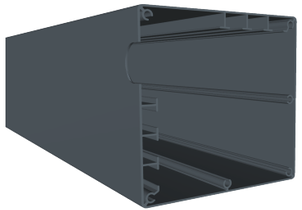
Any technical problems encountered in the installation process, should first consult with the manufacturer's technical personnel, privately change, damage the product structure or install any accessories, external floating parts, mechanical equipment, etc., the manufacturer is not responsible for the after-sales problems!

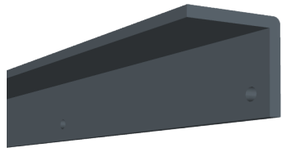
Pergola with Curtain Installation Instructions

- Invisible column base -

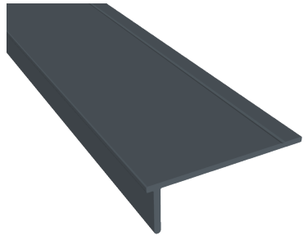




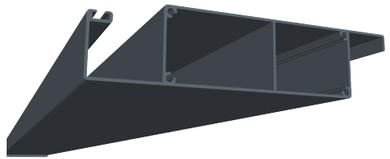
Column



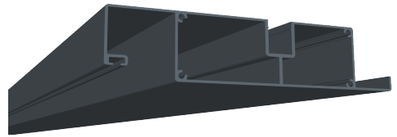
Coupling lever



Beam cover



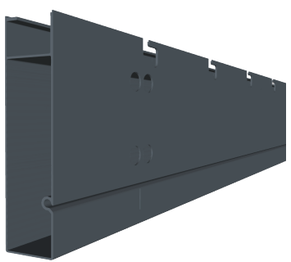
Panel
(no Lamp trough)



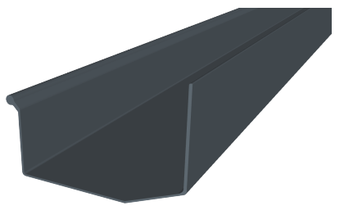
Panel
(with Lamp trough)



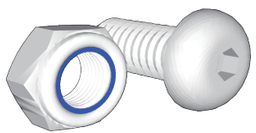
Column Tectum



Beam



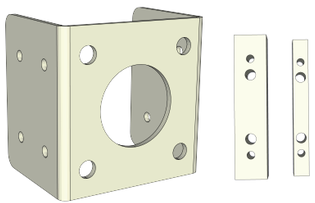
Sink



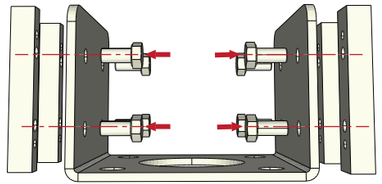
Locknut
Hexagon socket screw



Quick connector

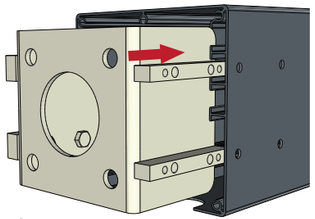


Invisible base fitting



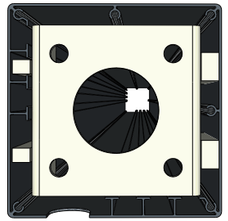
1

As shown in the figure above, the installation of the invisible column base is generally installed in the column before the factory, and in order to facilitate the subsequent installation, the fixing of the base and the column should be removed first.



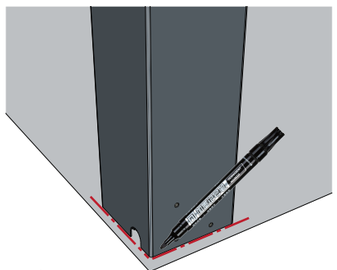
2

The invisible base is placed into the column and is not fixed on the column first to be used for column positioning.



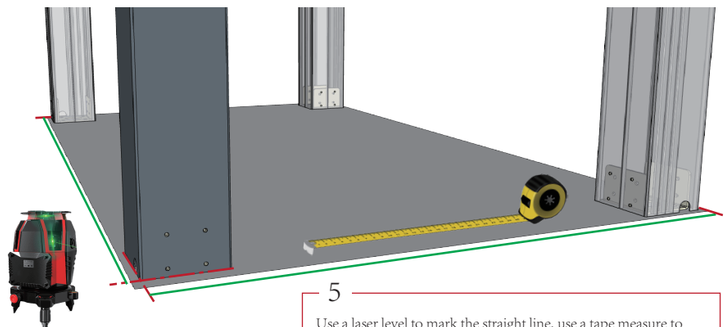
3

After placing the invisible base, it should be consistent as shown in the figure above.



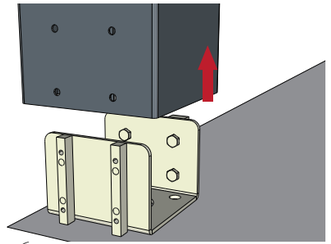
4

Place the column into the invisible base at the location where the pergola was installed and mark the outside of the column with a marker.



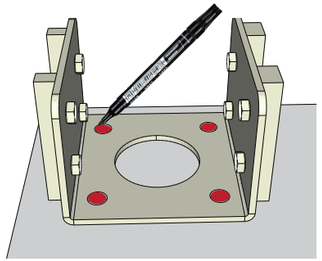
5

Use a laser level to mark the straight line, use a tape measure to measure the dimensional distance of the adjacent columns, mark it with a marker, and then place the remaining columns with the invisible base into the specified dimensional position.



6

Lift the column vertically, and the invisible base will stay on the ground.



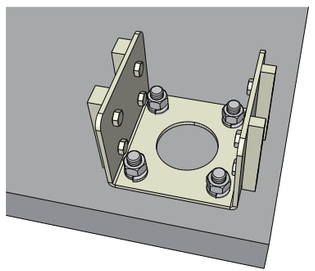
7

Use a marker to mark the four holes in the base where the expansion screws will fit.



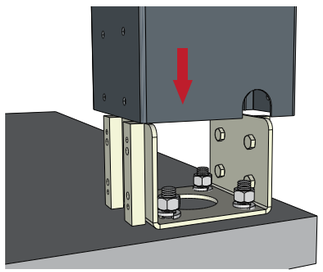
8

Make a hole in the mark with a hammer drill.



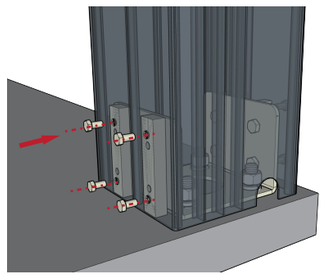
9

Install the expansion screws and install the invisible base.



10

After fixing the invisible base, put the column on.



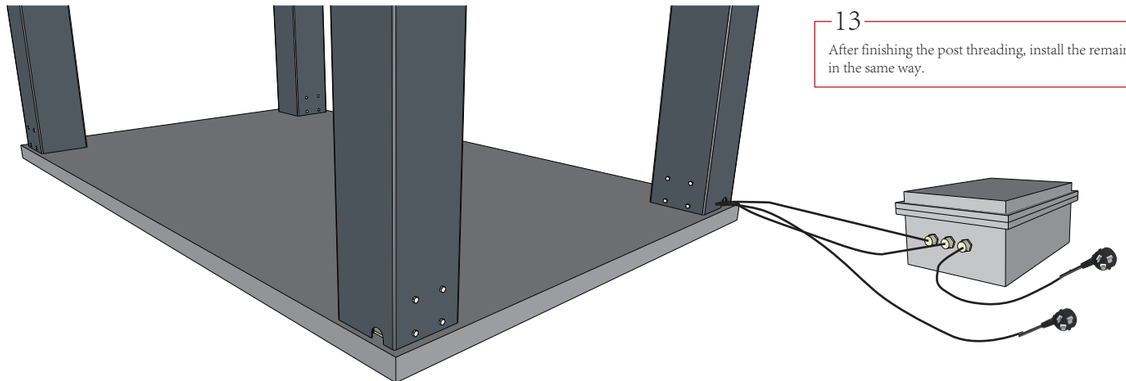
11

Fix the column to the invisible base with screws to complete the column positioning and installation.



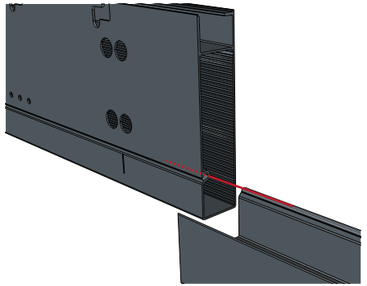
12

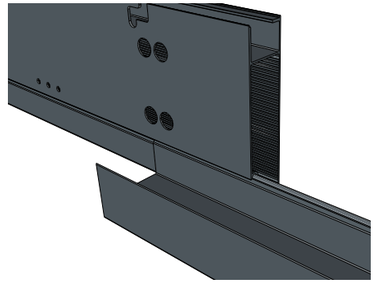
Cables need to be routed through the column near the motor end. Before installing the column, route the two cables [motor cable] [lamp cable] of the power box from the bottom of the column to the top of the column. If the pergola is equipped with a windproof curtain, route the power cable of the windproof roller curtain from the bottom of the column.



13

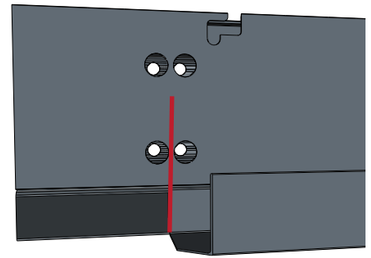
After finishing the post threading, install the remaining posts in the same way.





14

Find the corresponding length of beam and sink, install through the card slot, as shown in the red line above.



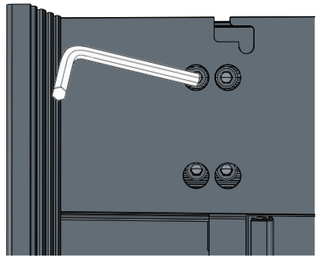
15

The edge position of the sink is pushed between the two screw holes of the beam to facilitate subsequent installation.

16

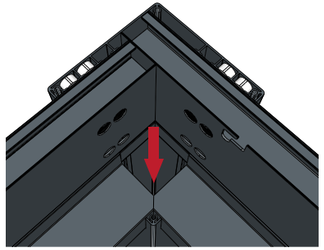
Install the beam of the sink to the two columns, the two metal slides on the back of the beam into the corresponding card slot of the column, this step requires two people to cooperate, synchronously put the two ends of the slide into the card slot, when the slide does not go down, you can properly loosen the screw of the slide block. When installing, pay attention to whether the position of the sink is between the screw holes.





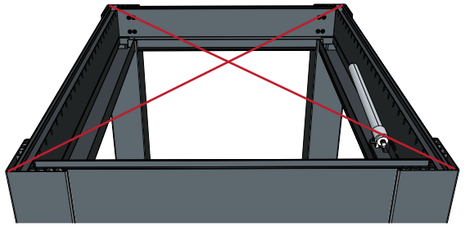
17

After the beam is fully placed in the post, use an Allen wrench to lock the beam.



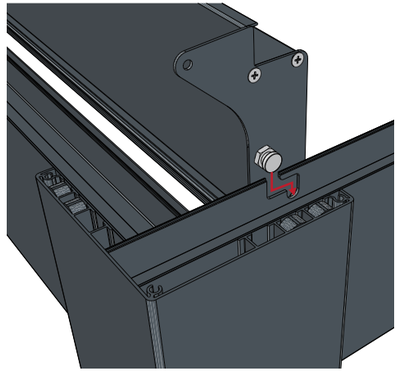
18

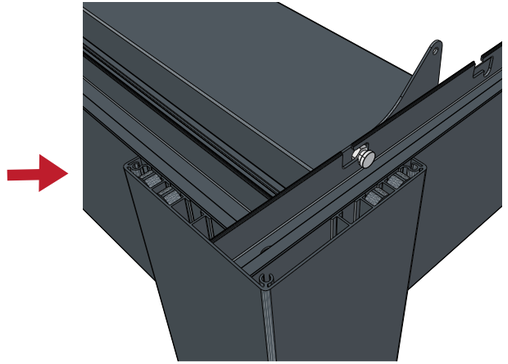
After the two adjacent beams are installed, pay attention to the splicing position of the two sinks, which should be just 90° .



19

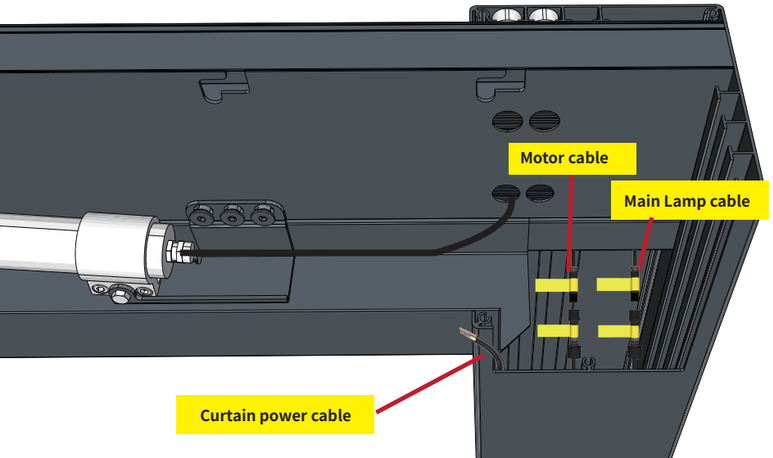
After the four beams are installed, check whether the diagonal lengths of the columns are consistent. If large errors occur, the columns are improperly positioned and need to be repositioned.





21

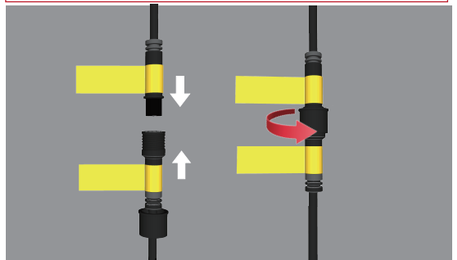
After installing the lamp belt, install the flap blade, as shown in Figure 1 on the left.

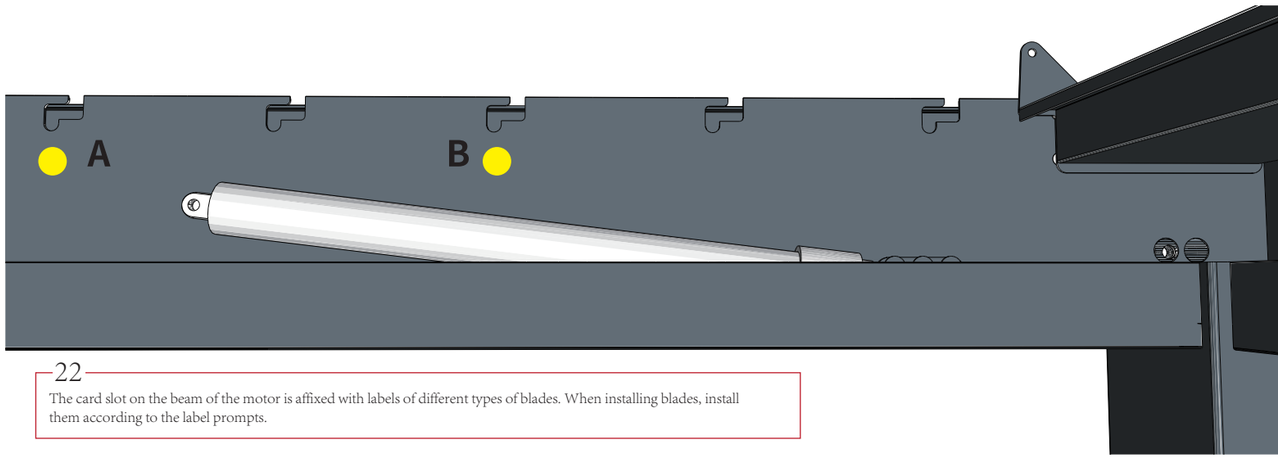


20

After the beam is installed, start wiring, and connect the wires with the same label:
[motor - motor] [lamp cable - lamp cable], the wiring mode is as shown in the following figure:
① Joint according to the arrow butt;
② Tighten the waterproof cap.

The sink lamp belt should be connected with the lamp belt; The roller cord will be wired later.

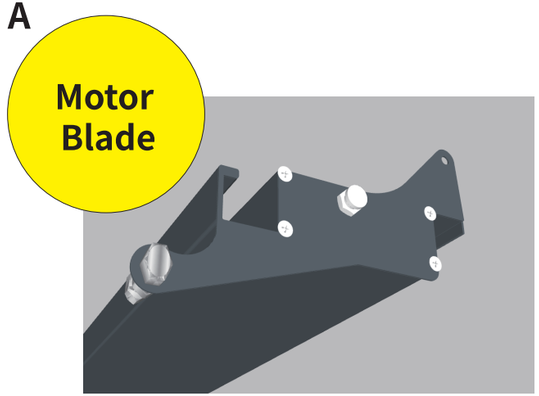




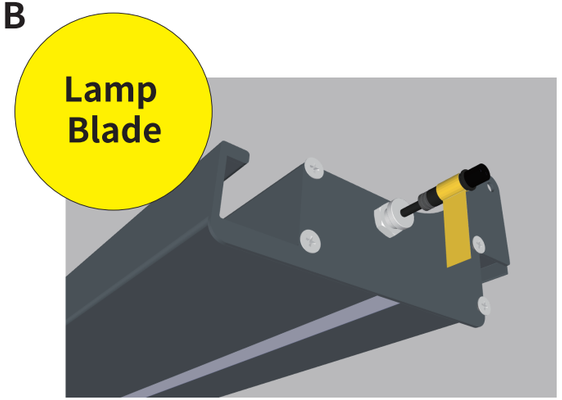
22

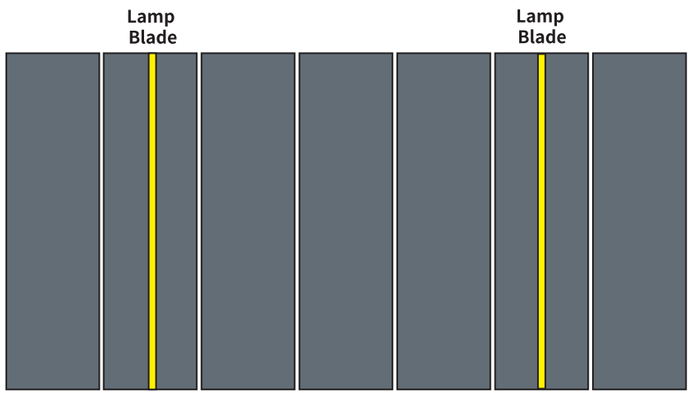
The card slot on the beam of the motor is affixed with labels of different types of blades. When installing blades, install them according to the label prompts.

A



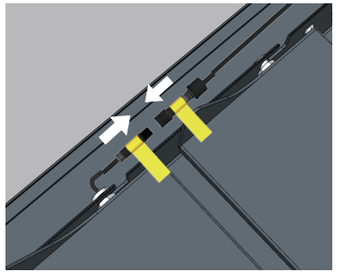
B





23

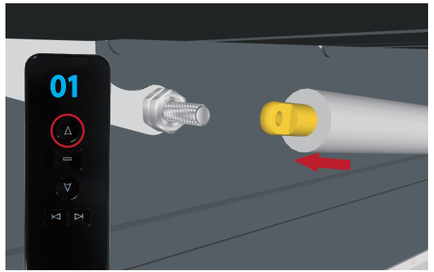
Usually, the distribution law of arbor leaves is: three with one. As shown in the picture on the right.
But , due to size limitation, some spot will be two with one,or four with one.
The installation should actually follow the label instructions on the beam.
Where there's no label, it's a regular blade with no lamp.



24

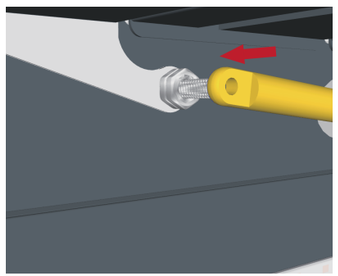
Cable connections with light blades are shown in the figure above. Connect the male and female terminals in the arrow direction, and finally tighten the waterproof cap.





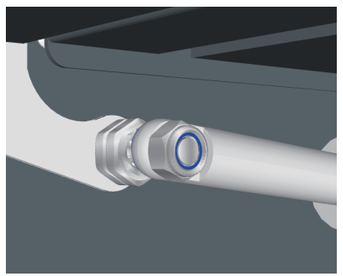
25

When installing the motor blade, first connect the plug of the electric box, use the remote control to control the motor to open (generally channel 01 control the motor), the push rod extends to the screw position, and then press the pause button.



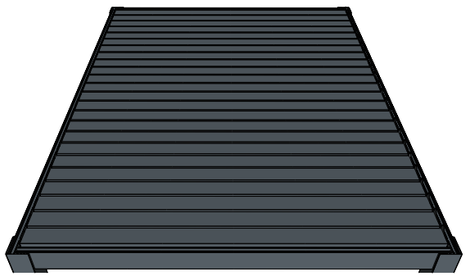
26

Insert the motor push rod into the screw.



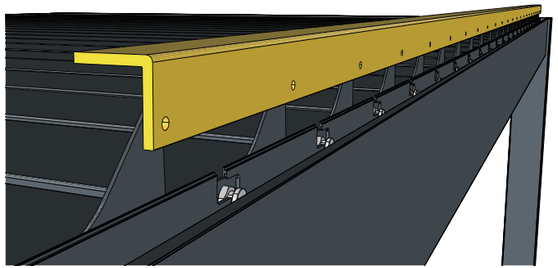
27

Tighten the nuts.



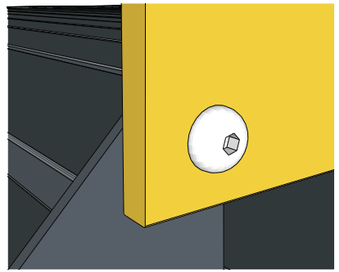
28

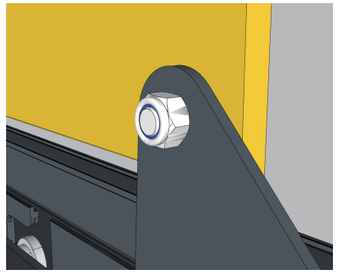
Install other blades in turn.



29

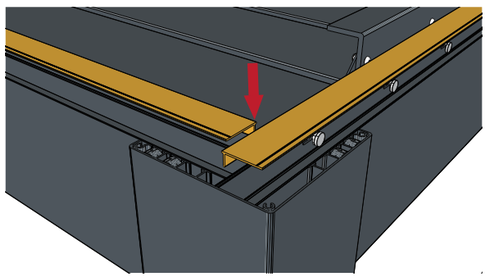
Take out the Coupling lever, put it on the end cover of the blade, and connect the linkage rod with all the blades with screws and nuts.





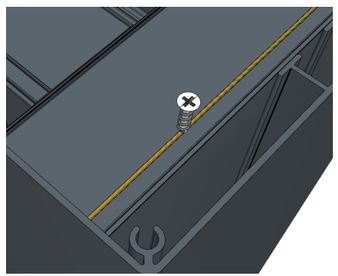
30

Installation is shown in the figure above; Note: The nut should not be tightened too tightly, otherwise the blade cannot be turned over!
Tightening degree: Just can not see the blue rubber ring on the nut.



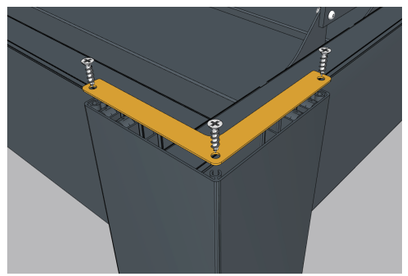
31

Find the beam cover corresponding to the length of the beam, install it as shown in the figure above, and cover the cable trough of the beam.



32

The grooves of the online beam cover (yellow part of the figure above) are fixed with self-tapping screws, and a line box cover is fixed with 3-4 screws evenly.



33

After all wire beam covers are fixed, install the column top cover and fix it with three screws.



Main body: including cover shell, motor, roller curtain, lower rod and other components

The windproof shutter has been assembled before leaving the factory and is divided into left/right track, main body, three main parts.



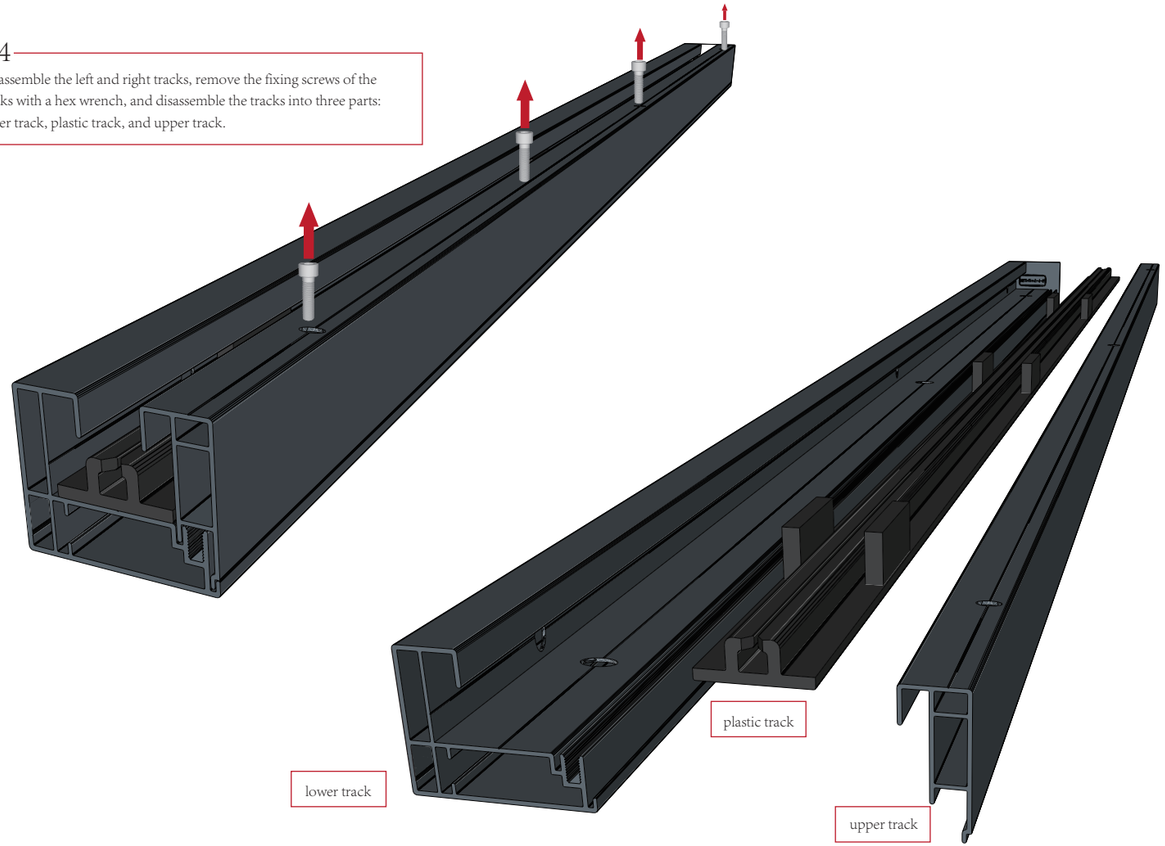
Left track

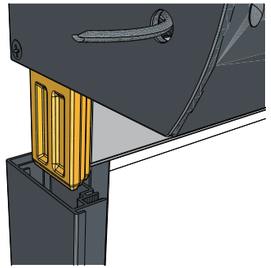


Right track

34

Disassemble the left and right tracks, remove the fixing screws of the tracks with a hex wrench, and disassemble the tracks into three parts: lower track, plastic track, and upper track.





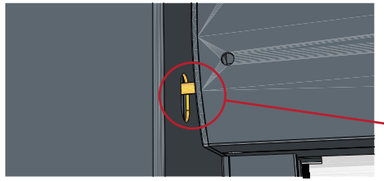
35

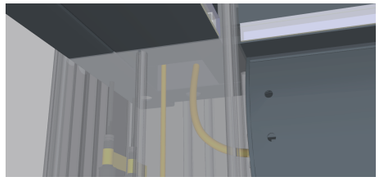
Insert both ends of the roller curtain (yellow part of the figure above) into the card slot of the lower track.

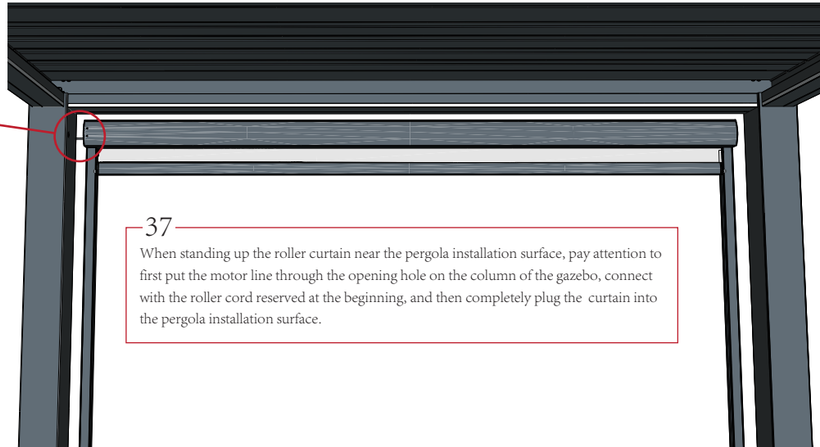


36

Both the left and right lower tracks are inserted into the end cover, which can be done on the ground and is easier to install. Then 2-3 people cooperate, put the curtain up and put it on the installation surface of the pergola.

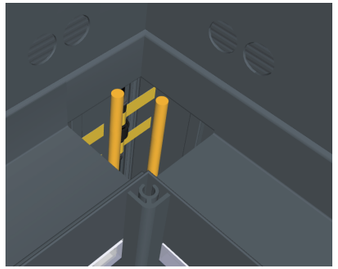






37

When standing up the roller curtain near the pergola installation surface, pay attention to first put the motor line through the opening hole on the column of the gazebo, connect with the roller cord reserved at the beginning, and then completely plug the curtain into the pergola installation surface.



38

The curtain motor line and the power line reserved for the column have different wiring methods according to the number of curtains matched with the pergola.



39

The pergola is only equipped with a set of curtain, the curtain motor wire and the power line are directly connected with the wiring head, and can be tightened after wiring.



40

The pergola is equipped with more than two sets of curtains, which needs to use a T-type connector, one end is connected to the first set of curtains motor, one end is connected to the curtains power wire, and the last end is connected to another set of curtains motor wire.



41

Take four sets of curtains as an example:

Red line: curtain motor wire;

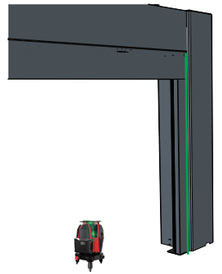
Yellow line: curtain power wire;

Black line: next curtain motor wire (Usually reserved in the beam)



42

For the column of the invisible base, the screws of the column will hinder the installation of the roller curtain when installing the roller curtain. Remove two of the screws and do not affect the stability of the column.



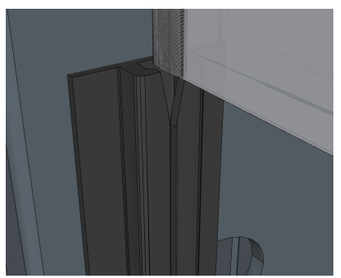
43

After the roller curtain is placed in the installation position, a vertical line should be shot with a laser level to ensure that the upper middle and lower three positions of the roller curtain track remain the same straight line.



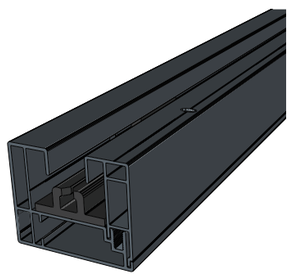
44

Use self-tapping screws to cut holes in the screw holes reserved on the lower track, punch through the surface of the post, and fix the lower track and the gazebo post.



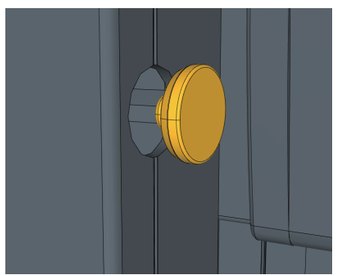
45

After the left and right lower track is fixed, take out the plastic track, with the triangular opening end facing up, and insert the roller shutter zipper.



46

Reassemble the left and right tracks, paying attention to the sponge on the plastic track into the track, can not be exposed, and finally screw the track assembly.



47

After the left and right rails are installed and fixed, take out the glue plug and block the screw holes of the rails.





48

After all the pergola and curtains are installed, the remote control can be used to test. Generally, the channel that controls the opening and closing of the leaves of the pergola is [01], the lamp control channel is [02], and the curtain channel is arranged in turn.