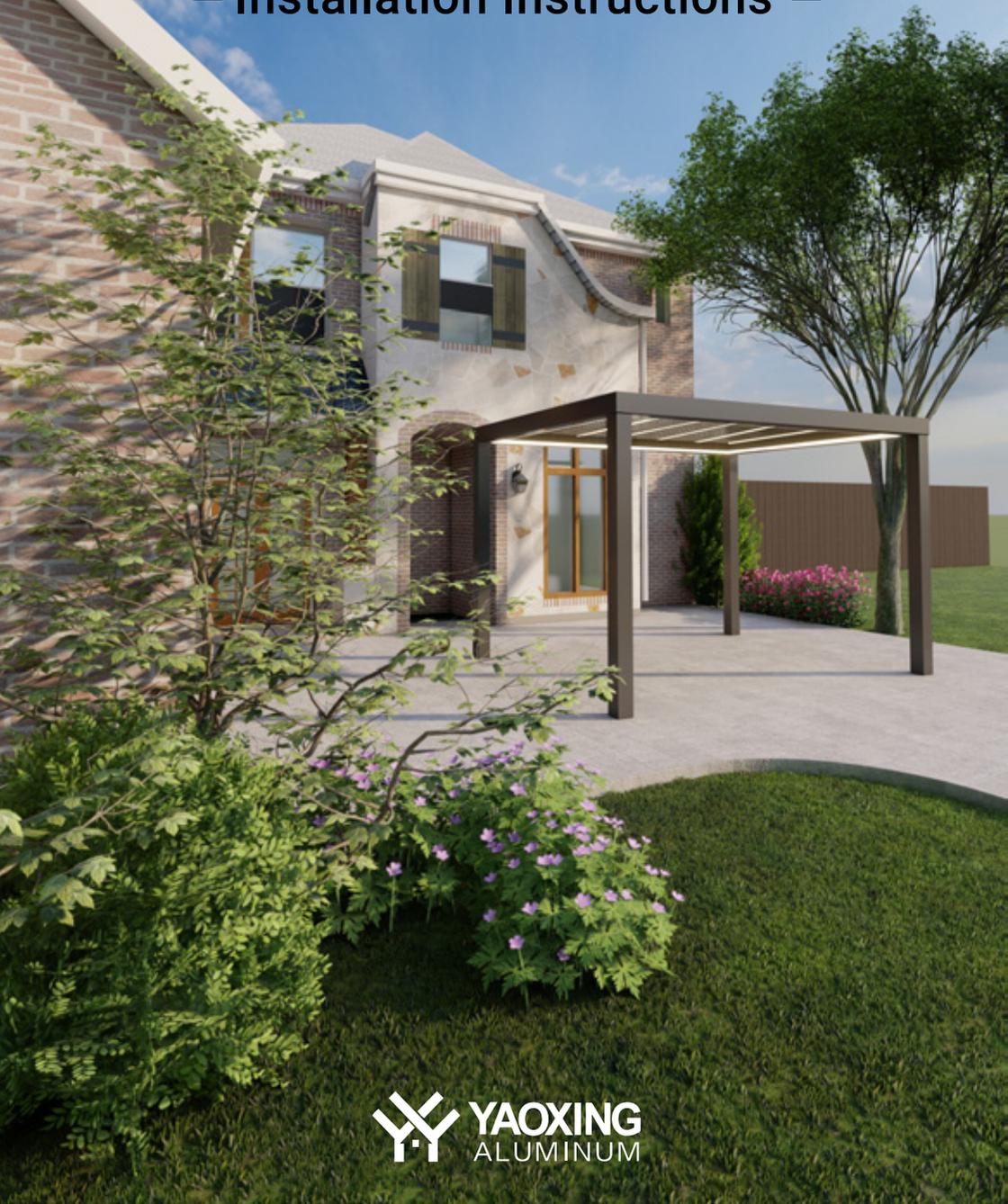


Aluminum Louvered Pergola – Installation Instructions –



! WARNING:

- Please ensure that both the customer and installer follow these instructions strictly to ensure proper installation. The customer and installer shall bear full responsibility for any personal injury or product damage caused by incorrect installation methods.
- After unpacking, confirm that the types and quantities of internal components match those listed in the manual.
- Before starting construction, check that all parts are intact. If any damage is found, contact the manufacturer immediately. The customer and installer shall bear full responsibility for any personal injury caused by installing damaged parts.

Product Name:
Main Material: Aluminum Alloy

TO THE INSTALLER:

Thank you for choosing our product. Please read this manual carefully before installation and follow the specified sequence and methods. Our company is not liable for losses caused by improper installation, so please ensure correct construction. For details on the motor and wiring, refer to the relevant installation manual.

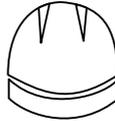
REQUIRED TOOLS:



Gloves



Hammer



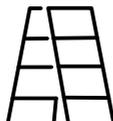
Safety Helmet



Tape Measure



Electric Drill



Ladder



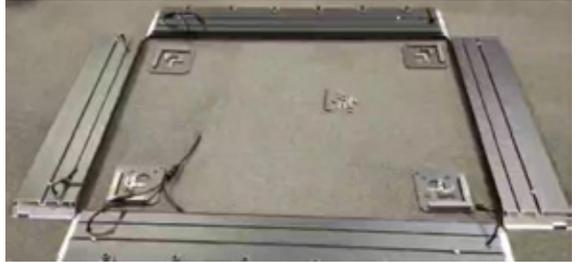
Level



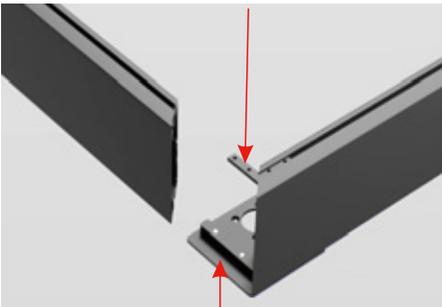
Spirit Level

ASSEMBLING THE SIDE BEAMS

First, place the side beams and base plate as shown in the diagram for easy installation. Note the louvers with positioning holes.

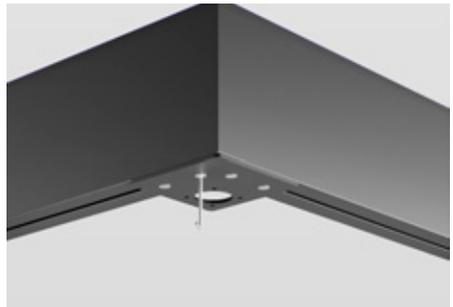


1. When sliding the side beam in, remember to insert the corner bracket.



2. After positioning the side beam, slide it into the base plate.

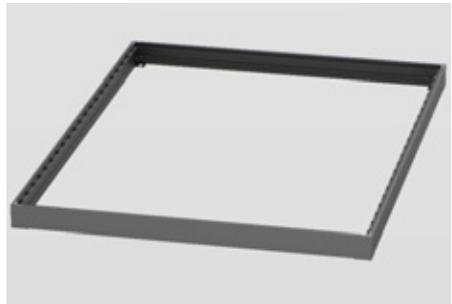
3. Push the left and right side beams together until there is no gap, then tighten the screws.



4. Drive the screw into the corner bracket at a 45° angle.



5. Install the horseshoe-shaped corner bracket.



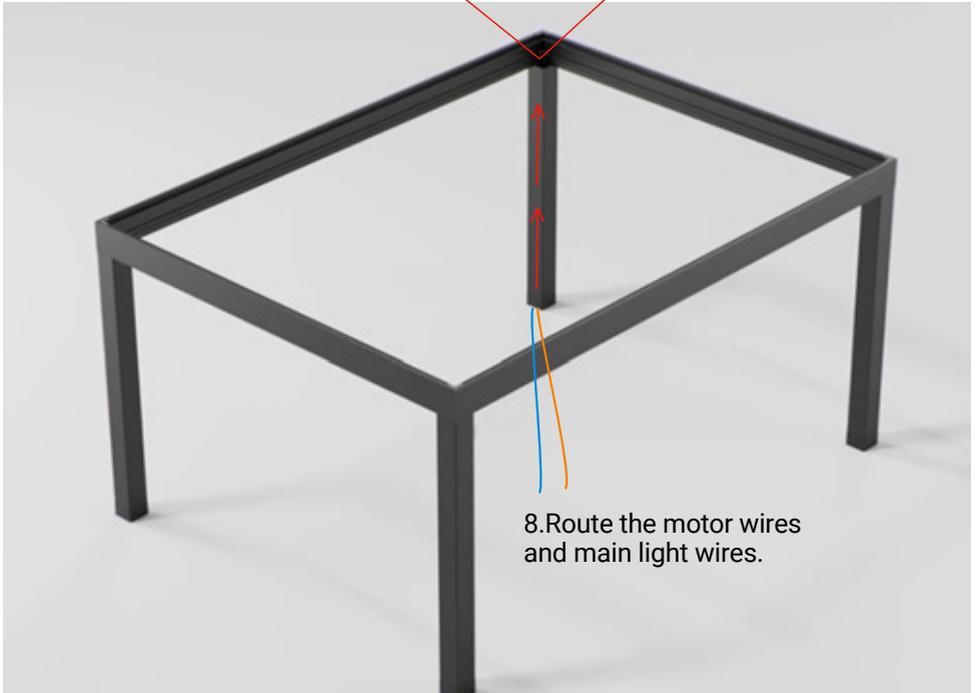
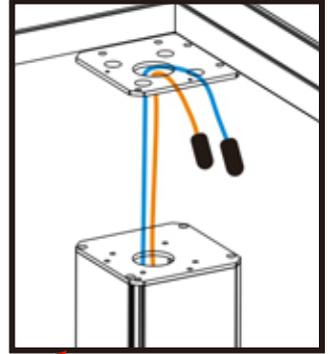
6. Side beam assembly is complete.

INSTALLING THE VERTICAL POSTS AND ROUTING WIRES

7. Tighten the vertical post screws.



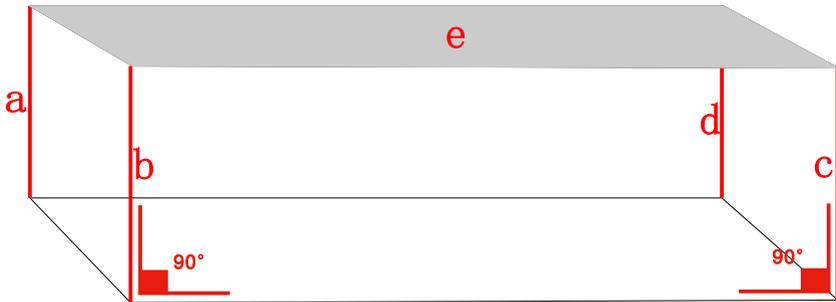
Enlarged Diagram
for Reference



8. Route the motor wires
and main light wires.

CONSTRUCTION SITE REQUIREMENTS

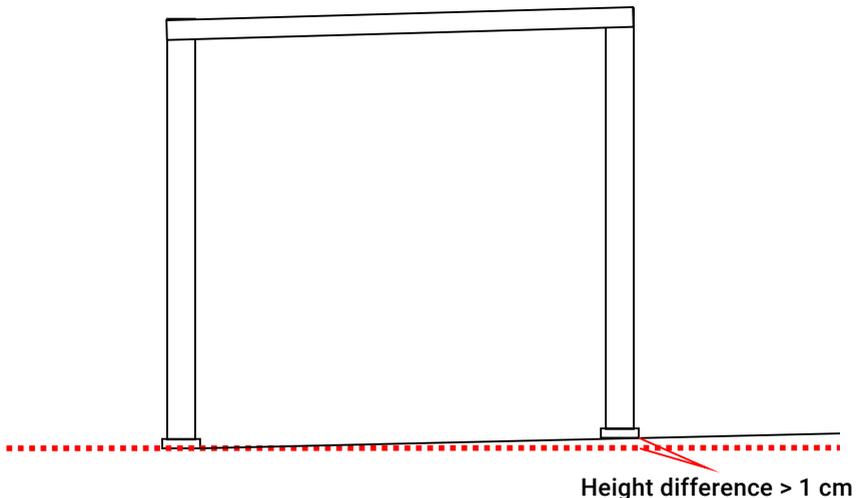
- 1) Use a level to check if the construction site is flat.
- 2) If there are height differences on the ground, ensure the levelness so that the top of the product is on the same horizontal plane.
- 3) The vertical posts must be kept plumb.



Measure to ensure points a, b, c, d are at the same height, and surface e is on a single plane.



WARNING: A height difference exceeding 1 cm will cause the product to tilt, affecting its normal operation. Potential issues include: inability to fully close the louvers, motor malfunctions, and excessive operating noise.



SECURING THE VERTICAL POSTS

9. Mark the positioning lines.



10. Drill holes according to the positioning lines.



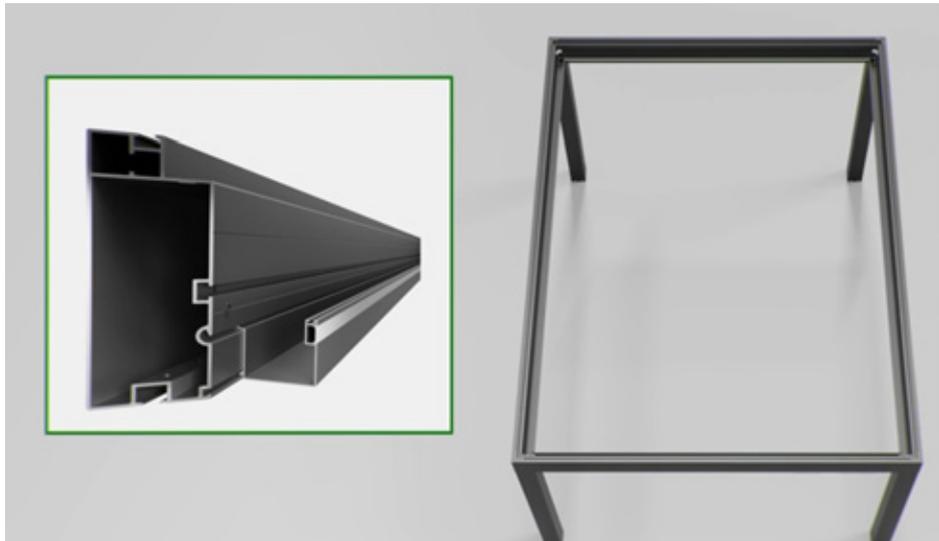
11. Tighten the vertical post base brackets.



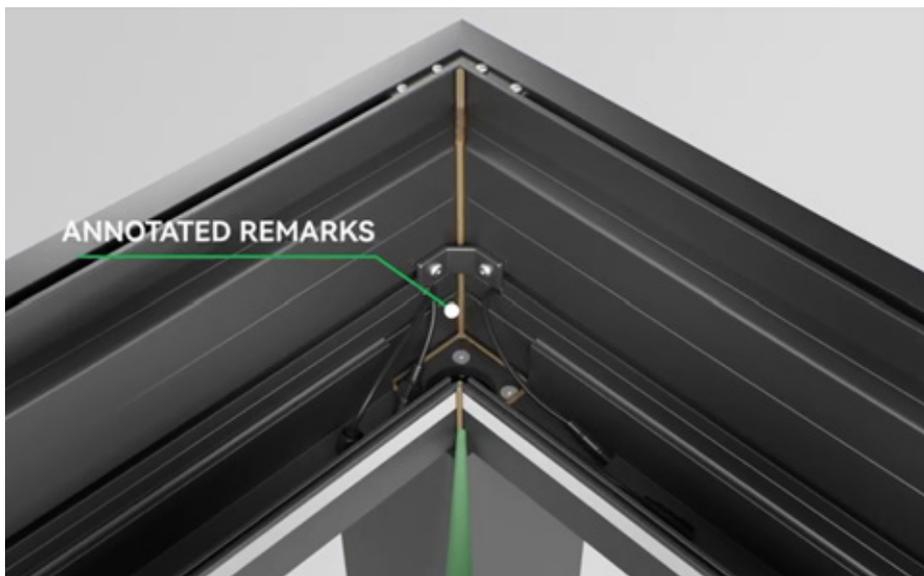
12. Vertical post securing is complete.



INSTALLING THE WATER CHANNEL

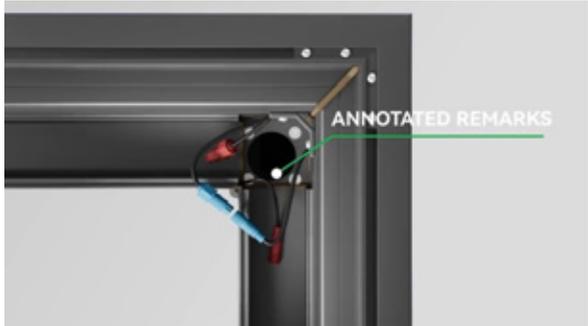


13. Hang the water channel as shown in the diagram above.

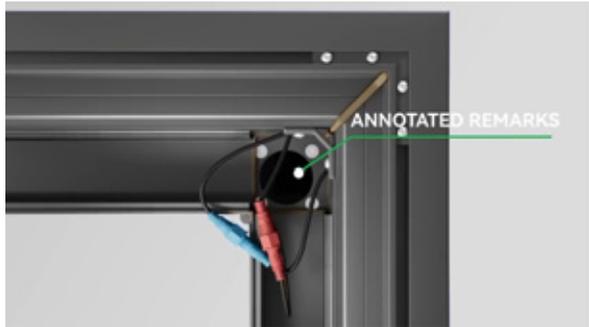


14. Tighten the screws to secure the water channel, then apply sealant. The sealant application position corresponds to the yellow markings in the diagram above

WIRING

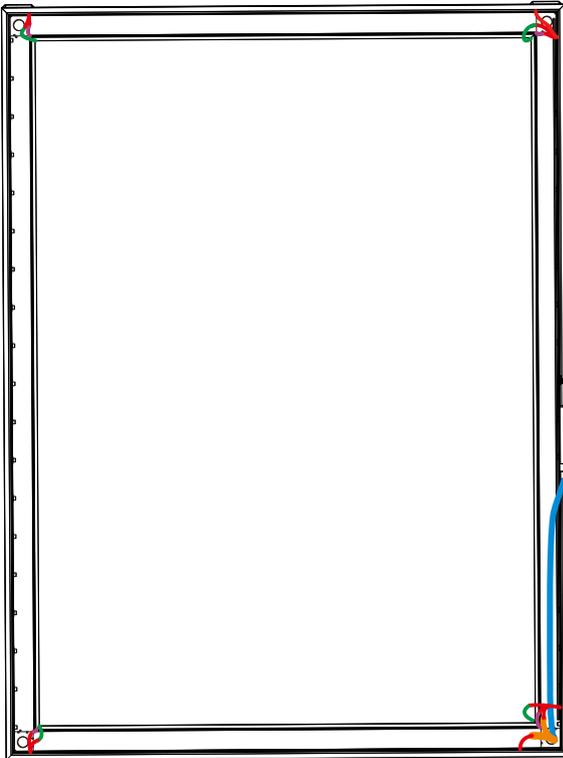
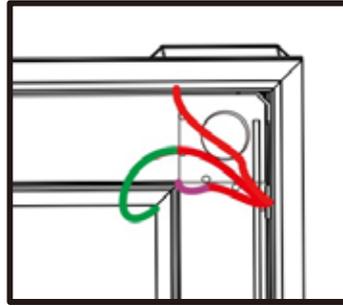
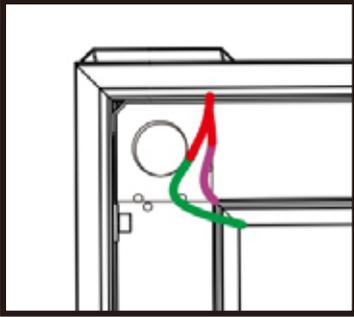


15. Connect the light wires at all four corners as shown in the diagram.



16. Connect the main wire (routed from the vertical post) as shown in the diagram.





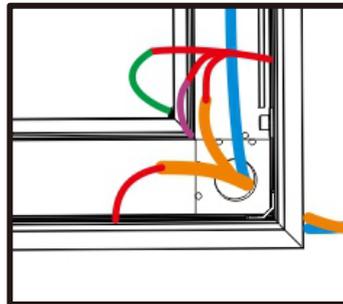
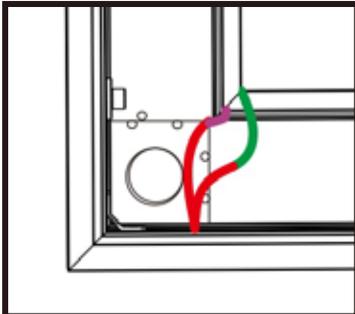
17 Wiring Diagram

- Vertical Post Wire
- Light Slot Wire
- Side Beam Wire

Motor Wire

Main Light Wire

Power Cord



INSTALL AND LOCK ALL LOUVERS

17. Insert the louver into the convex louver holder.



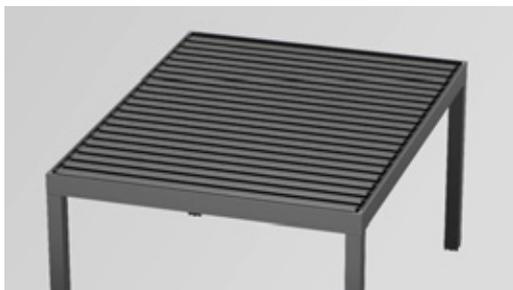
18. Place the louver into the concave louver holder, then install the cover plate.



19. Place the louver with the light strip into the concave louver holder marked with "LED".



20. Louver installation is complete



INSTALL ALL LOUVERS

21

Install the louvers one by one.



INSTALLING THE LINEAR ACTUATOR MOTOR

First, remove the screws from the actuator as shown in the diagram and set them aside for later use.



22. Install the actuator with the louvers in the closed position.



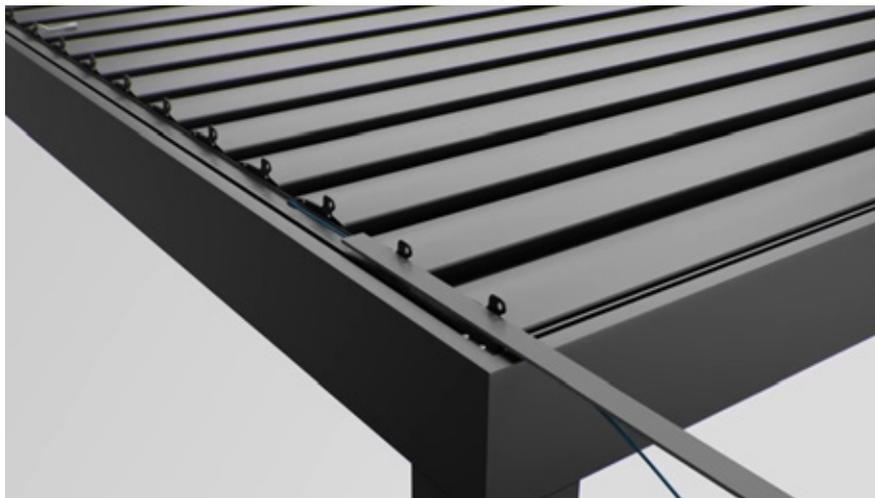
23. Secure the motor bracket.



24. Install the motor housing.



CONNECTING THE WIRES



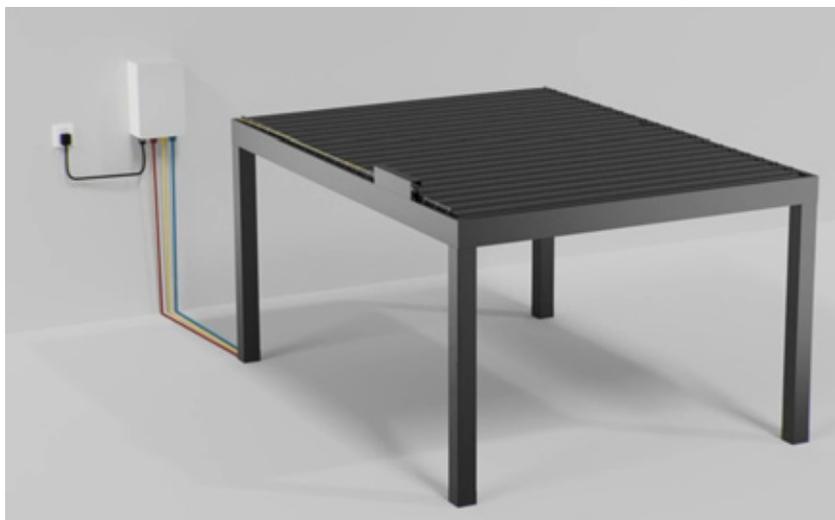
25. After installing the wire duct, place the main LED light wire inside the duct.



26. Connect the quick connectors of the louvers with lights.

INSTALLATION COMPLETED

**27. Installation is complete
Power on and test the system.**



Daily Troubleshooting And Maintenance

1.If the product wobbles, promptly check whether the corresponding screws are loose.

2.If parts of the product make abnormal noises, apply lubricating oil to the relevant positions.Proper maintenance will extend the product's service life, keep it intact, and ensure it stays in good condition!

Important Precautions For The Sunshade Pergola

1.Under the following circumstances, be sure to open the sunshade:In case of heavy rain or snow, fully open the louvers vertically to avoid damage to the product.

2.If there is snow, leaves, or other debris (e.g., branches, fallen leaves) on the product, clean it up promptly. Otherwise, it may affect the operation of the sunshade and even cause malfunctions.

3.Modification or addition of components to the factory-delivered sunshade is strictly prohibited. The user shall bear full responsibility for any consequences arising from such actions.

4.Do not intentionally interfere with the sunshade while it is opening or closing.

⚠ Caution: Improper operation may cause property damage, and even injury to the user or others.

Maintenance Record:

Date of Manufacture:



Aluminum Louvered Pergola – Installation Instructions –