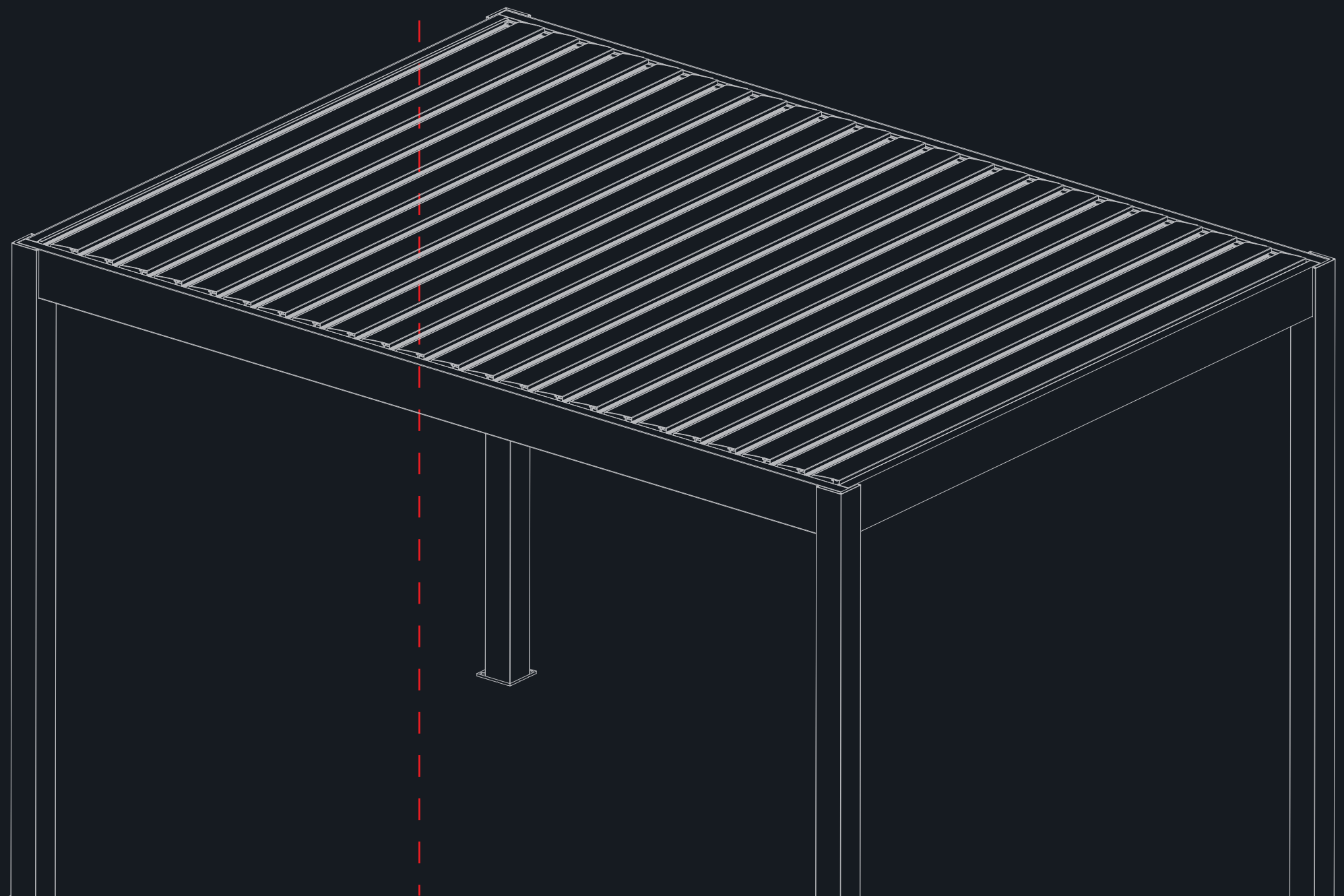


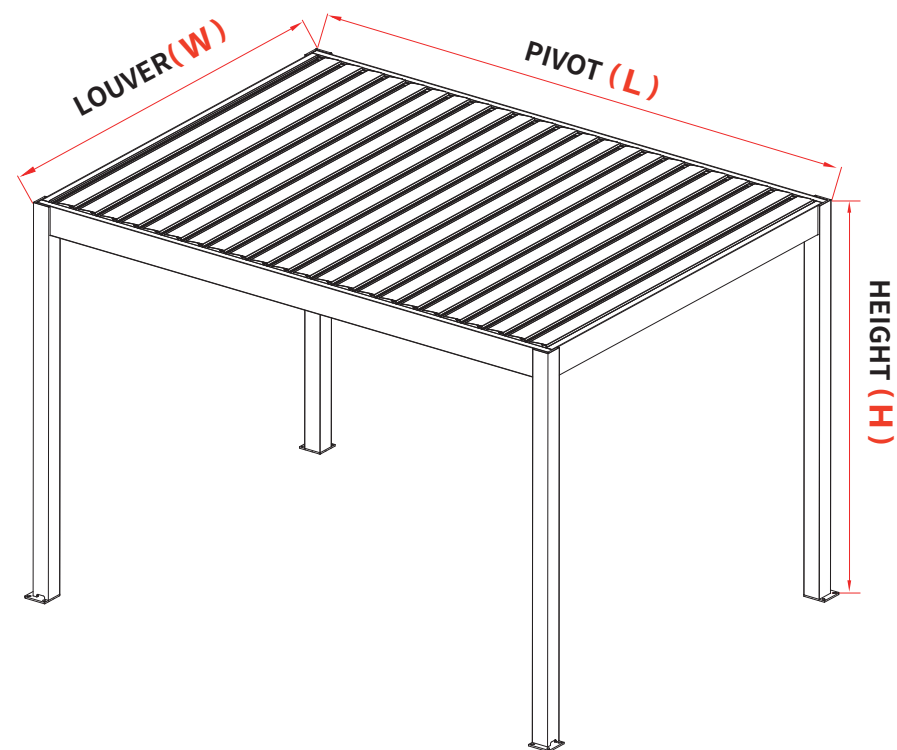
# PERGOLA PRODUCT MANUAL

Installation manual

MR-PL01



# Pergola

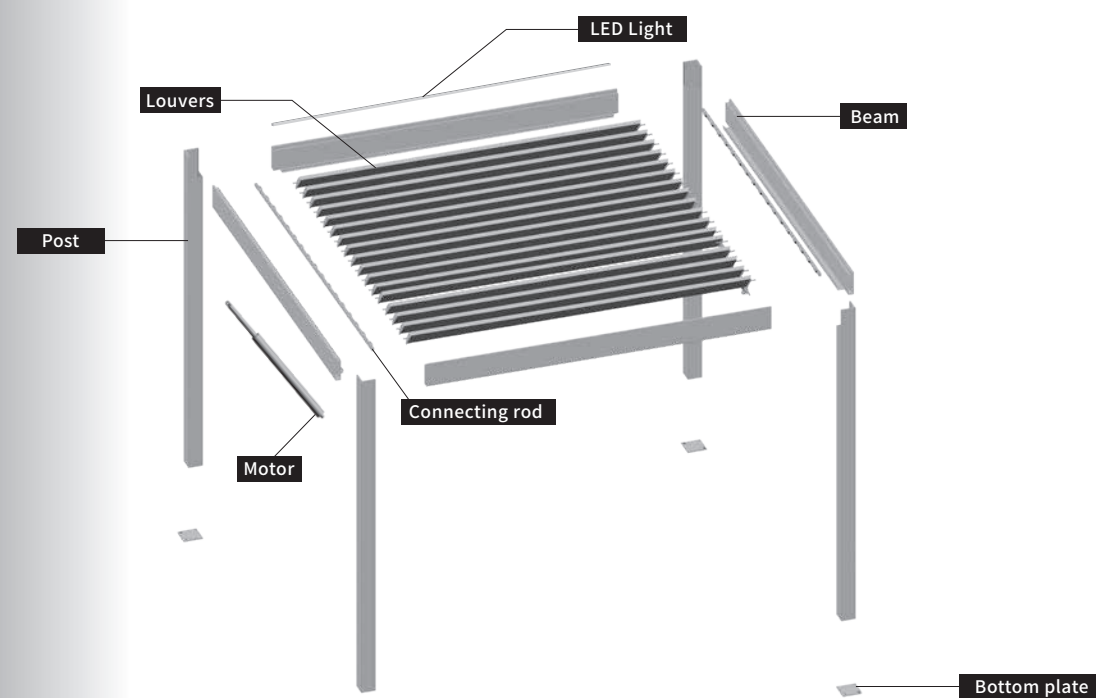


## Basic parameters

### MR-PL01

<b>Regular size</b> <small>Louvers*Pivot*Height</small>	300*300*260cm	300*400*260cm	300*600*260cm	300*800*260cm
	400*300*260cm	400*400*260cm	400*600*260cm	400*800*260cm
	450*300*260cm	450*400*260cm	450*600*260cm	450*800*260cm
<b>Color</b>	White / Dark grey			
<b>Control</b>	Motorised / Manual			
<b>Material</b>	Aluminum alloy profile			
<b>Function</b>	Rain proof / Windproof / Snow protection / Sun protection / Fire prevention			
<b>Application</b>	Private house / Commercial places / Restaurants / Hotels / Clubs / Estate projects etc.			

## The packing detail

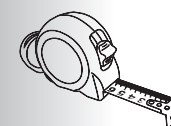


### Packages

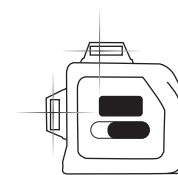
- 1-6: Posts
- 2/3/4-6: Louvers
- 5-6: Beams
- 6-6: Accessories



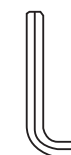
## Installation tool



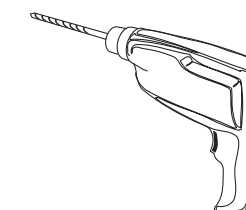
Tape measure



Laser measuring instrument

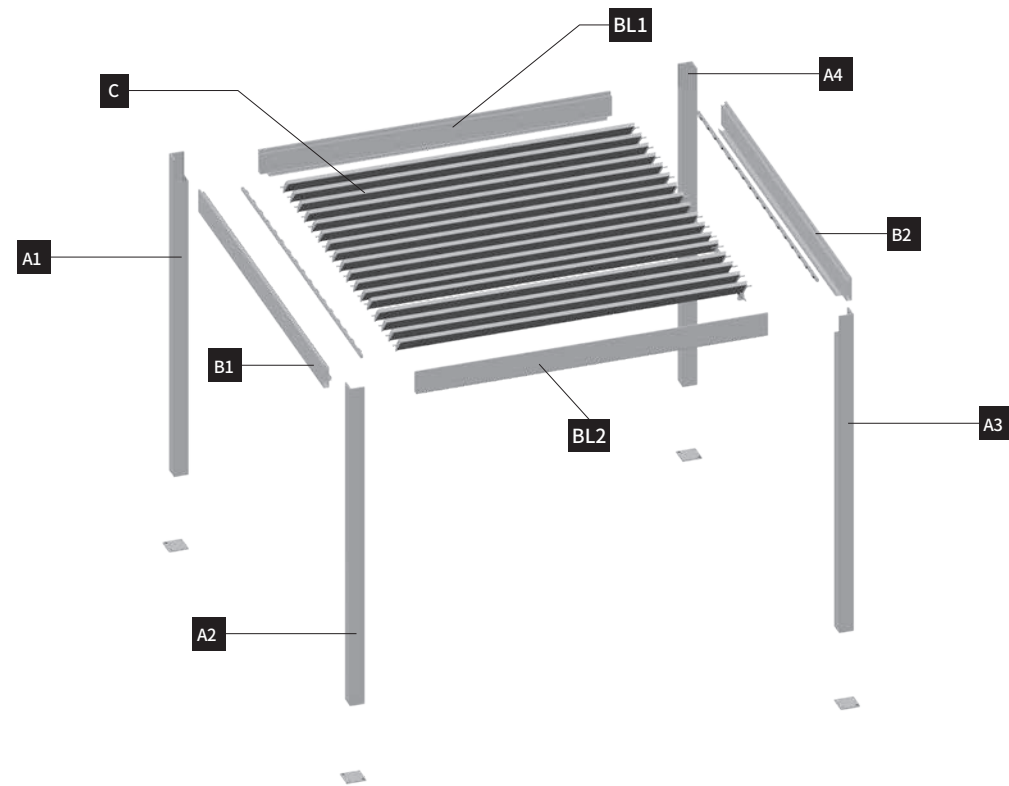


Hexagon wrench

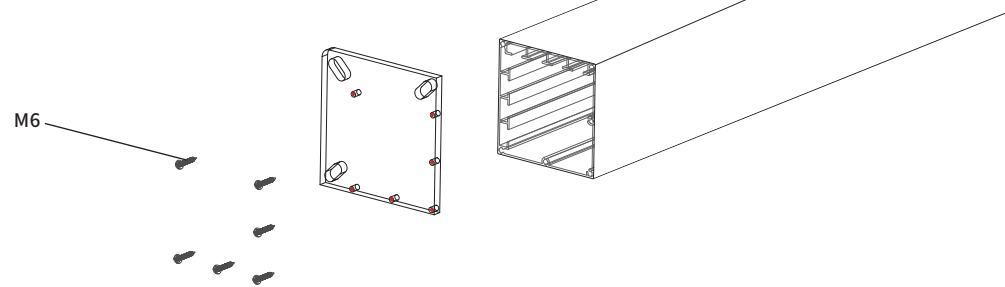


Electric drill

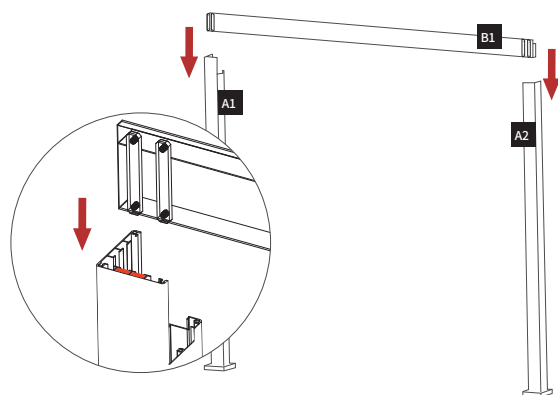
## Basic installation instructions



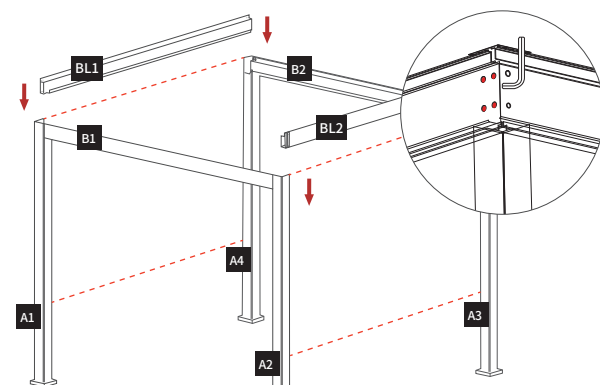
1 Fix the four bottom plates and the posts with screws.



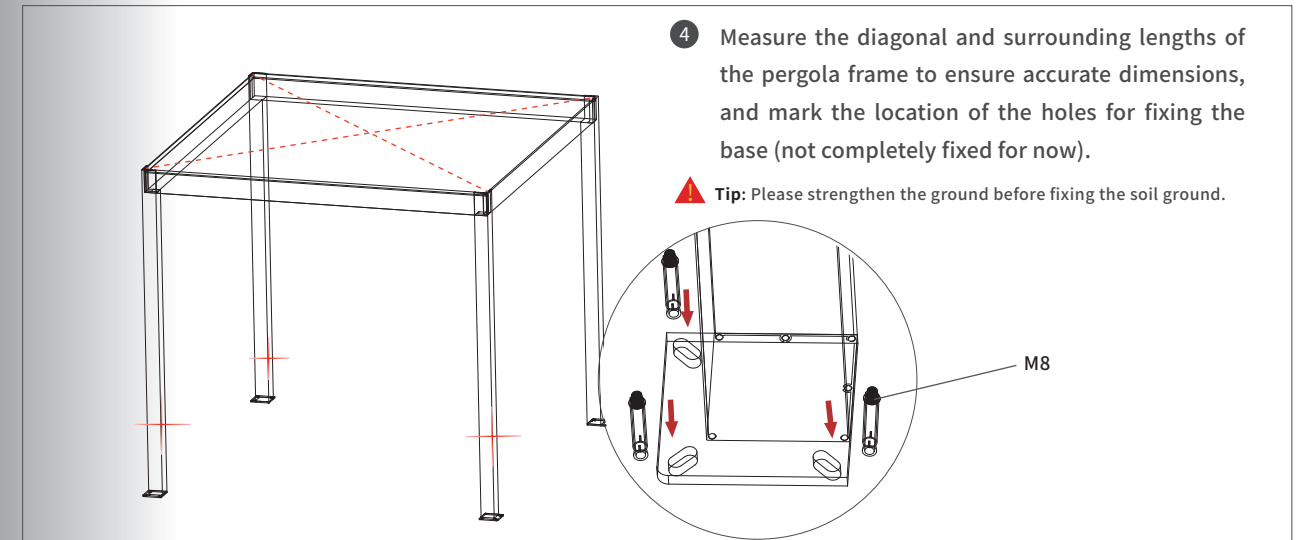
2 Connect the long beams **B1** and **B2** to the posts **A1-A2 / A3-A4** respectively. After adjustment, fix the screws of the plug-in plate.



3 Stand up the posts at the same time, and measure the positions on both sides, install the beam in the direction of the louver; install the beam **BL1 / BL2** on the post, and fix the screws of the plate screw.



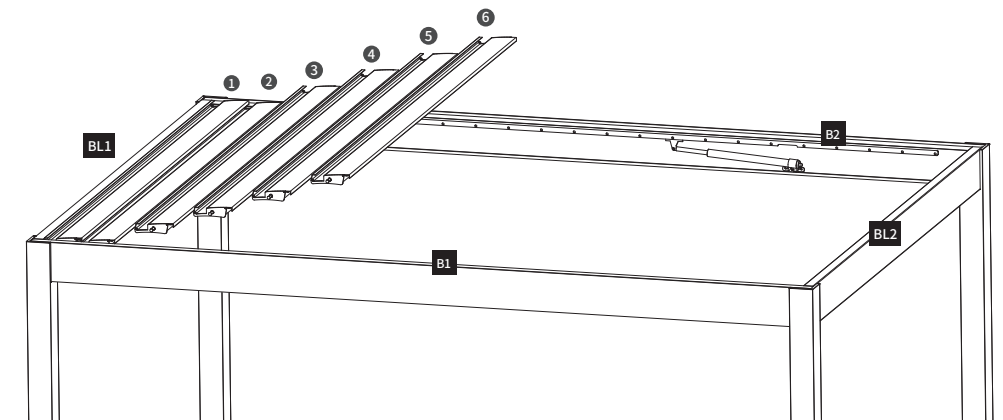
## Basic installation instructions



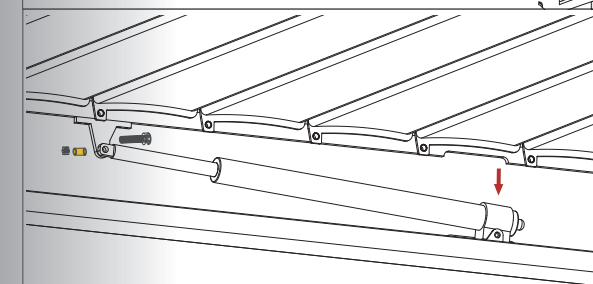
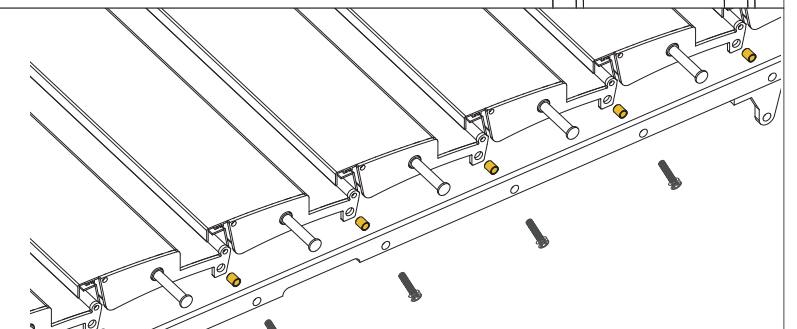
4 Measure the diagonal and surrounding lengths of the pergola frame to ensure accurate dimensions, and mark the location of the holes for fixing the base (not completely fixed for now).

**Tip:** Please strengthen the ground before fixing the soil ground.

5 Install the louvers (**BL1** direction is the first one).



6 Match the louver on the side of the motor to the hole position with the connecting rod, install the copper ring first, put a gasket between the louver and the link rod, and fix it with screws.

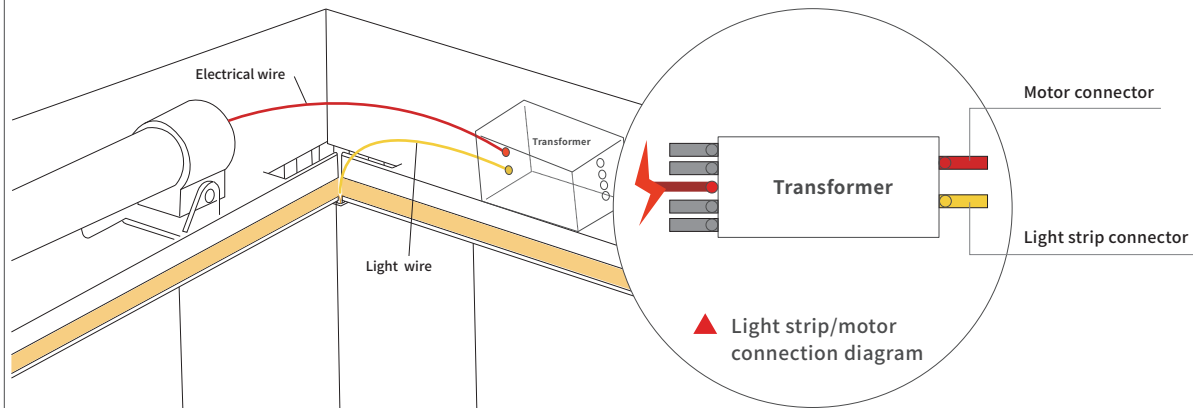


7 First temporarily energize the motor, adjust the motor stroke to the maximum and loosen the motor base, and then start fixing the motor and the louver connecting plate (align the connecting rod hole with the motor hole, insert the copper ring first, then insert the screw, and put on the back cap) and then push the motor forward to check that after the louvers are flush, fix the motor base.

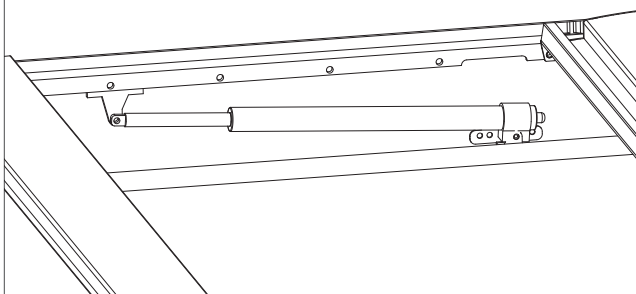
## Basic installation instructions



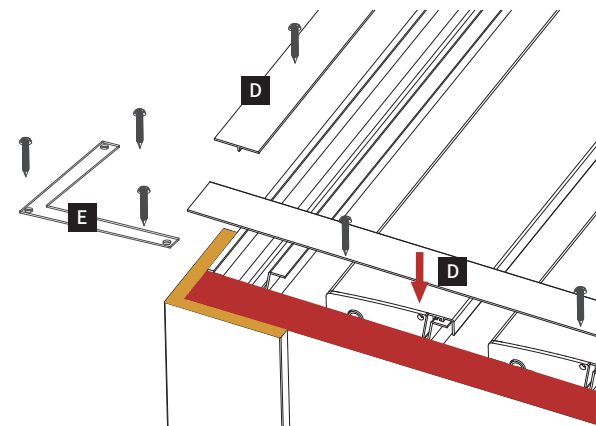
- 8 Put the LED light strip into the groove on the lower side of the beam, and the wires at the beginning and end are in the same position as the push rod motor wires. According to the label of the wire connector, it corresponds to the interface of the waterproof controller and is placed in the beam.



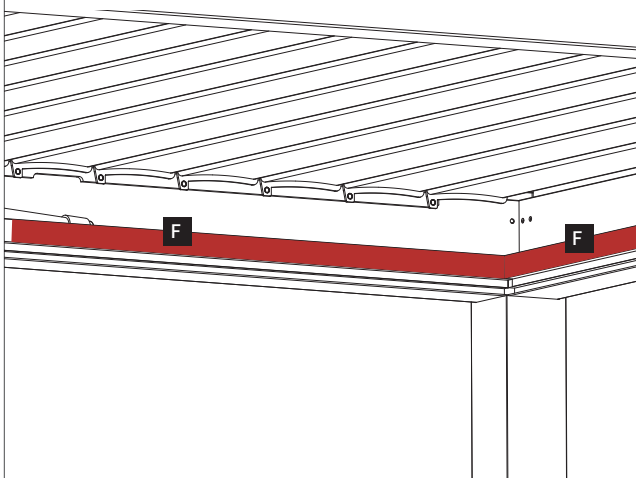
- 9 Power on, check whether there is any problem with the operation;  
if the operation is not smooth, please check:
1. Whether the motor is running.
  2. Whether the installation distance is accurate.



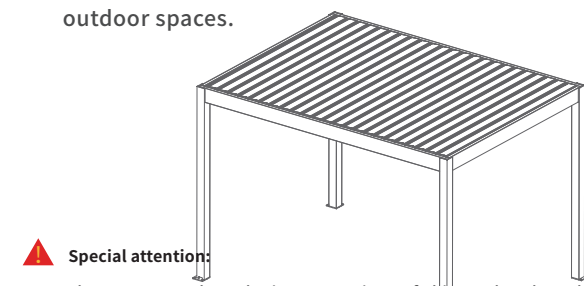
- 10 Put the louver pressing plate **D** into the groove on the upper end of the louver installation code and fix it with screws; Connect the upper cover of the post **E** with screws.



- 11 Install the beam fender **F**.

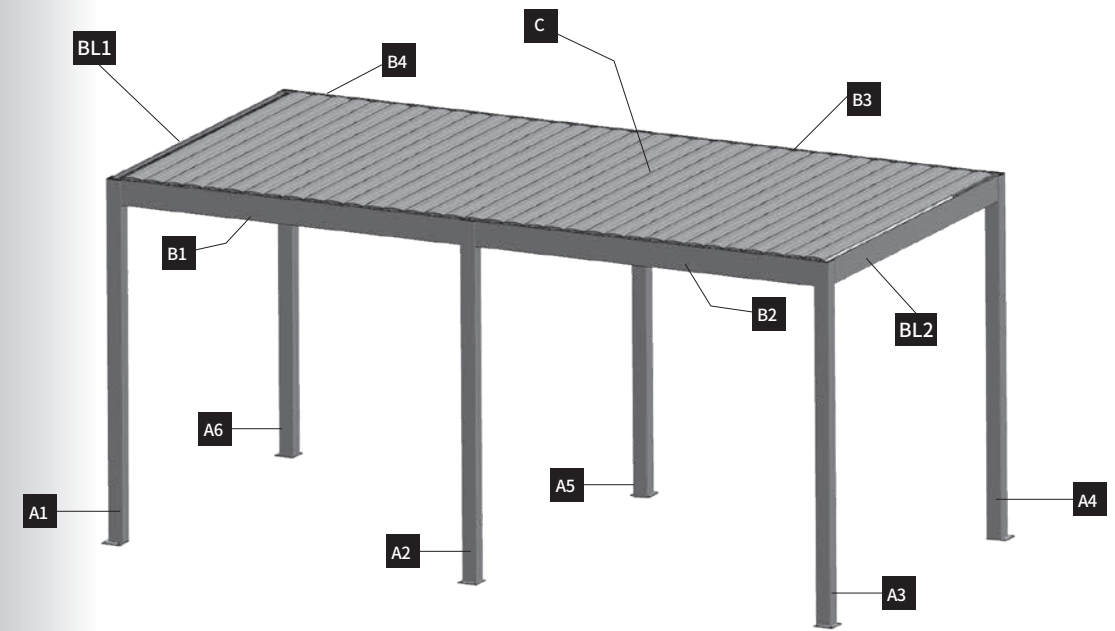


- 12 The installation is complete. Start enjoying unique outdoor spaces.

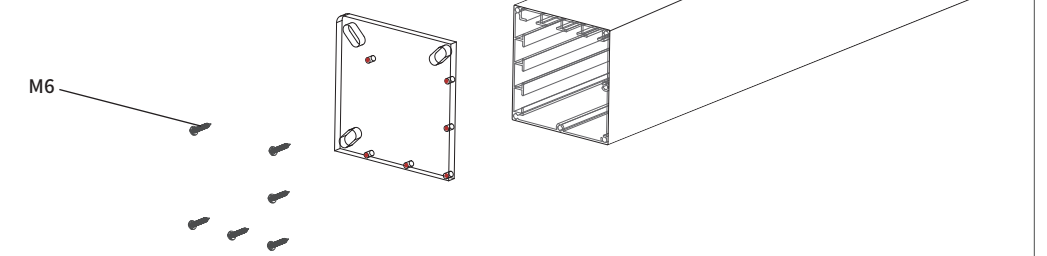


**Special attention:**  
The power supply and wire connections of this product have been waterproofed. Please use an electric pen to check whether there is leakage at the connection every 3-5 months; if there is leakage, please deal with the leakage before using this product.

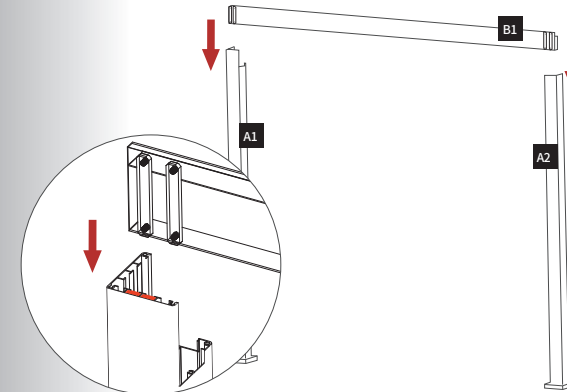
## Extension installation instructions



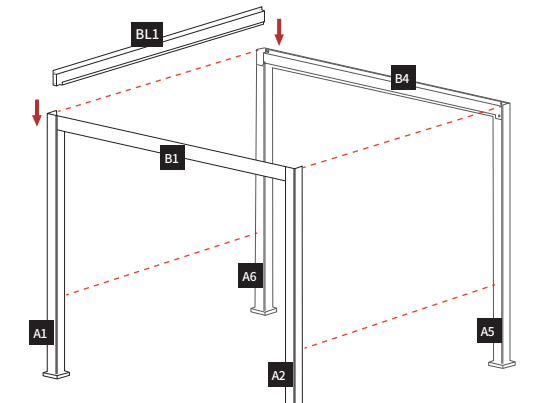
- 1 Fix the four bottom plates and the posts with screws.



- 2 Connect the long beams **B1/B4** to the posts **A1-A2** / **A5-A6** respectively, and fix the screws of the plug-in plate after adjustment.



- 3 Stand up the posts at the same time, and measure the positions on both sides; Install the louver direction beam **BL1** on the corresponding post, and fix the plate screw;

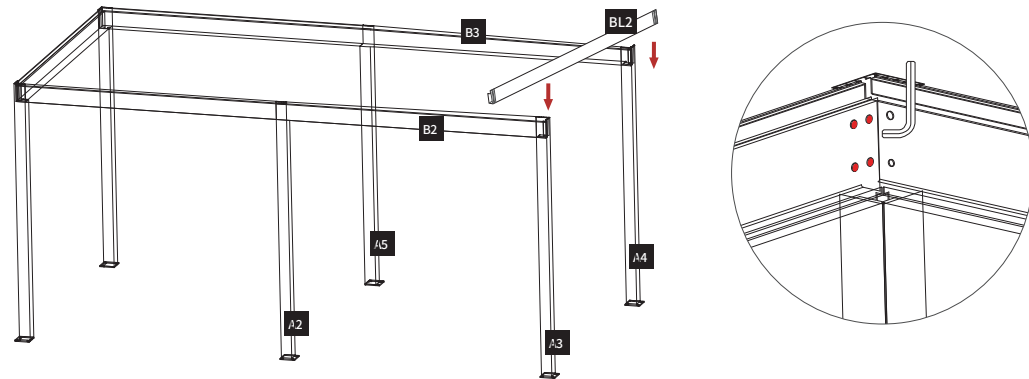




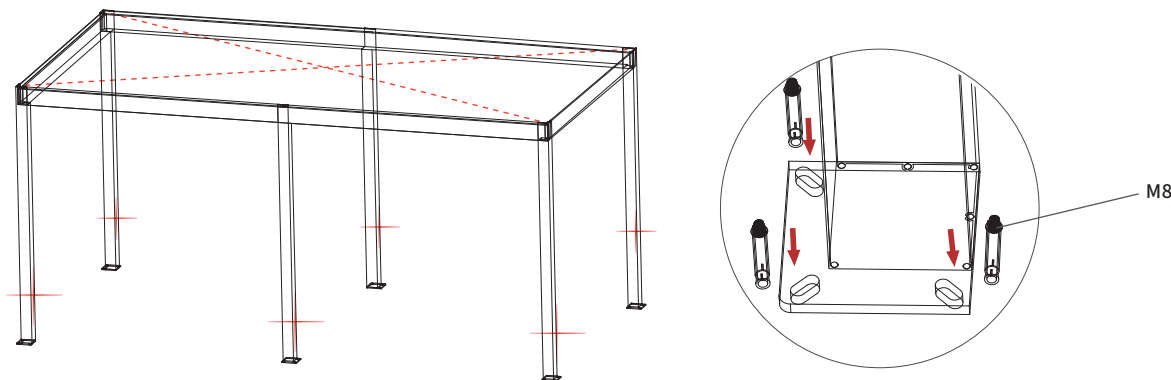
## Extension installation instructions



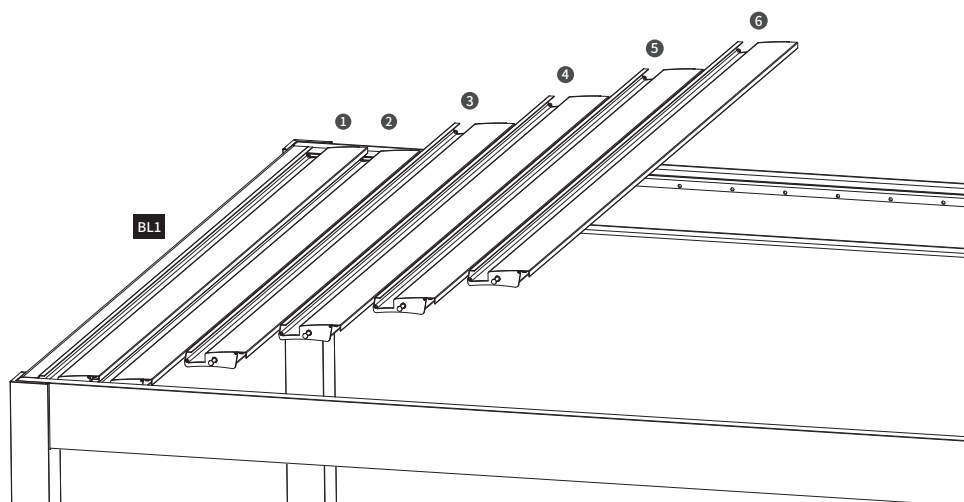
- 4 Stand up the **A3** post, measure the position, install the long beam **B2** and fix the plate screws; Stand up the **A4** post, measure the position, install the long beam **B3**, and fix the plate screws; Measure the distance of the **A3 / A4** posts, install the louver direction beam **BL2**, and fix the board screws.



- 5 Measure the diagonal and surrounding lengths of the pergola frame to ensure accurate dimensions, and mark the location of the holes for fixing the base (not completely fixed for now);



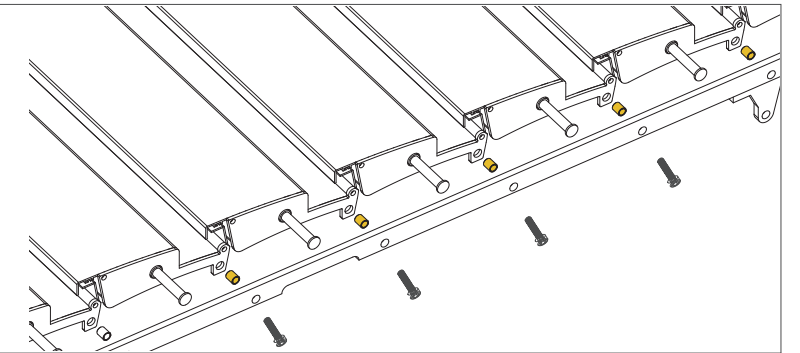
- 6 Install the louvers (**BL1** direction is the first one).



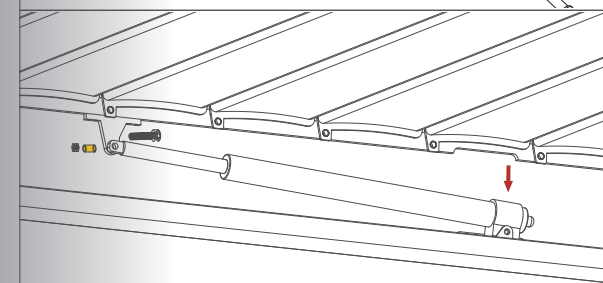
## Extension installation instructions



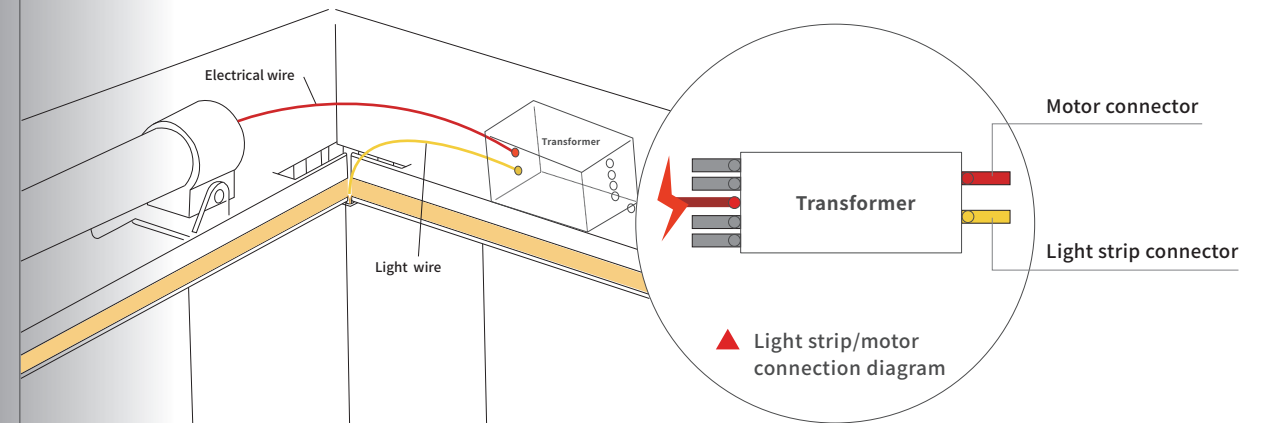
- 7 Match the louver on the side of the motor to the hole position with the connecting rod, install the copper ring first, put a gasket between the louver and the link rod, and fix it with screws.



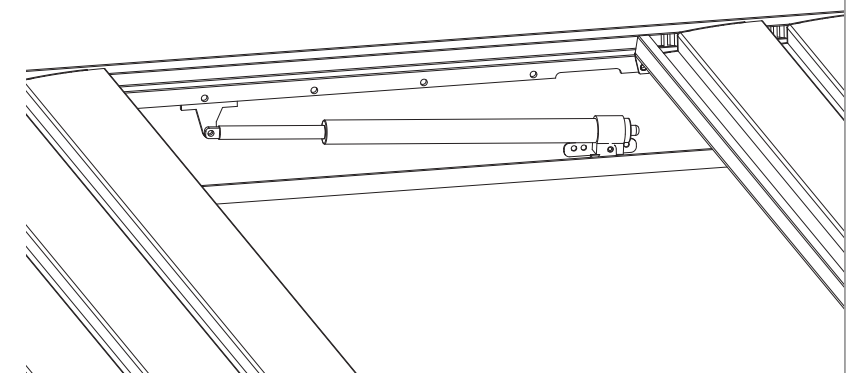
- 8 First temporarily energize the motor, adjust the motor stroke to the maximum and loosen the motor base, and then start fixing the motor and the louver connecting plate (align the connecting rod hole with the motor hole, insert the copper ring first, then insert the screw, and put on the back cap) and then push the motor forward to check that after the louvers are flush, fix the motor base; The extension has two motors in **B1** and **B2** respectively, please repeat this step.



- 9 Put the LED light strip into the groove on the lower side of the beam, and the wires at the beginning and end are in the same position as the push rod motor wires. According to the label of the wire connector, it corresponds to the interface of the waterproof controller and is placed in the beam.



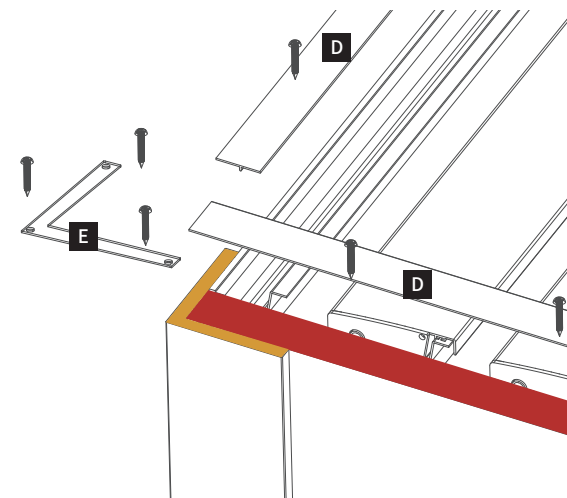
- 10 Power on, check whether there is any problem with the operation; if the operation is not smooth, please check:  
1. Whether the motor is running;  
2. Whether the installation distance is accurate.



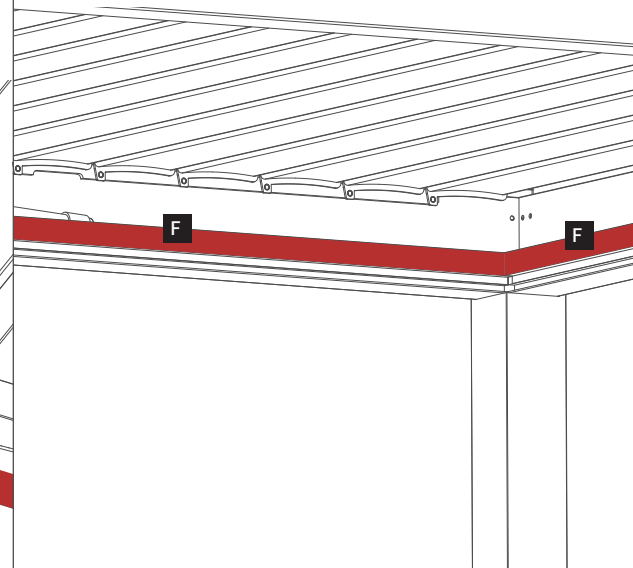
## Extension installation instructions



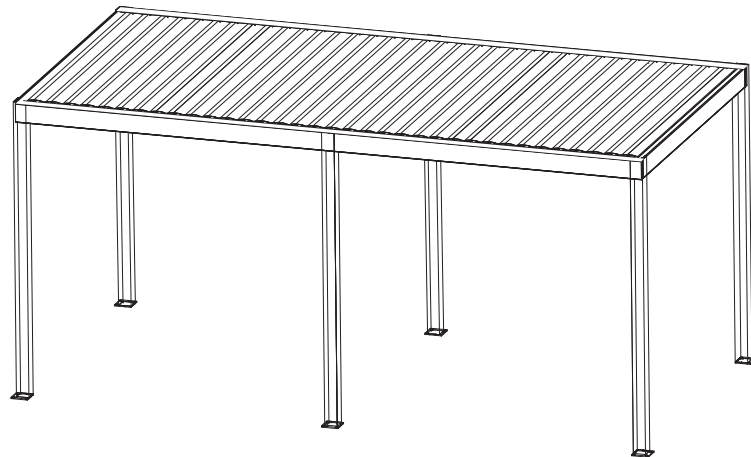
- 10 Put the louver pressing plate **D** into the groove on the upper end of the louver installation code and fix it with screws; Connect the upper cover of the post **E** with screws.



- 11 Install the beam fender **F**.

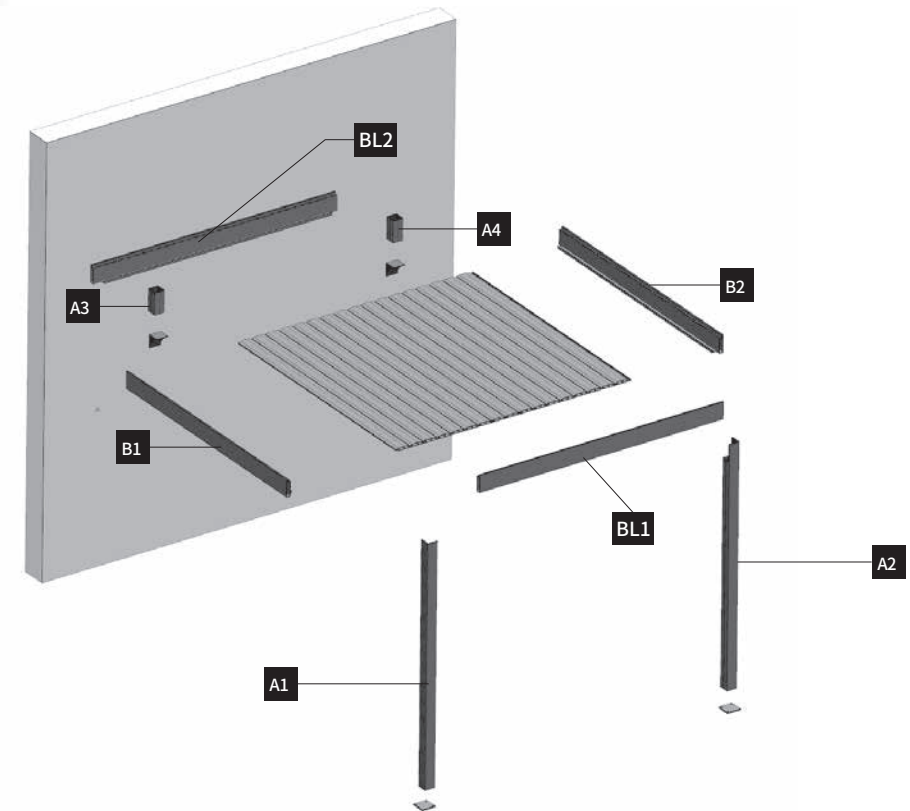


- 12 The installation is complete. Start enjoying unique outdoor spaces.

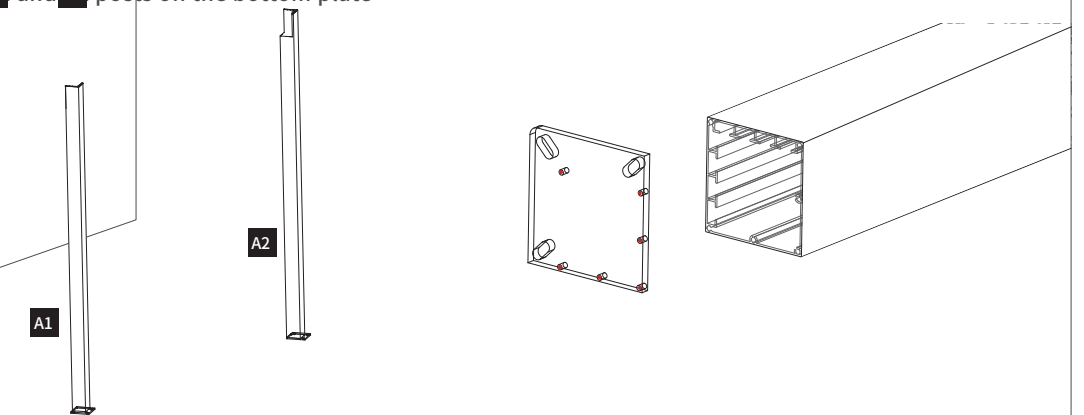


**Special attention:**  
The power supply and wire connections of this product have been waterproofed. Please use an electric pen to check whether there is leakage at the connection every 3-5 months; if there is leakage, please deal with the leakage before using this product.

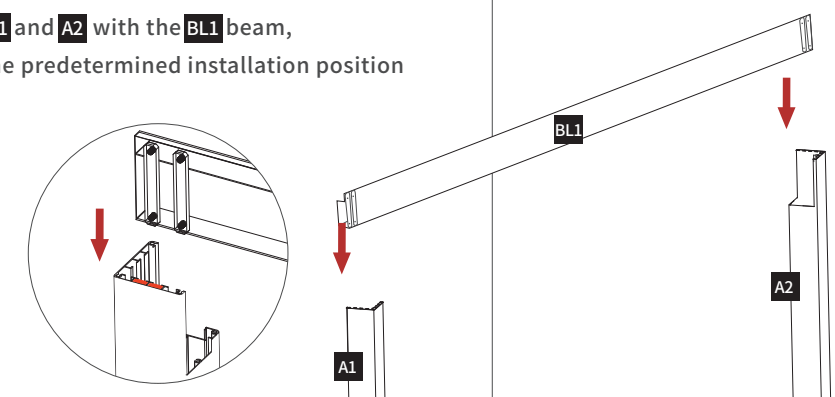
## Double post against the wall installation instructions



- 1 Install the **A1** and **A2** posts on the bottom plate



- 2 Connect the posts **A1** and **A2** with the **BL1** beam, and erect them to the predetermined installation position

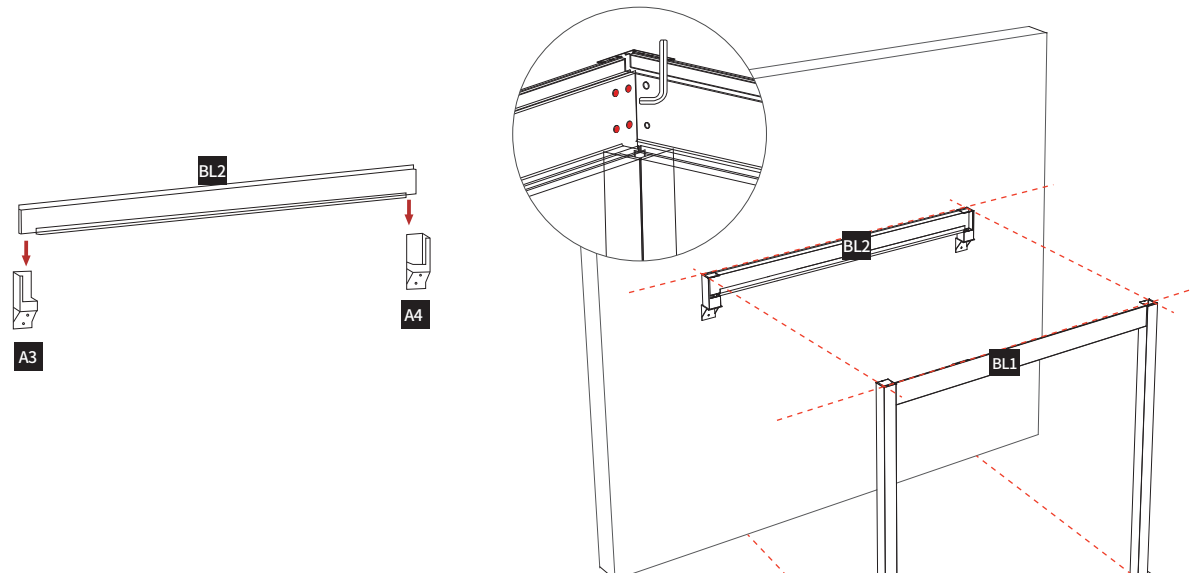


## Double post against the wall installation instructions



3 Link the installation codes **A3** and **A4** with **BL2**

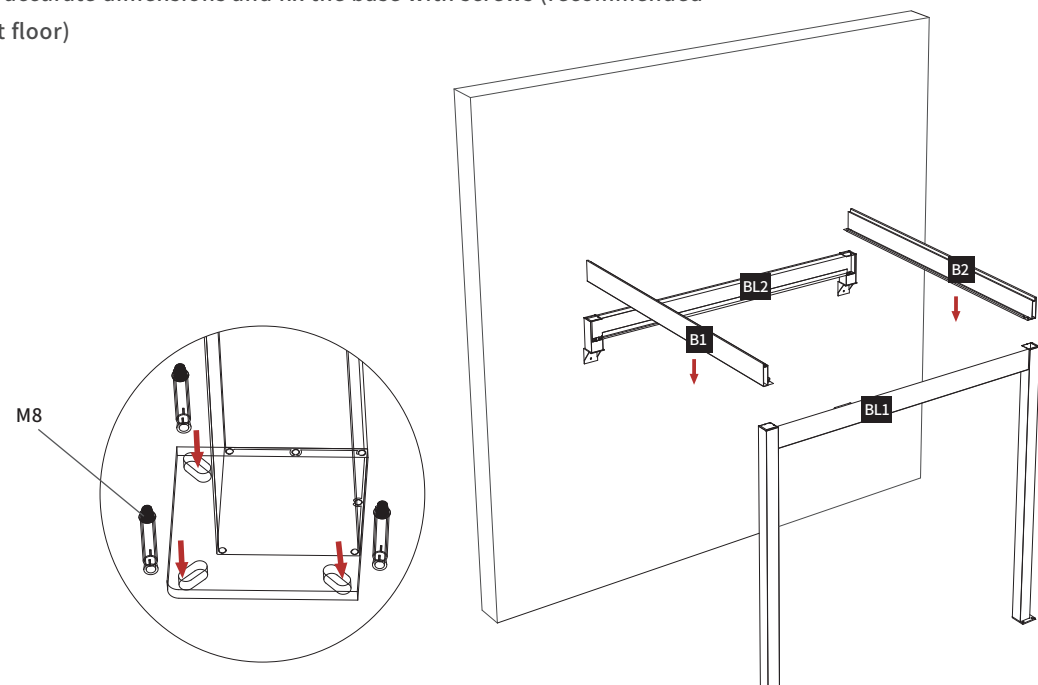
4 Measure the positions of **BL1** and **BL2** with a laser measuring instrument or other tools; here are the key installation steps, please ensure the overall levelness of the sea canopy.



5 Install the beam parts of **B1** and **B2** to link with **BL1** \ **BL2**

**Note:** When the louver direction is parallel to the wall, install B1 and B2 first, then BL1 and BL2

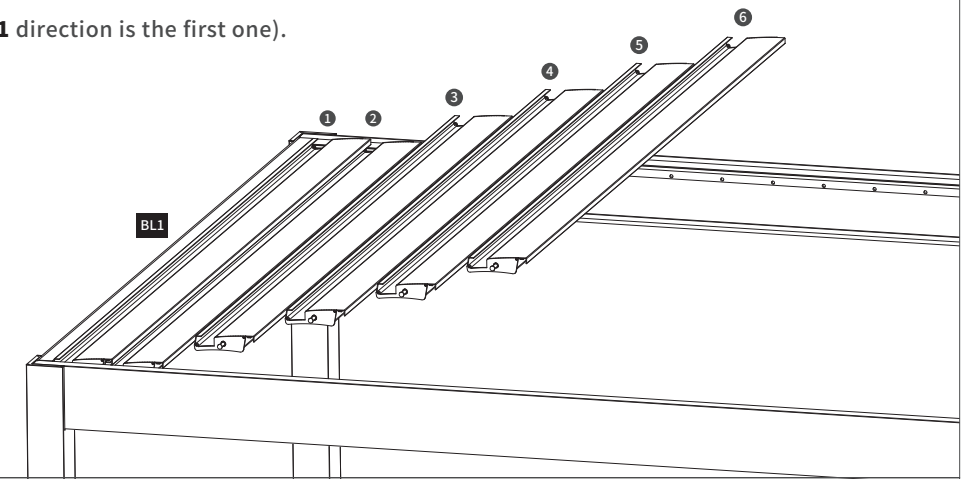
6 Measure the diagonal and surrounding lengths of the product frame to ensure accurate dimensions and fix the base with screws (recommended cement floor)



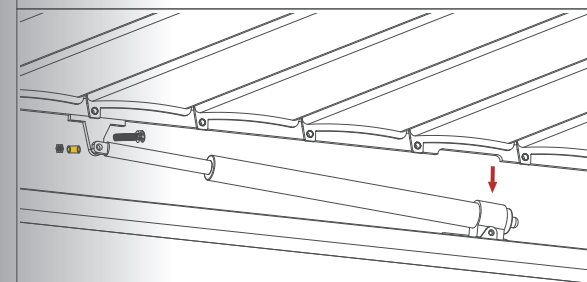
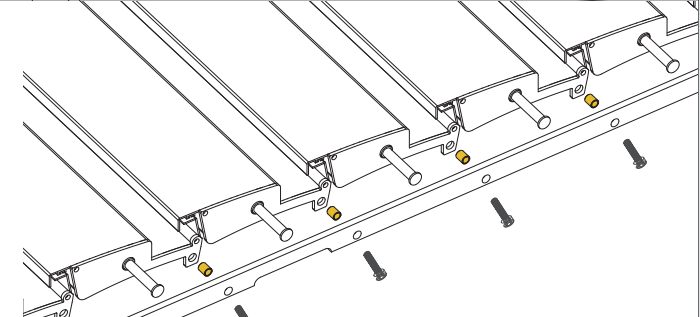
## Double post against the wall installation instructions



7 Install the louvers (**BL1** direction is the first one).

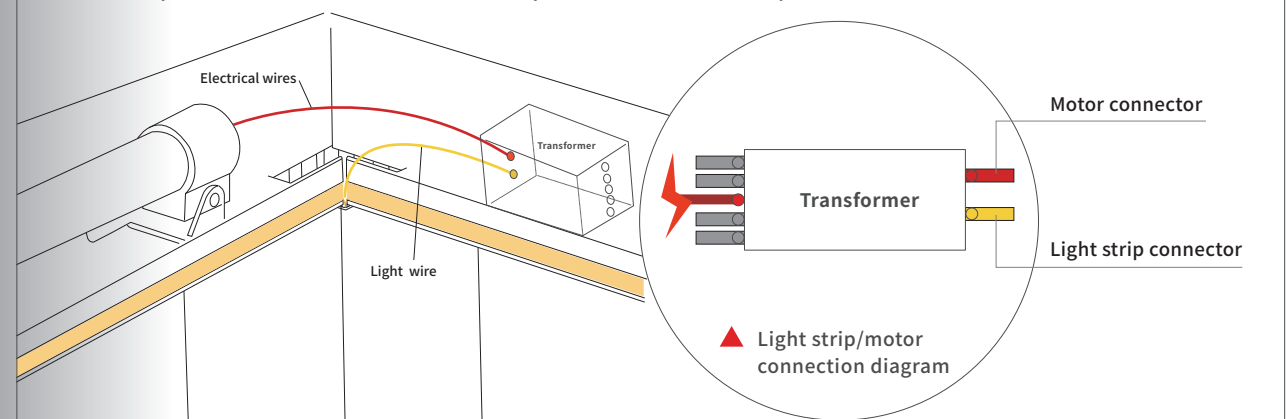


8 Match the louver on the side of the motor to the hole position with the connecting rod, install the copper ring first, put a gasket between the louver and the link rod, and fix it with screws.



9 First temporarily energize the motor, adjust the motor stroke to the maximum and loosen the motor base, and then start fixing the motor and the louver connecting plate (align the connecting rod hole with the motor hole, insert the copper sleeve first, then insert the screw, and put on the back cap) and then push the motor forward to check that after the louvers are flush, fix the motor base; The extension has two motors in **B1** and **B2** respectively, please repeat this step.

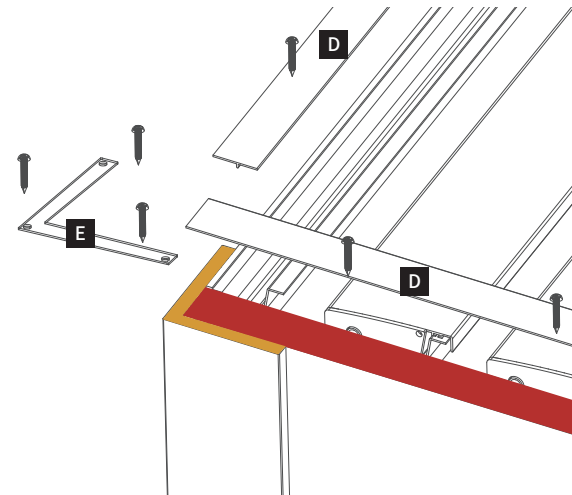
10 Put the LED light strip into the groove on the lower side of the beam, and the wires at the beginning and end are in the same position as the push rod motor wires. According to the label of the wire connector, it corresponds to the interface of the waterproof controller and is placed in the beam.



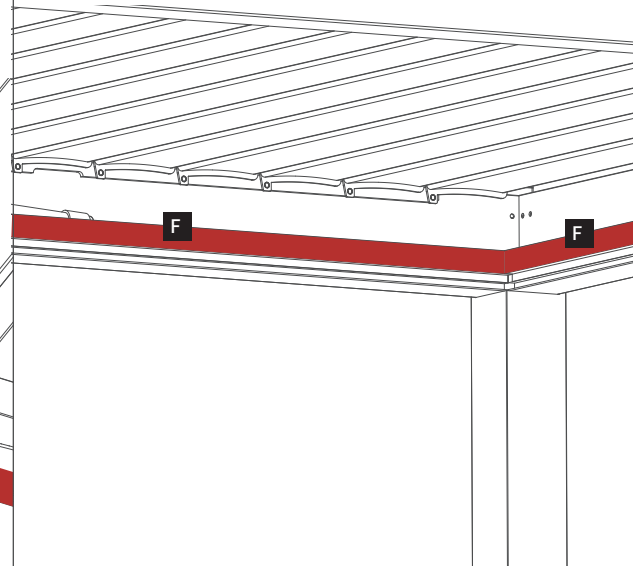
## Double post against the wall installation instructions



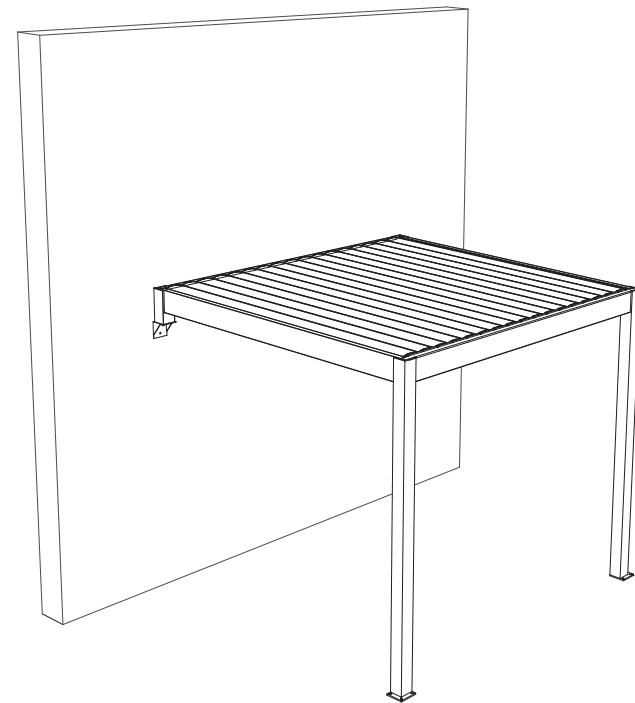
- 10 Put the louver pressing plate **D** into the groove on the upper end of the louver installation code and fix it with screws; Connect the upper cover of the post **E** with screws.



- 11 Install the beam fender **F**.



- 13 The installation is complete. Start enjoying unique outdoor spaces.



### ▲ Special attention:

The power supply and wire connections of this product have been waterproofed. Please use an electric pen to check whether there is leakage at the connection every 3-5 months; if there is leakage, please deal with the leakage before using this product.

## Product maintenance



### PRODUCT MAINTENANCE

1. It is recommended that every 12 months, check whether the wire link is complete, whether there is leakage of the product.
2. Thunderstorm weather, do not recommend activities in the pergola.
3. The product is recommended to be run at least 2-3 times per month.
4. If there are heavy objects on the top, please clean the heavy objects before using it.
5. Foreign objects (leaves, etc.) on the top of the pergola should be cleaned in time.
6. This product can be washed and wiped with clean water. In coastal areas, it is recommended to wash with clean water once every 3 months to 6 months.