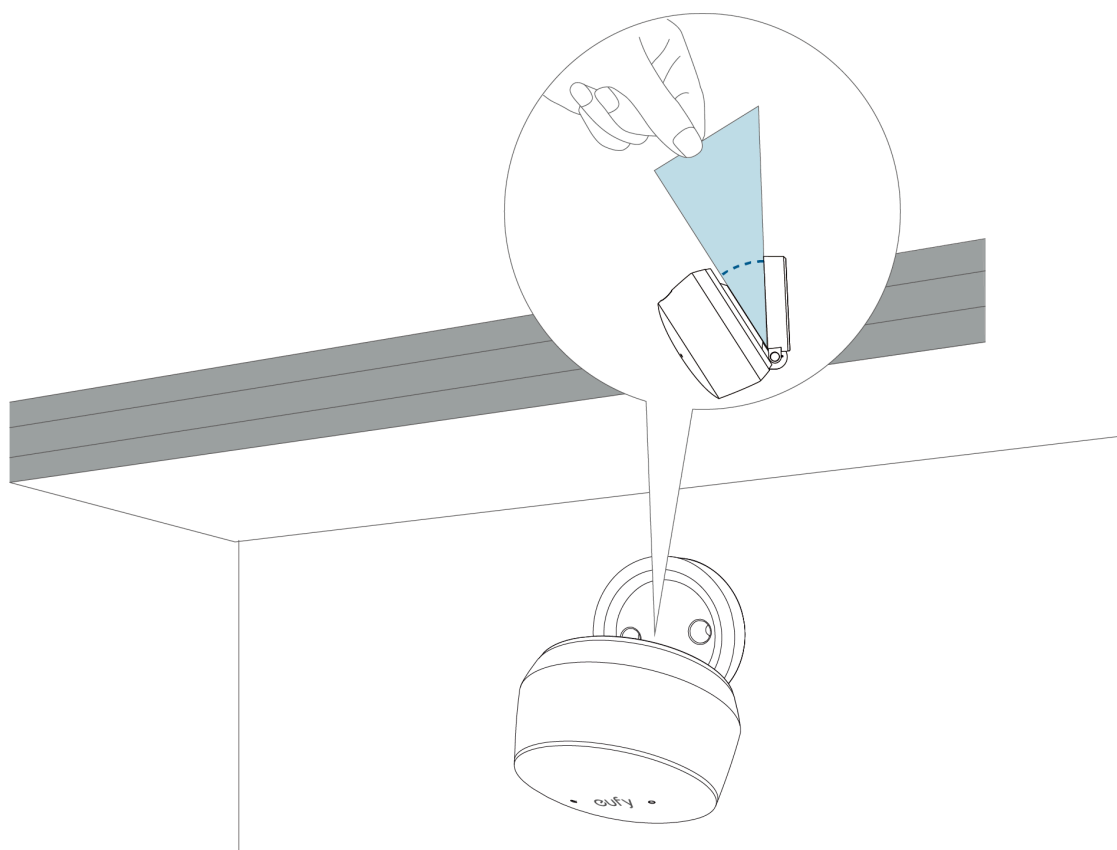


6. Use the positioning card to adjust the radar motion sensor to the optimal angle.

Eave Mounting



Wall Mounting



Trimming Your Light Strings (Optional)

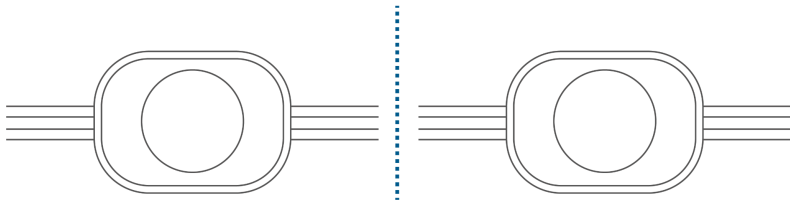
You can trim your light string with a wire stripper (not provided).

1. Cut Your Light String

Use a wire stripper to cut the light string from the middle of two lights.



Power off the light strings before cutting!



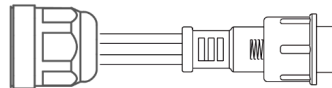
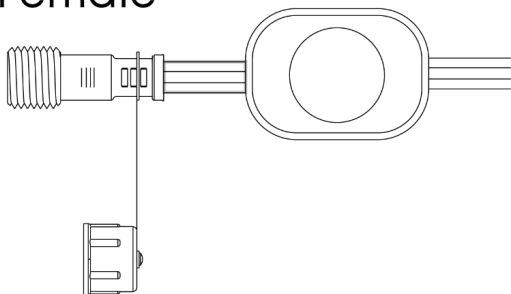
2. Choose the Correct Wire Splicer

- If reconnecting to a **female** end, use the **male** wire splicer.
- If reconnecting to a **male** end, use the **female** wire splicer.

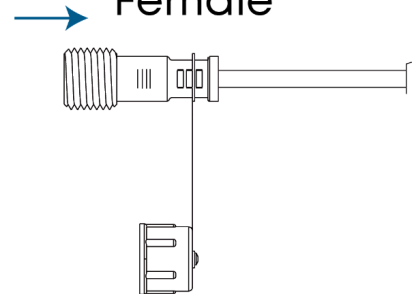
*The connector / wire splicer with a waterproof cap is a female one (as shown below).

Male Splicer

Female

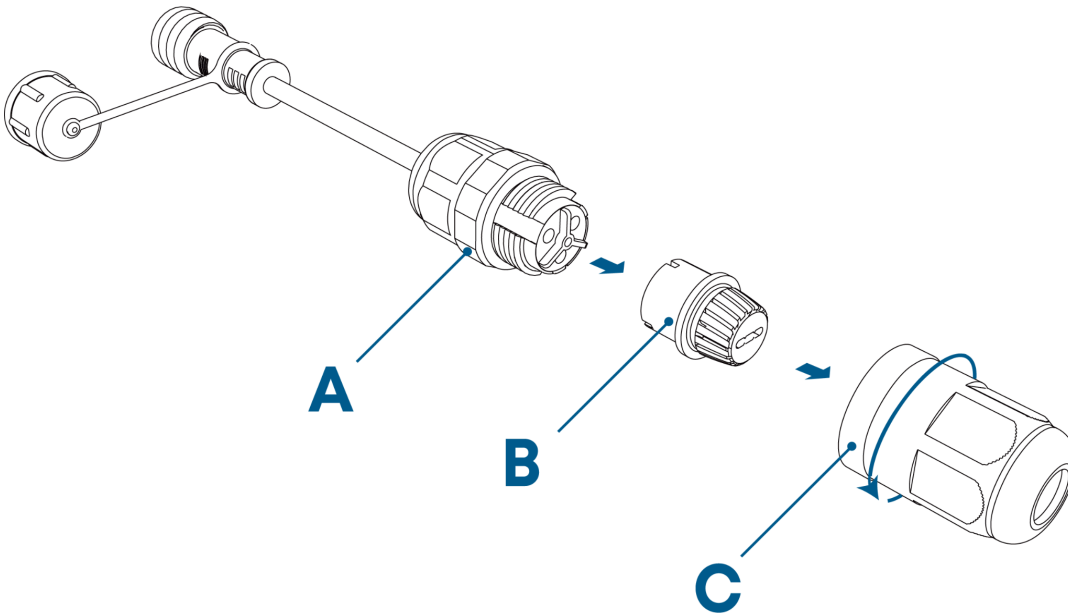


Female

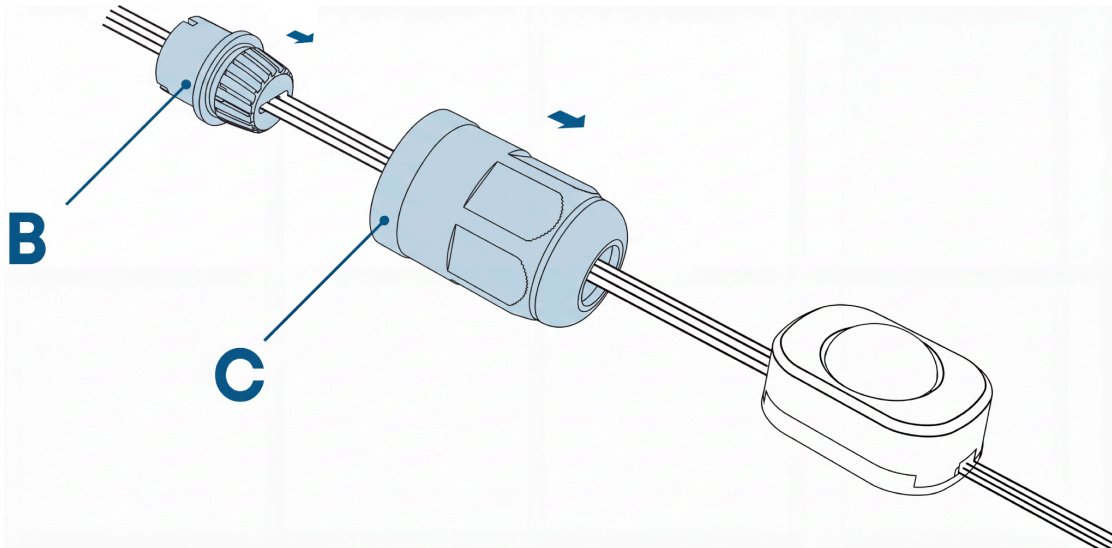


3. Take Apart the Wire Splicer

! Do NOT strip the wire skin before you run the light string through **Parts B** and **C** of the wire splicer.

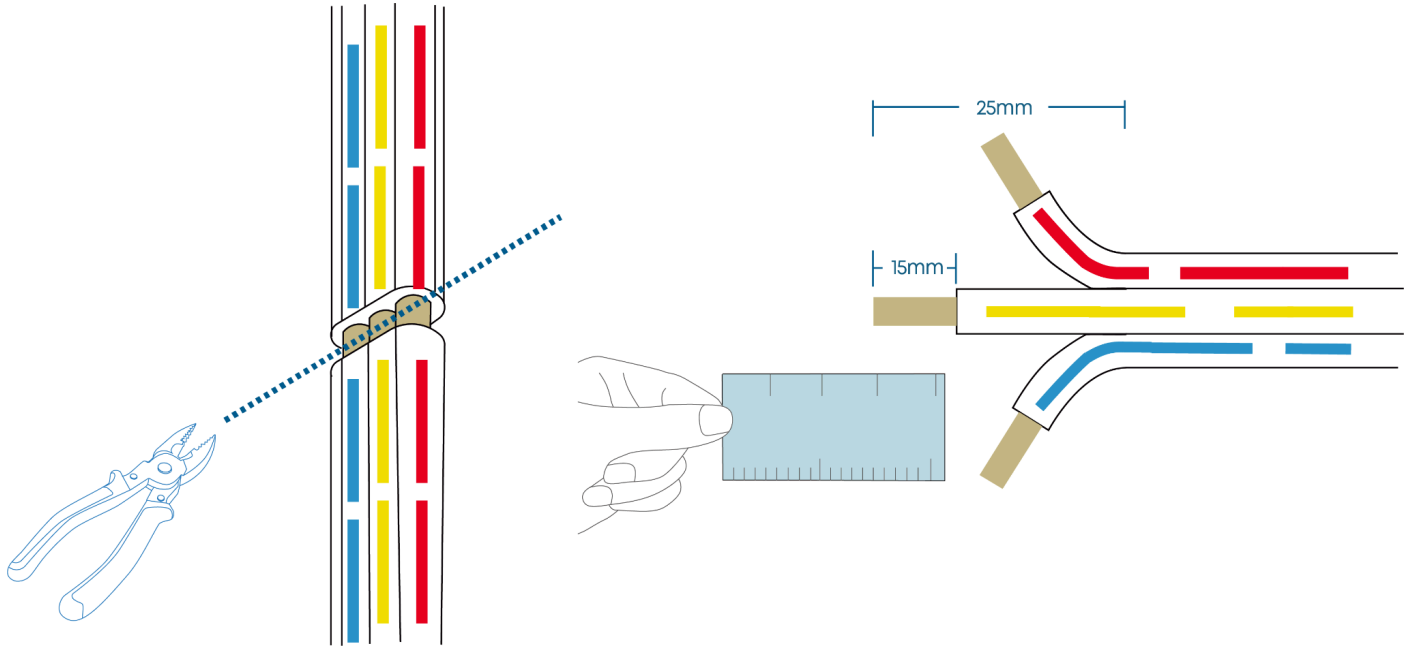


4. Run the cut light string through the wire splicer **Part C** first, then **Part B**.



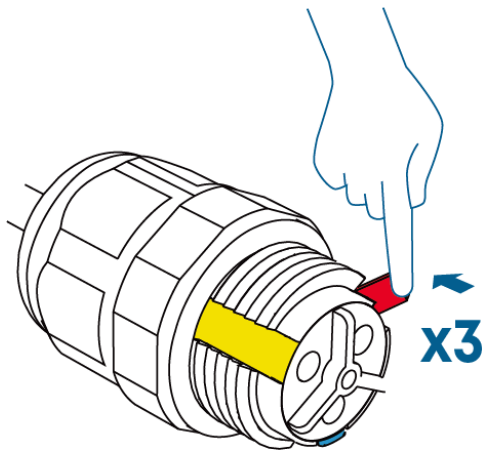
5. Reveal Insulated Wires

- Separate at least 25 mm of insulated wires.
- Expose at least 15 mm of copper wiring.



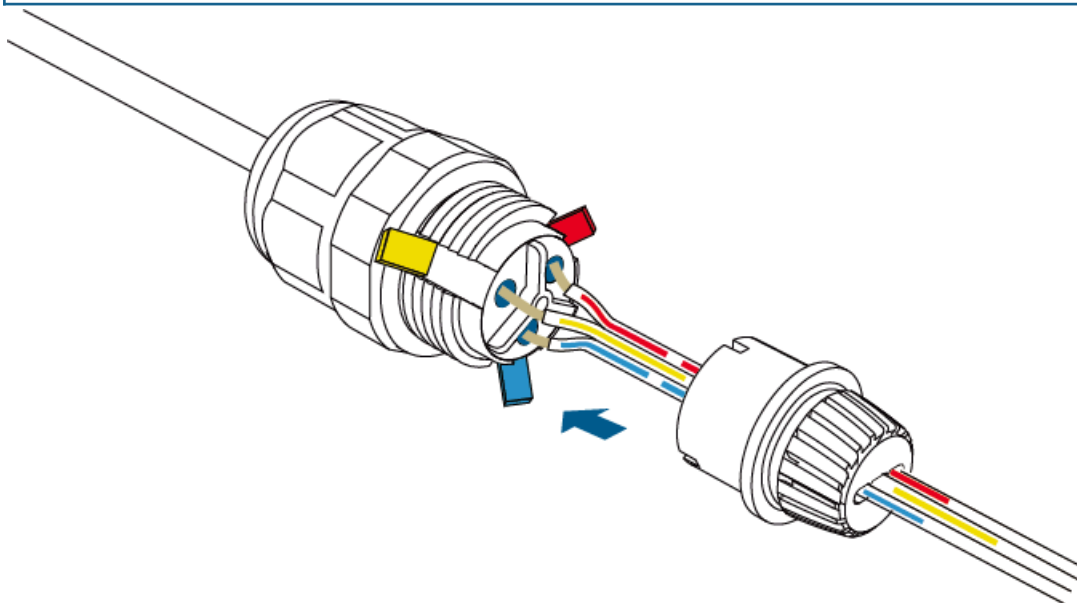
6. Connect the wire splicer to the cut light string.

- 1 Pull up the lever.



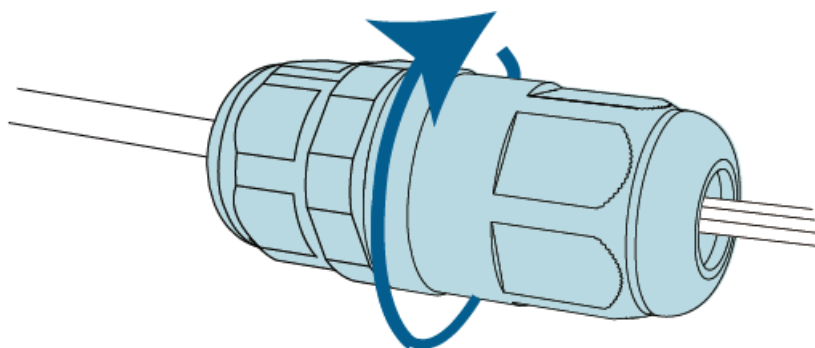
- ② Twist the wires into a single strand, and insert them into the connectors according to their colors. Push down the lever.

⚠ The wire color must match the color on the connector. Mismatched wiring will cause a short circuit.

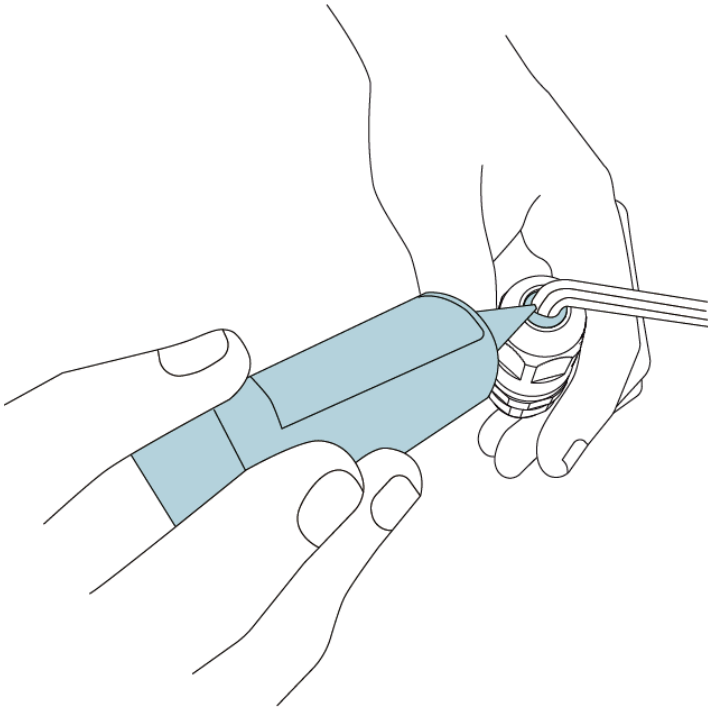


- ③ Screw **Part C** to **Part A** tightly to ensure optimal waterproofing.

⚠ Make sure the connection is secure before you proceed to the next step.



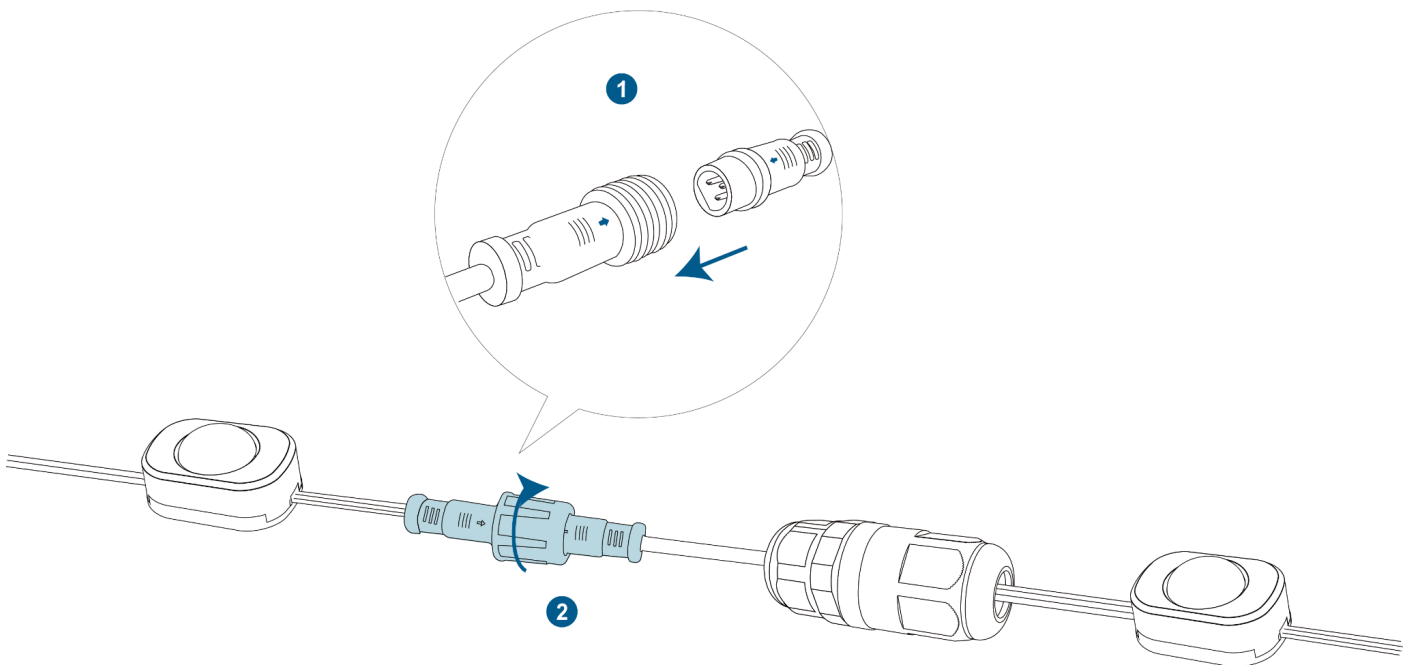
- ④ Fill the locking nut (Part C) with the provided silicone sealant to waterproof the splicer.



7. Connect to the next light string.



- Make sure the splicers and light strings are connected in a correct order.
- If you add extra light strings, please disconnect the power supply, and power on the light strings again, or manually calibrate the light strings in the app.



Wonderlink™

When paired with eufy devices, the eufy Permanent Outdoor Lights S4 can flash preset lighting effects to deter intruders, radiate a warm glow to welcome you home, or create vibrant festive displays to celebrate holidays and special occasions.

Connect eufy Devices to Your Lights

1. Tap **Smart** on the home screen, then **Automation** to enter the page.
2. Tap the **+** icon in the upper right corner to create a new scene.
3. Enter the scene name, select the devices you want to connect to the lights, complete the set up and save the scene.
4. Return to the Automation page to enable, disable or edit the light scene.

Compatible eufy Devices

Check this list to find a eufy device that works with Wonderlink™.

Wall Light Cam	Wired Wall Light Cam S100 Solar Wall Light Cam S120
Video Smart Lock	Video Smart Lock S330 Video Smart Lock E330
eufyCam	eufyCam S3 Pro eufyCam S330 (eufyCam 3) eufyCam S300 (eufyCam 3C) eufyCam S221 (eufyCam 2 Pro) eufyCam S220 (eufyCam 2C Pro) eufyCam 2 eufyCam S210 (eufyCam 2C) eufyCam E eufyCam
Video Doorbell	Video Doorbell E340 (Battery Powered) Video Doorbell S330 Video Doorbell S220 Video Doorbell S210 Video Doorbell C210 Video Doorbell C220 Video Doorbell (Wired) S330
Indoor Cam	Indoor Cam S350 Solo IndoorCam C24 Indoor Cam E220 Solo IndoorCam C22 Solo IndoorCam P22 Indoor Cam Mini
SoloCam	SoloCam S340 SoloCam S220 SoloCam C110 SoloCam C120 SoloCam E210 SoloCam E220 SoloCam S230 (S40)

Outdoor Cam	Outdoor Cam E210 Outdoor Cam E220
Floodlight Cam	Floodlight Camera E340 Floodlight Cam E220 Floodlight Cam E221 Floodlight Cam S330
4G Cam	eufy 4G LTE Cam S330
Garage-Control Cam	Garage-Control Cam E110 Garage-Control Cam E120