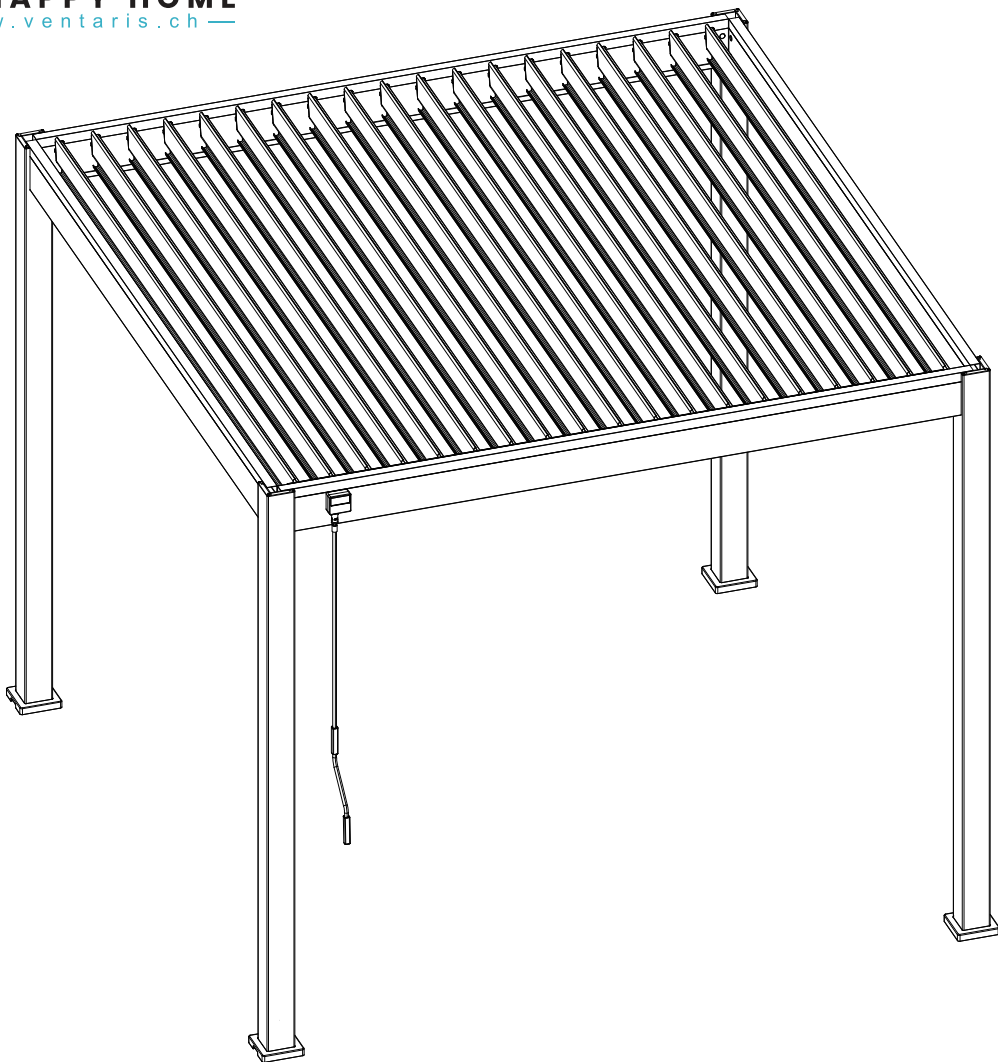




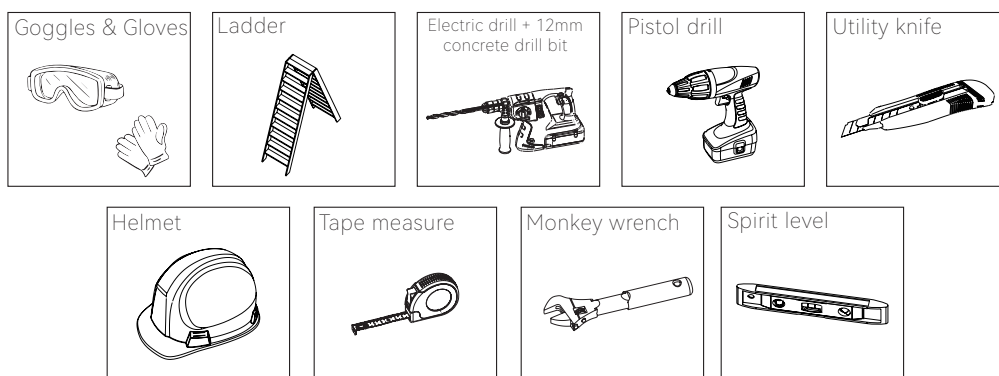
**VENTARIS**  
MY HAPPY HOME  
— [www.ventaris.ch](http://www.ventaris.ch) —



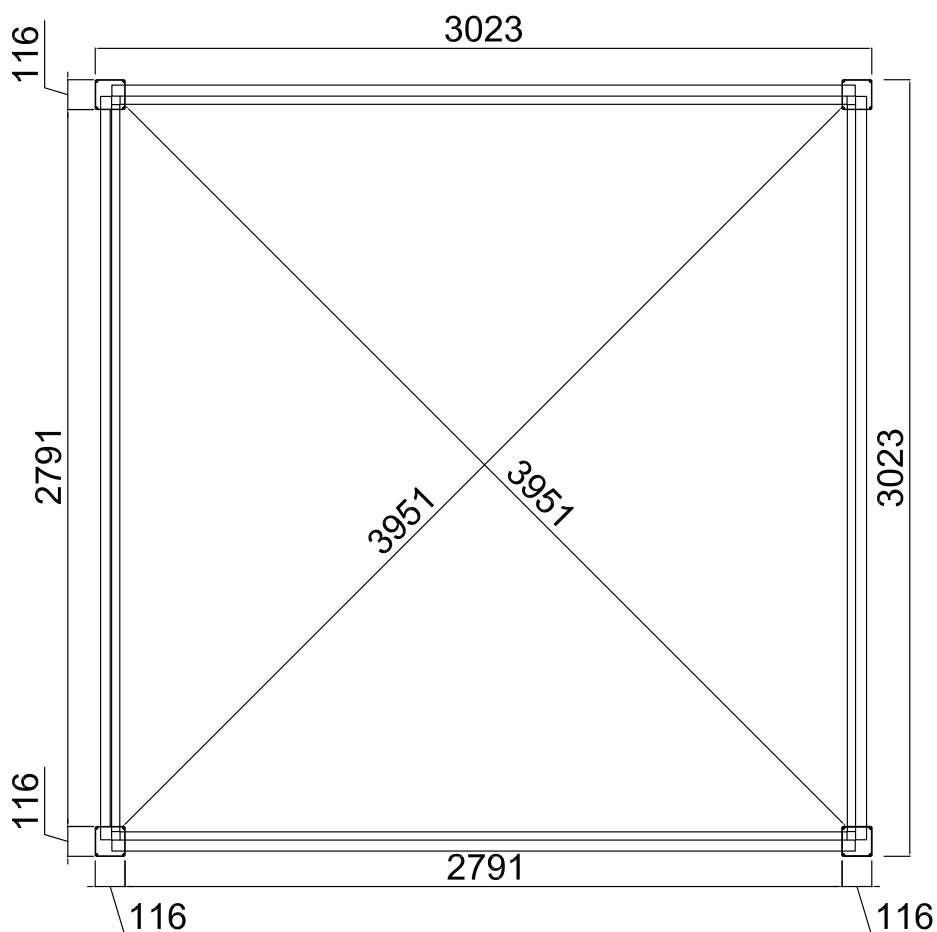
# PERGOLA 3×3M

Assembly Instructions

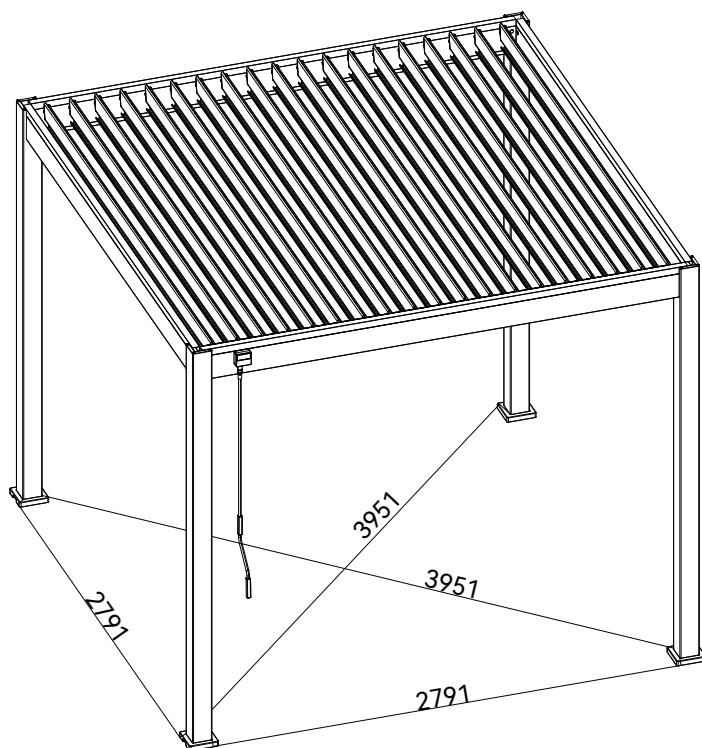
## NECESSARY TOOLS AND SAFETY GEAR(NOT SUPPLIED)



## 2D FOOTING MEASUREMENT (dimensions in mm)



## 3D FOOTING MEASUREMENT (dimensions in mm)



## PRECAUTION OF USE

This product should not be used in extreme weather: storms, violent winds, hail, and snow. We guarantee the resistance of the pergola for winds up to 100 km/h and a maximum snow weight of 50kg/m<sup>2</sup>.

As in the case of strong winds or snow, we highly recommend leaving the louvers open. To maintain good working conditions of your louvers, please clear any snow on them.

Our pergola can withstand heavy rain, but we cannot guarantee it will be 100% waterproof due to some extreme weather conditions.

Exceptional climatic events may compromise the perfect sealing of the product.

To avoid any damages and injuries, we do not recommend climbing on the roof or the structure of the pergola.

## TIPS AND SAFETY INSTRUCTIONS

Depending on the location and surface area, construction may be subject to building permits. Make sure you have checked with your local authorities to obtain the needed information before the assembly.

Product assembly :

- At least 2/3 people required
- Remove protective film (around 1 hour needed)
- Do not keep children near the assembly area
- Beware of the risk of pinching
- Do not tighten the screws before assembling the whole product
- All assembly steps must be carefully followed
- Check the level of the structure on all sides
- Do not anchor the pergola before assembling the whole product

No changes can be made to the product. Products tampered with by the user are not covered by the warranty, thus being declared as void.

The location should be chosen carefully. It is recommended to avoid mounting your pergola on a rainy day, facing the prevailing winds, and under an overhanging tree.

The pergola must be mounted on a flat-level foundation. It is recommended to install it on a concrete slab or 25x25 cm concrete pads at each post. Please, anchor the pergola properly to the ground using expansion screw.

If you would like to mount your pergola near your house or a building, please check the presence of gutters for water drainage.

Should these instructions not be followed or only partially, the warranty will be voided by the seller.

## MAINTENANCE

Regular maintenance is necessary to ensure its longevity and aesthetic appearance.

We recommend to :

- Clean your pergola once or twice a year with fresh water using a sponge or cloth.
- Do not use detergent or an abrasive material.
- Check the tightness of the screws regularly (at least once a year).
- Oil fastening regularly (at least once a year).
- Make sure that nothing hinders the water flow in the gutters (leaves, branches...).
- Remove any water that might stagnate around the legs of the pergola (lift the posts skirts).

# WARRANTY

This warranty does not cover :

- Normal wear and tear inherent from the products.
- Loss or breakage of any part during unpacking or installation.
- Lack of care, neglect, vandalism, impact with foreign body, force, contact with a abrasives material, product aesthetics, disassembly, rebuilding or relocation.
- Force majeure: hail, high winds, storms, snow, floods, lightning etc...
- Product tampered with by the user.

The warranty only takes in account the replacement of spare parts or the provided product, no refund will be issued.

All warranty claims must be made at the sales outlet (store or website) where the product has been purchased.

## PARTS LISTS (PER CARTON)

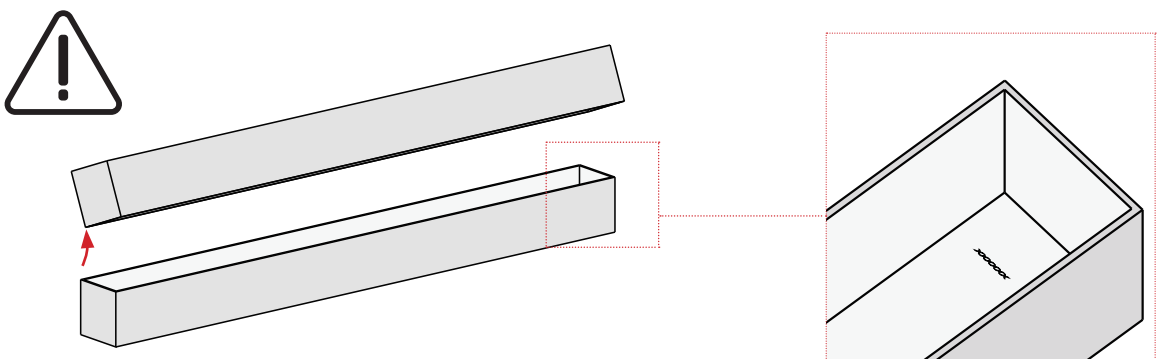
Before proceeding with the assembly of your louvered pergola, it is necessary to check that all parts listed are supplied and not damaged.

Any missing part must be reported within 10 days of delivery.



You can either go through your local outlet store or make the request directly on our website.



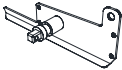
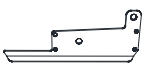


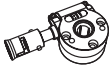



Do not discard the packaging without ensuring that the product is functioning properly.

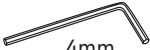


There is a Product Tracking Number in the inner side of the carton(see below diagram). For better and efficient after-sales in the future, when tear down the carton box, please take a photo of the Tracking Number and save the photo.



















## CARTON 1/4

No.	Profile	Diagram	Size	QTY
AO			116X116 L=2550mm	4

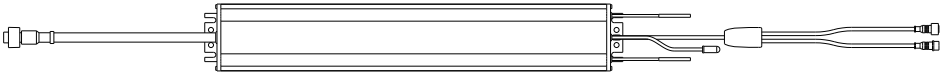
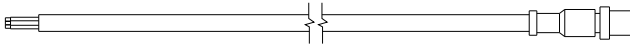


No.	Diagram	QTY
IO		4
JO		4
KO		1
LO		18
LO-1		19
MO		37
NO		1
OO		1
PO		1
QO	 6mm	16

No.	Diagram	QTY
ZO-1	 4mm	1
ZO-2	 4mm	1
ZO-3	 6mm	1




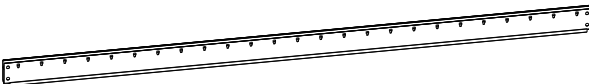







No.	Diagram	QTY
RO		16
SO		38
TO	 10×80	16
UO	 lock nut	56
WO	 4×16  PH2	152
XO	 6×40  4mm	37
XO-1	 6×35  4mm	16
VO		19
YO	 6×45  4mm	3

No.	Diagram	QTY
ZO-4	 6mm	1
ZO-5	 10mm	1
ZO-6	 PH2	1

## CARTON 1/4

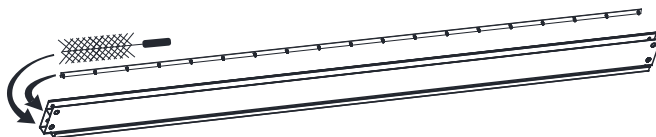
No.	Diagram	QTY
E-L1		1
E-B		1
E-AE		1
E-D		1


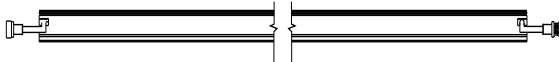
## CARTON 2/4

No.	Profile	Diagram	Size	QTY
BO			75X153 L=2894mm	1
BO-1			75X153 L=2894mm	1
CO			75X195 L=2894mm	2
DO			42X54 L=2894mm	2
FO			27X8 L=2744mm	1
HO			L=1300mm	1





Connecting Bar(FO) & Brush Inside!





No.	Profile	Diagram	Size	QTY
LED1			69X78 L=2790mm	4

## CARTON 3/4

No.	Profile	Diagram	Size	QTY
GO			166X30 L=2855mm	10

## CARTON 4/4

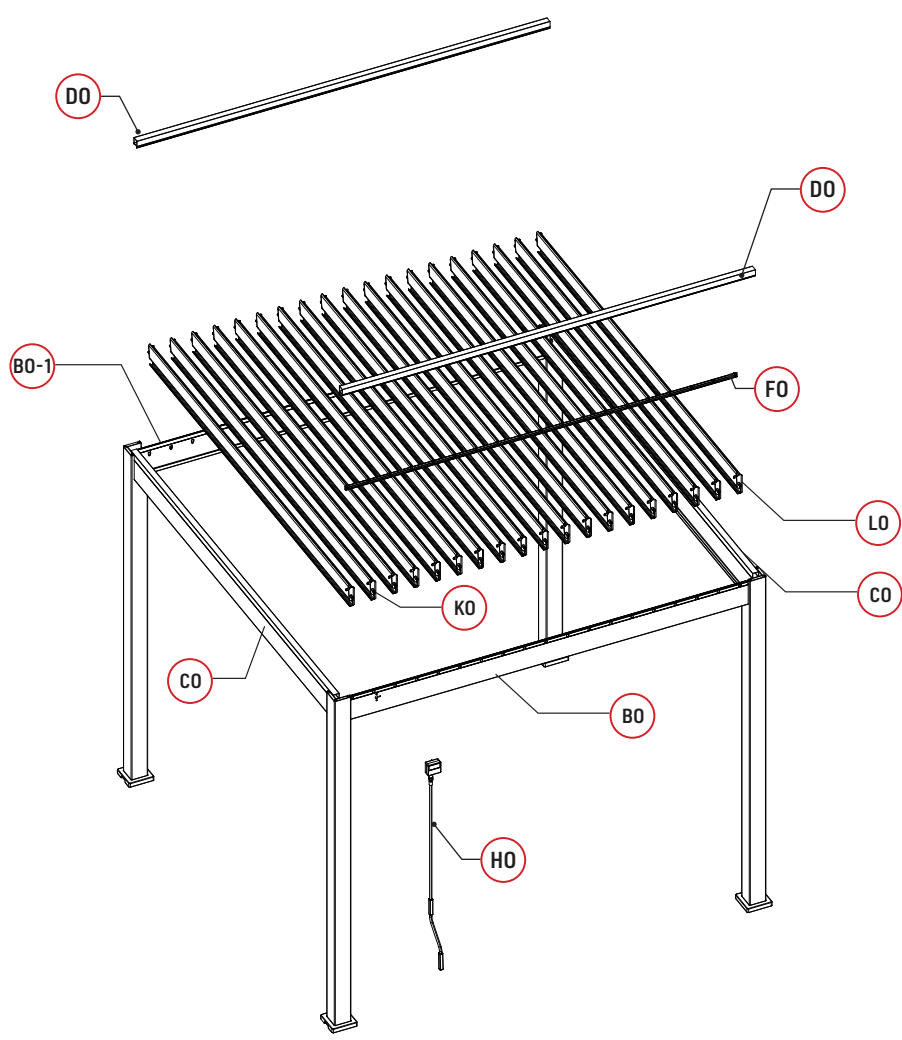
No.	Profile	Diagram	Size	QTY
GO			166X30 L=2855mm	9

## ASSEMBLY GUIDELINES

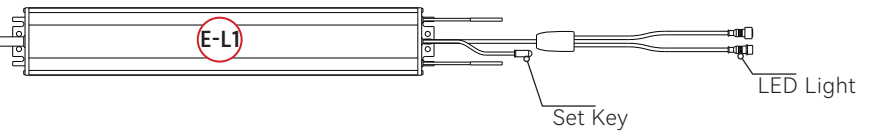
- Step 1 : Frame
- Step 2 : Assembling louvers
- Step 3 : Install louvers & Connection



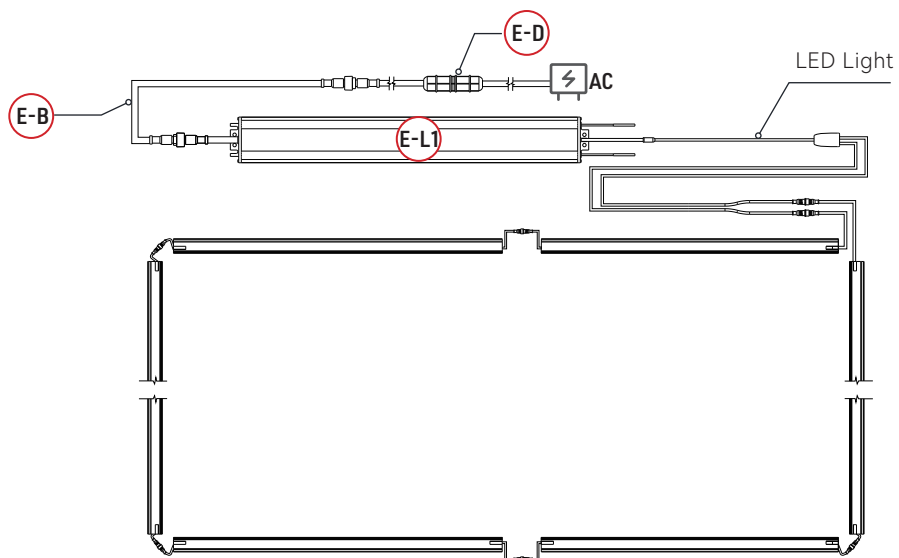
ASSEMBLING DIAGRAM

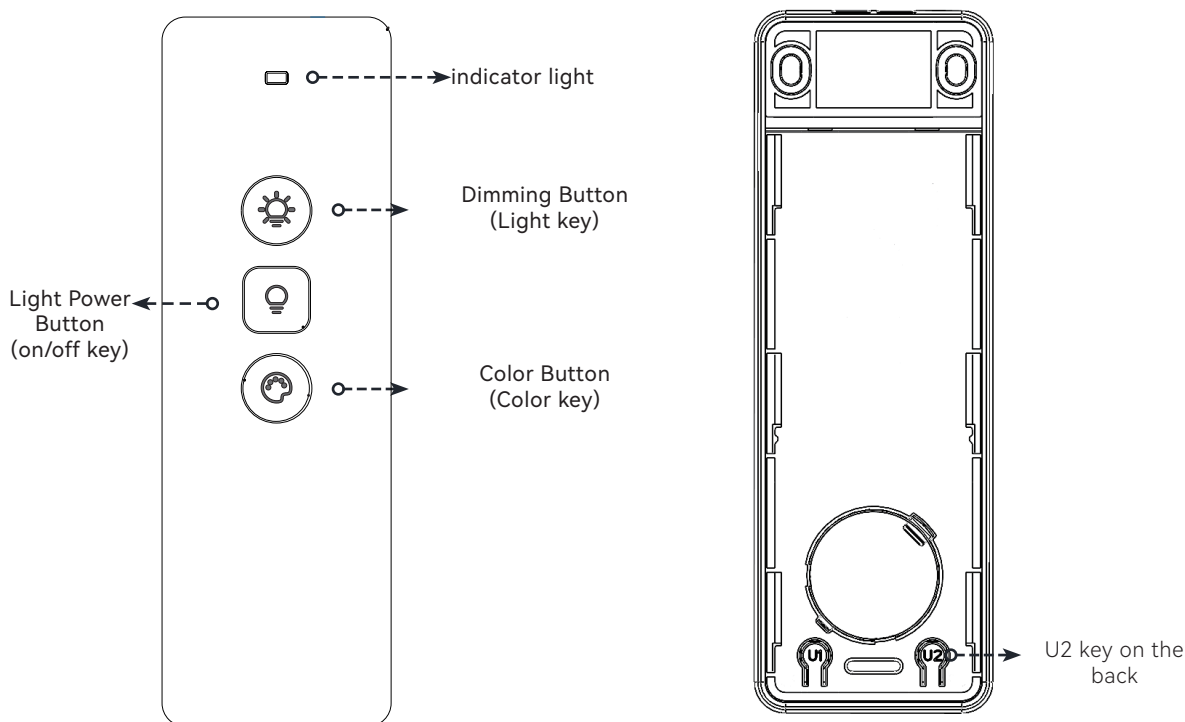


INPUT  
110V-220V



## Cable Diagram





### Individual Button Functions :

#### Power Button:

Short Press: Cycles between turning the light ON and OFF.

#### Dimming Button:

Long Press: Activates gradual brightness adjustment (continuously cycles between dimming and brightening).

#### Color Button:

Short Press: Cycles through 8 preset color modes:

Red, Green, Blue, Yellow, Cyan, Purple, White, Auto Color-Changing Mode.

Long Press (2 seconds): Enables smooth color gradient cycling (colors transition gradually in a loop).

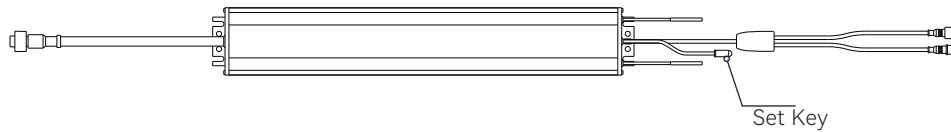
The product also supports the TUYA function. The product can be controlled by downloading TUYA. The user must use this function when the WIFI signal is sufficient.

#### Reset Network:

Long press the "SET SKY" on the controller for 7 seconds.

The indicator light will stay off for 1 second, indicating that the network has been successfully cleared.





## Remote Control Pairing Guide

Below are two methods for pairing the remote control, clearly organized and easy to follow:

### Pairing Method 1:

#### Enter Pairing Mode:

Press and hold the "SET KEY" on the controller for 2 seconds. The indicator light will start blinking slowly, indicating that it has entered pairing mode.

#### Complete Pairing:

Press and hold the "Power Button" on the remote control for 2 seconds. The indicator light will stay off for 1 second, indicating that the remote control has been successfully added.

### Pairing Method 2:

#### Enter Pairing Mode:

Press and hold the "U2 Button" on the back of the already paired remote control for 2 seconds. The indicator light will start blinking slowly, indicating that it has entered pairing mode.

#### Add a New Remote Control:

Press and hold the "Power Button" on the remote control that needs to be paired for 2 seconds. The indicator light will stay off for 1 second, indicating that the new remote control has been successfully added.

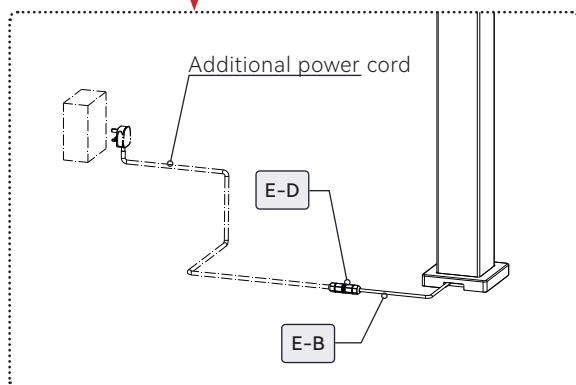
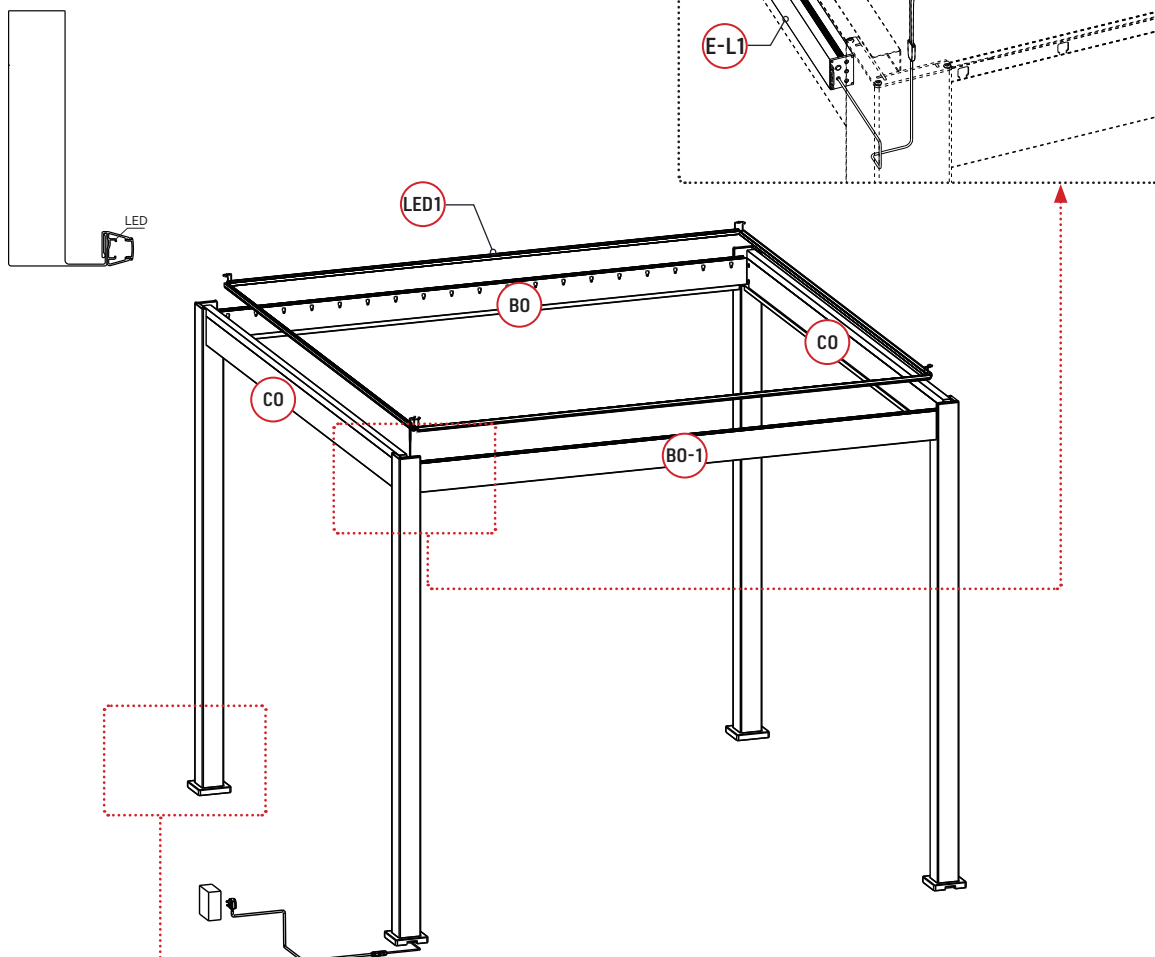
### Notes:

Ensure that the remote control and controller are within the effective operating range.

If the indicator light does not change as expected, repeat the operation or check if the device is functioning properly. Different brands or models of devices may have different operating procedures. Please refer to the specific device's user manual.

## Attention:

The controller is to be installed within the side beam, with the input cable routed through the stanchion and emerging from the drainage aperture.



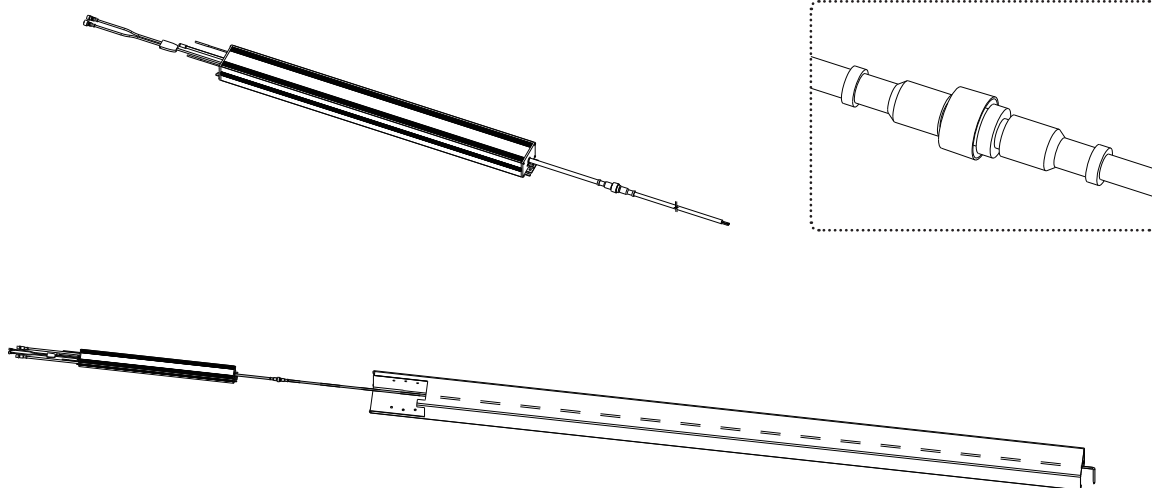
## Attention:

Please select the appropriate power cord based on the country you are in, and connect it using a waterproof connector. This controller can support voltages ranging from 110V to 220V.



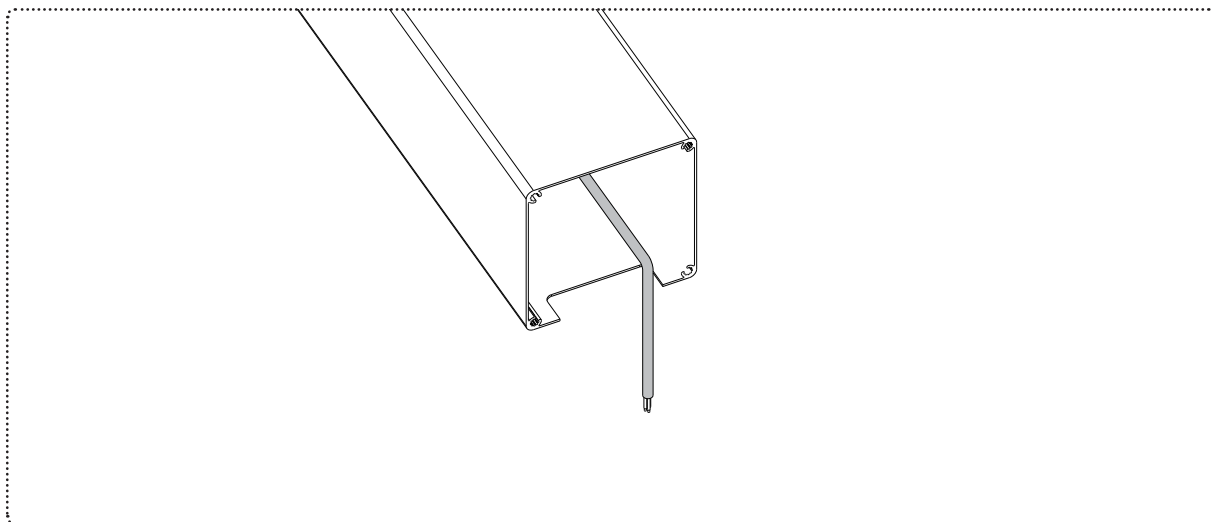
There are 3 cables at the input end of the power, namely:  
Brown: LIVE WIRE  
Blue: NEUTRAL WIRE  
Yellow & Green: EARTH WIRE





If the pergola is not installed, first thread the controller's input end through the upright column, then install the base plate, place it into the side beam cavity, and complete the installation of all pergola components.

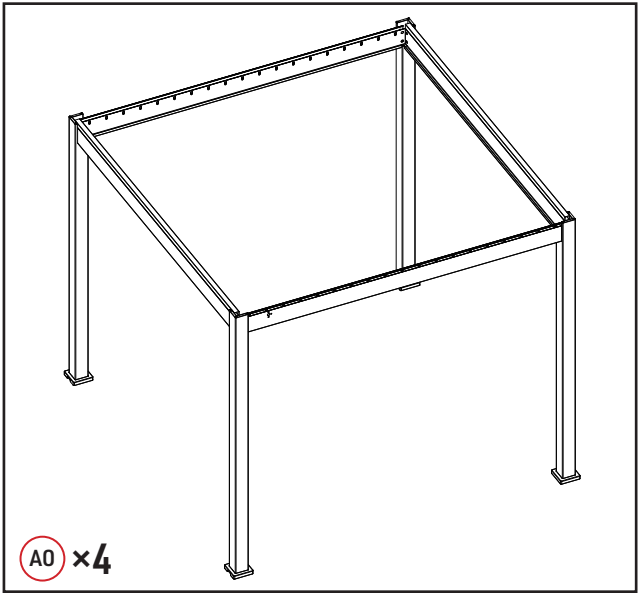




### Attention:

Please fasten the screw by hand after installing these screws.



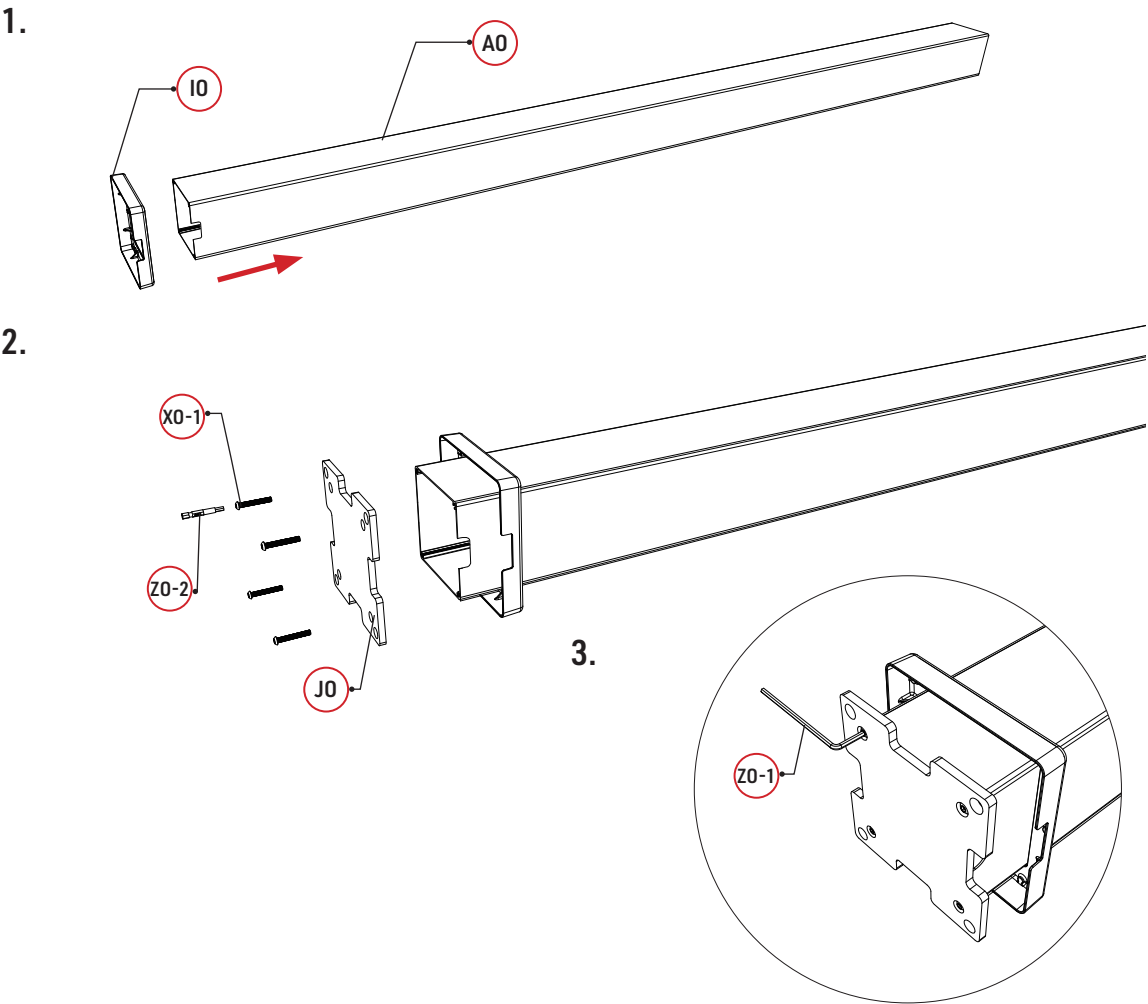
A0		4
I0		4
J0		4
X0-1	 6x35 4mm	16



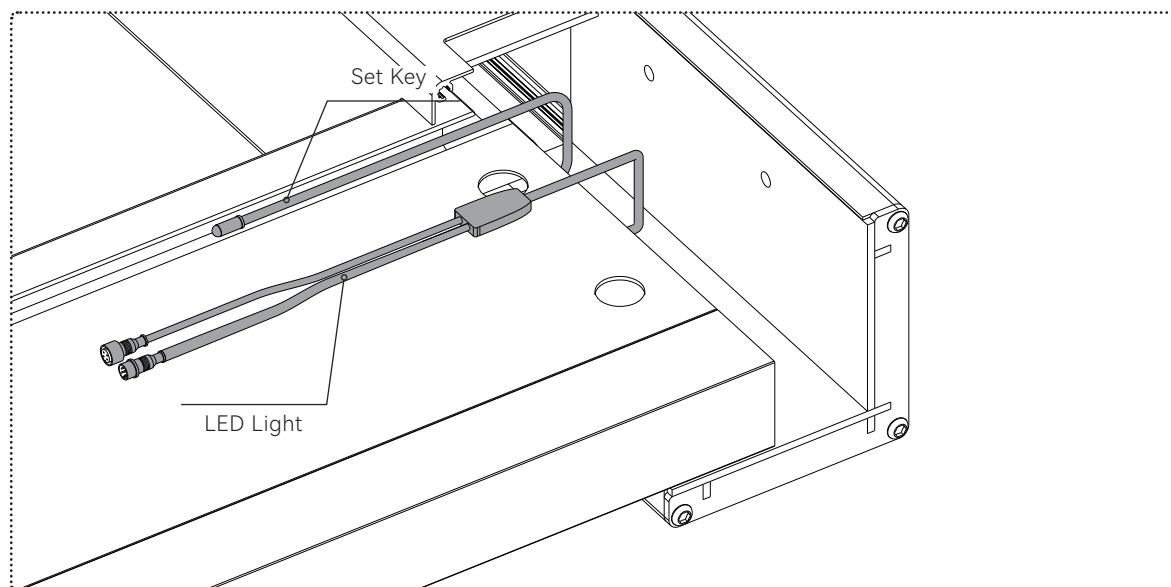
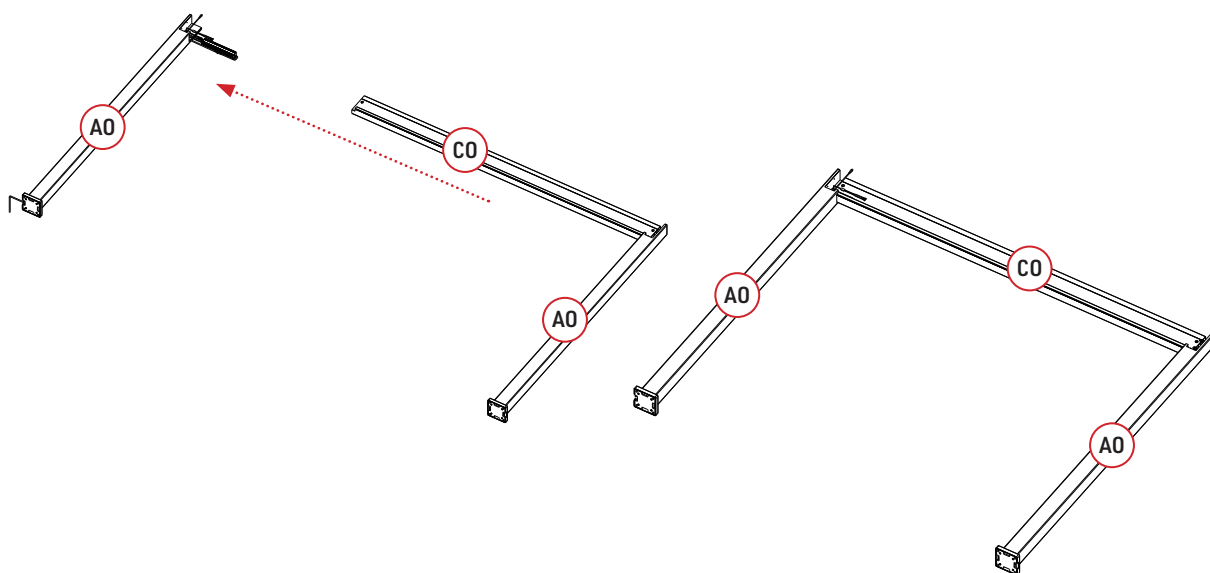
Z0-1	 4mm	1
Z0-2	 4mm	1




Post installation diagram





Extract the relevant output cables of the controller to facilitate subsequent installation.

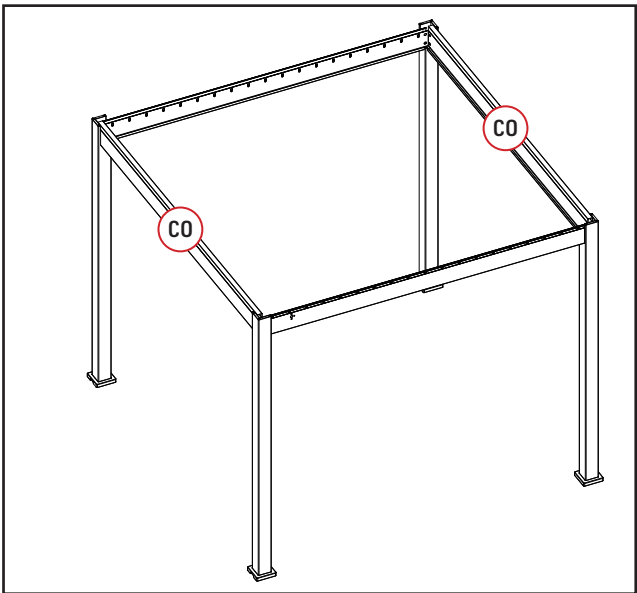




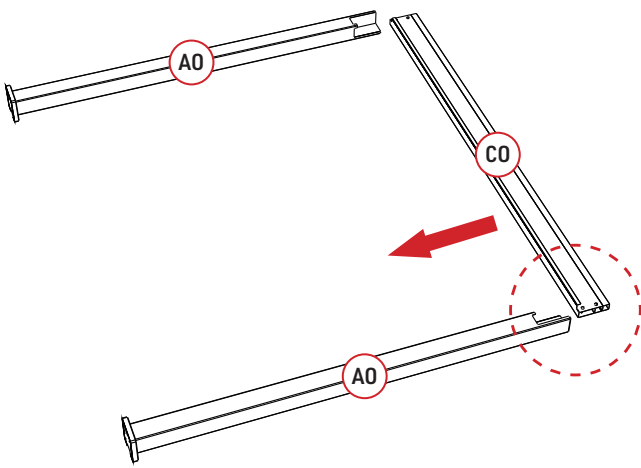
C0		2
----	--	---

Q0	 	8
----	---	---

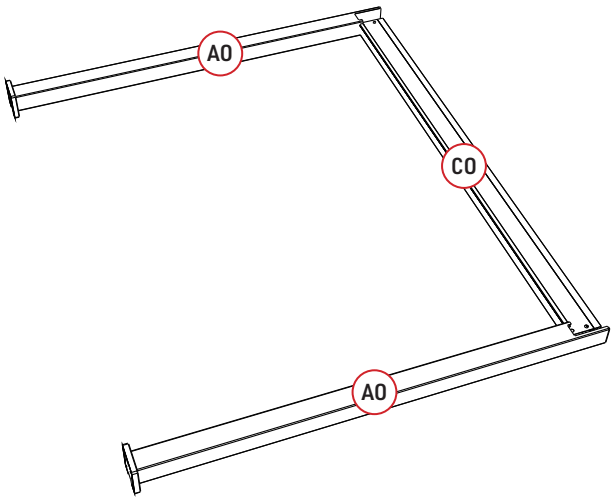
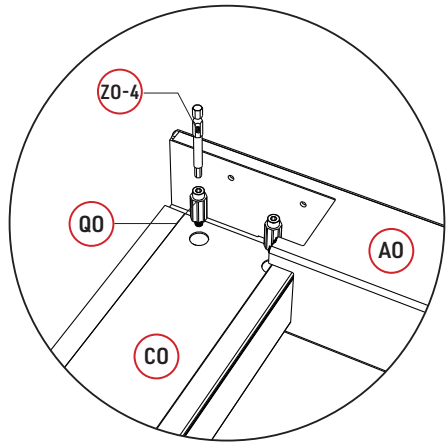
Z0-3		1
Z0-4		1



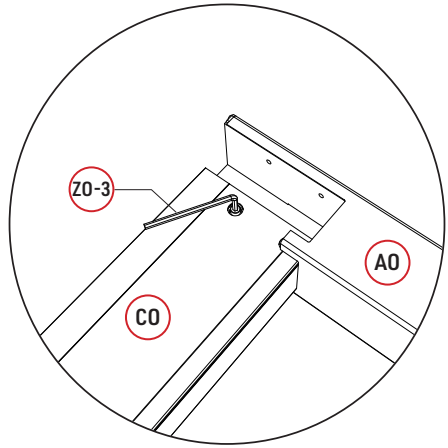
Connect beams to columns









1.

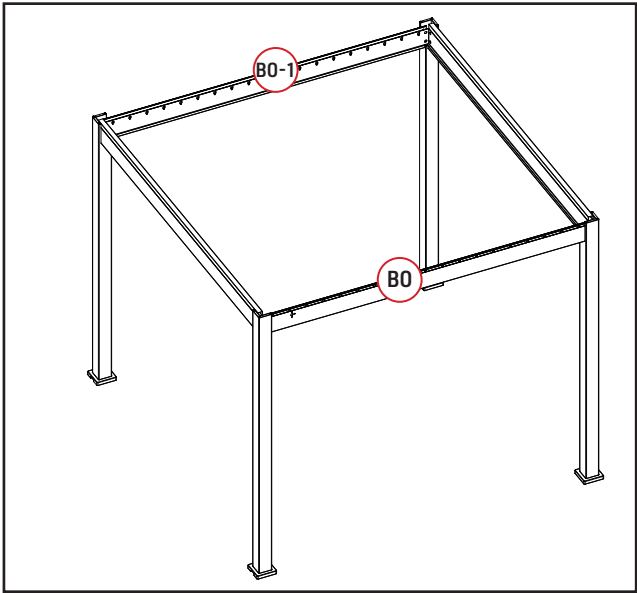


2.

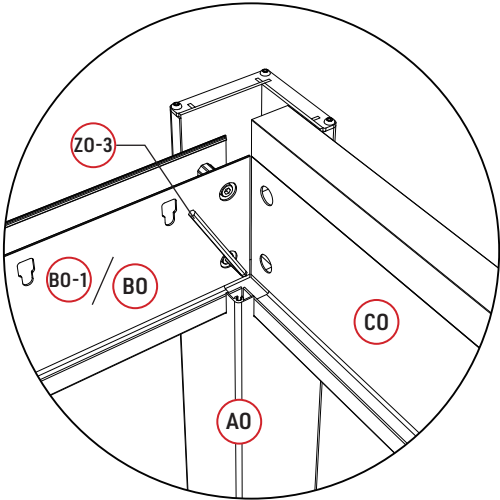
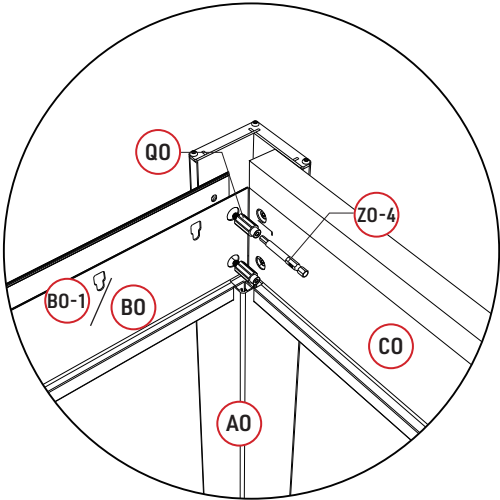
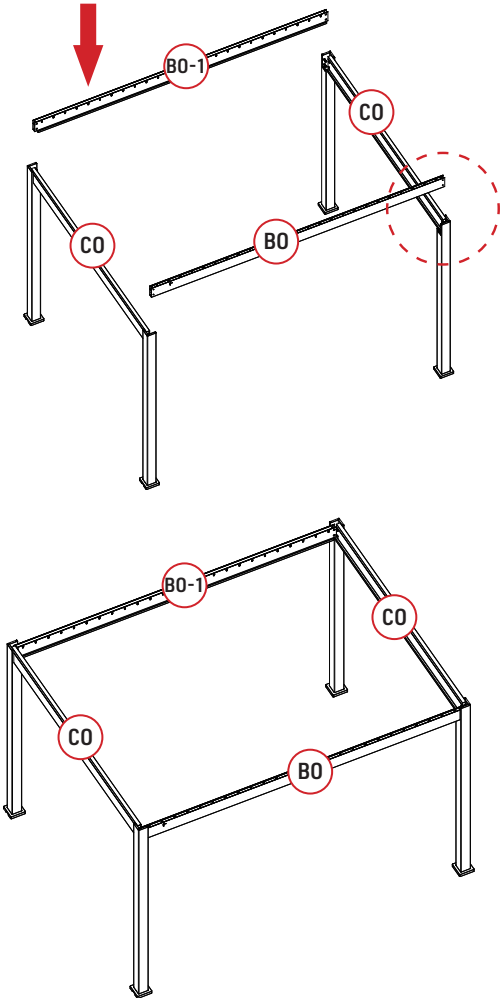


B0		1
B0-1		1
Q0	 	8

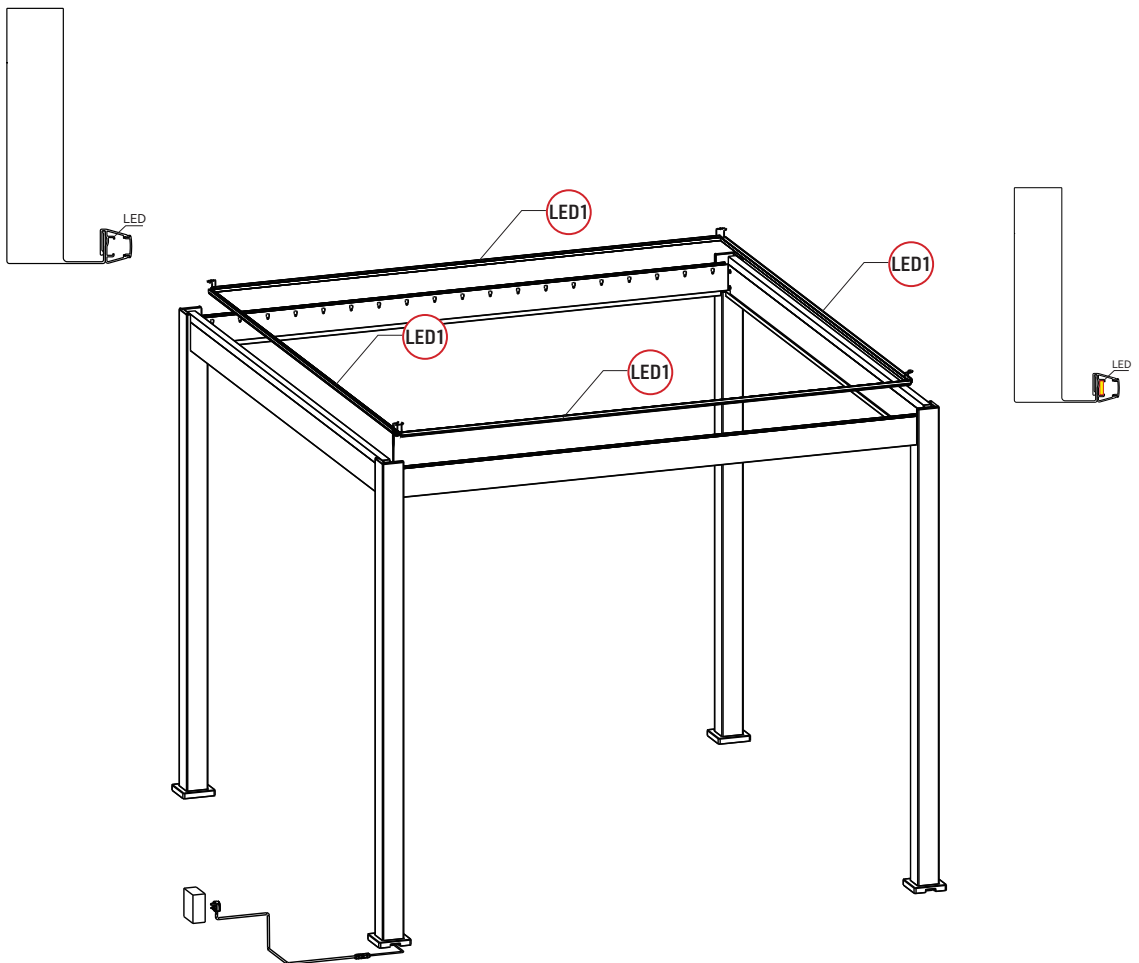
Z0-3	 6mm	1
Z0-4	 6mm	1



Connect beams to columns

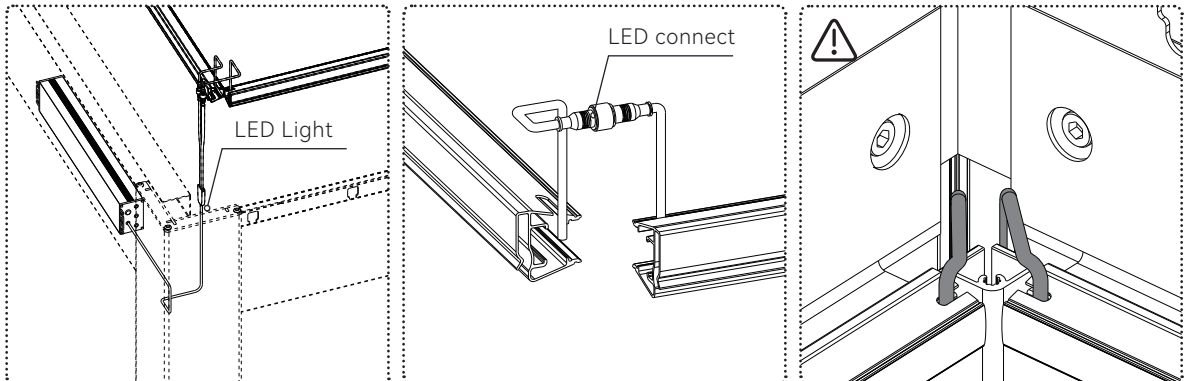







Place the external light strip, connect it to the controller, and link them together in series.





### Attention:

Interconnect the LED strips and connect one segment to the controller's LED terminal. After completing connections, securely route the cables into the drainage port.

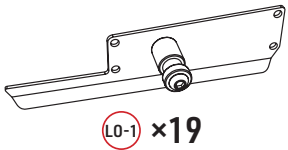
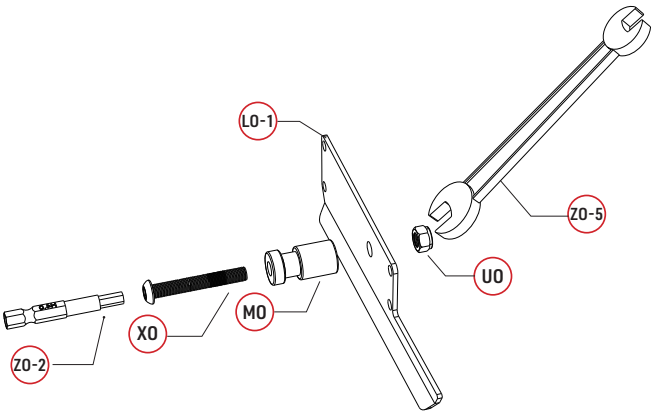
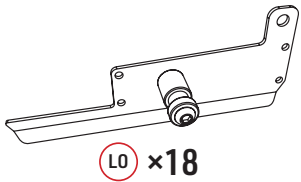
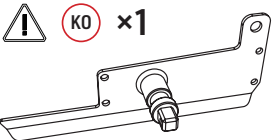
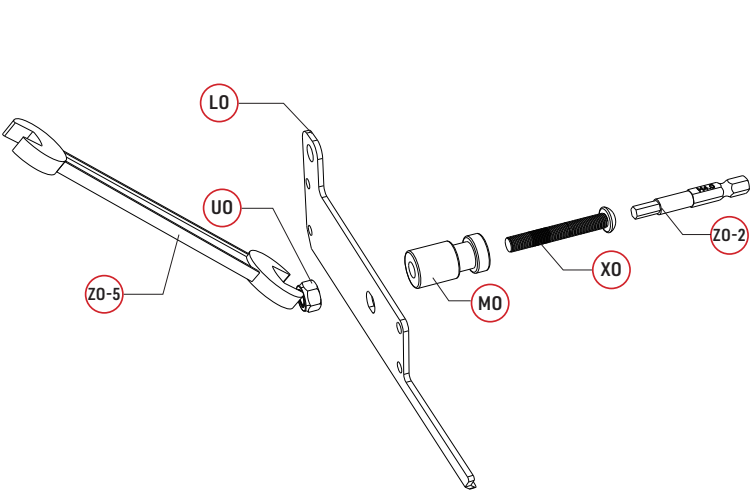


L0		18	X0		37
L0-1		19	U0		37
M0		37			






Z0-1		1
Z0-2		1




The illustration uses a manual wrench, which can be replaced with an electric P-tip.

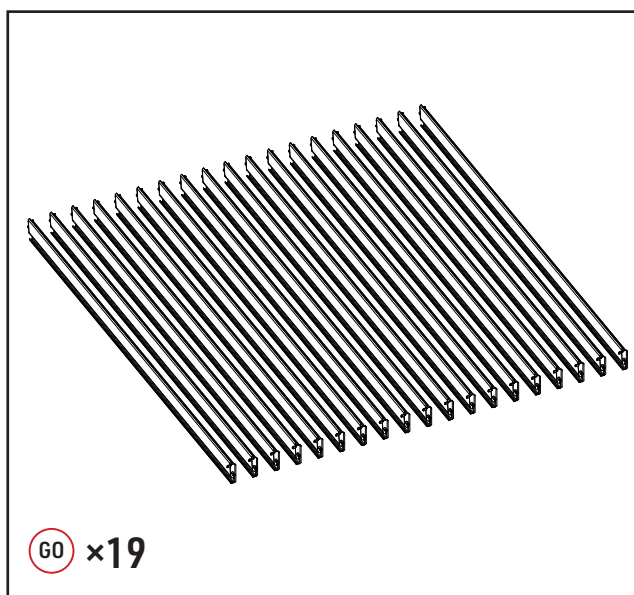
Install the spindles for the louver cover on both sides of the louvers.  
 Note: To avoid any broken of the plastic parts(MO), when use the pistol drill, please reduce the twisting force of it .



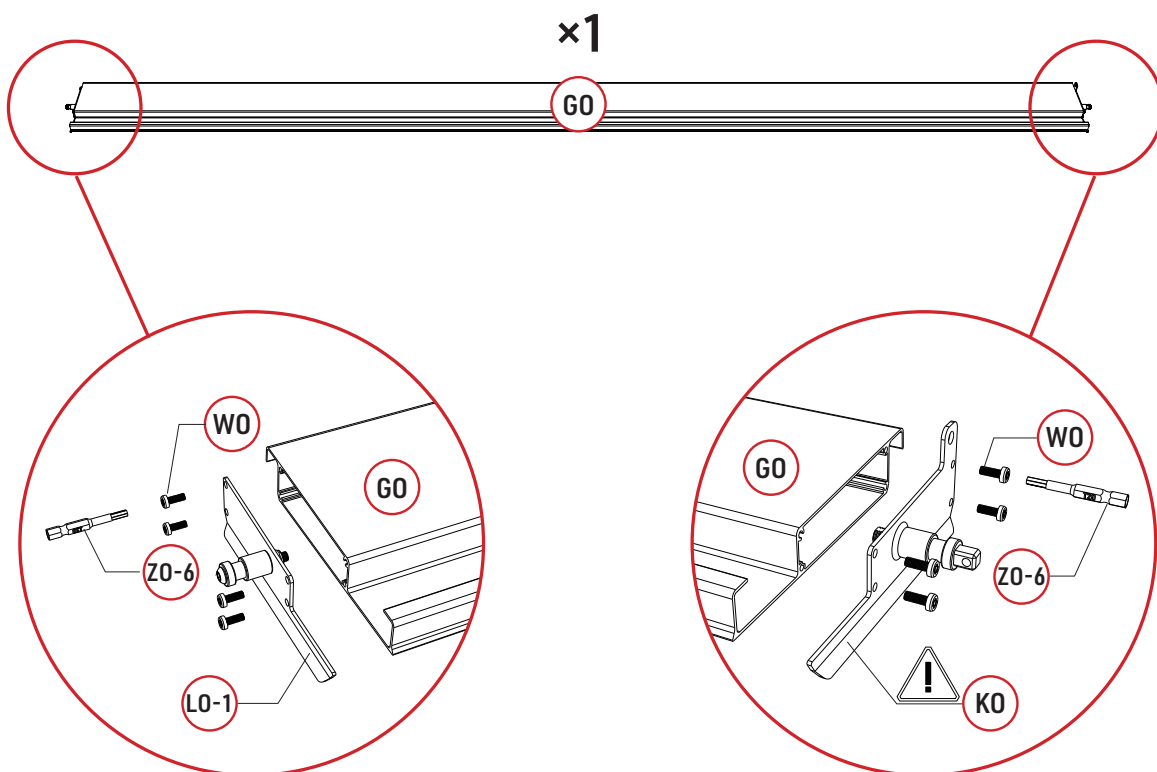
G0		19
----	--	----

K0		1
L0		18
L0-1		19
W0	 	152

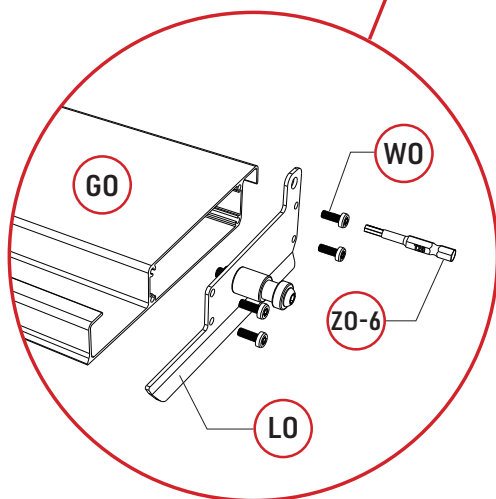
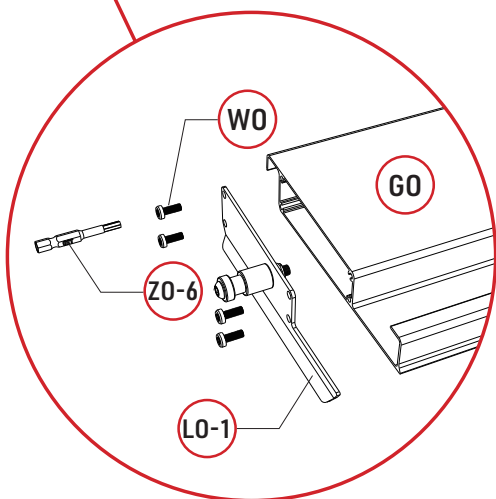
Z0-1	 4mm	1
Z0-2	 4mm	1
Z0-6	 PH2	1

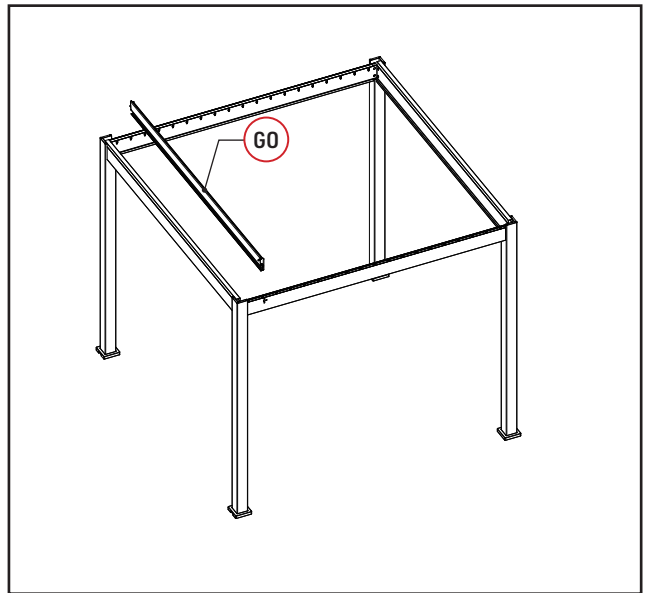


Louver connection

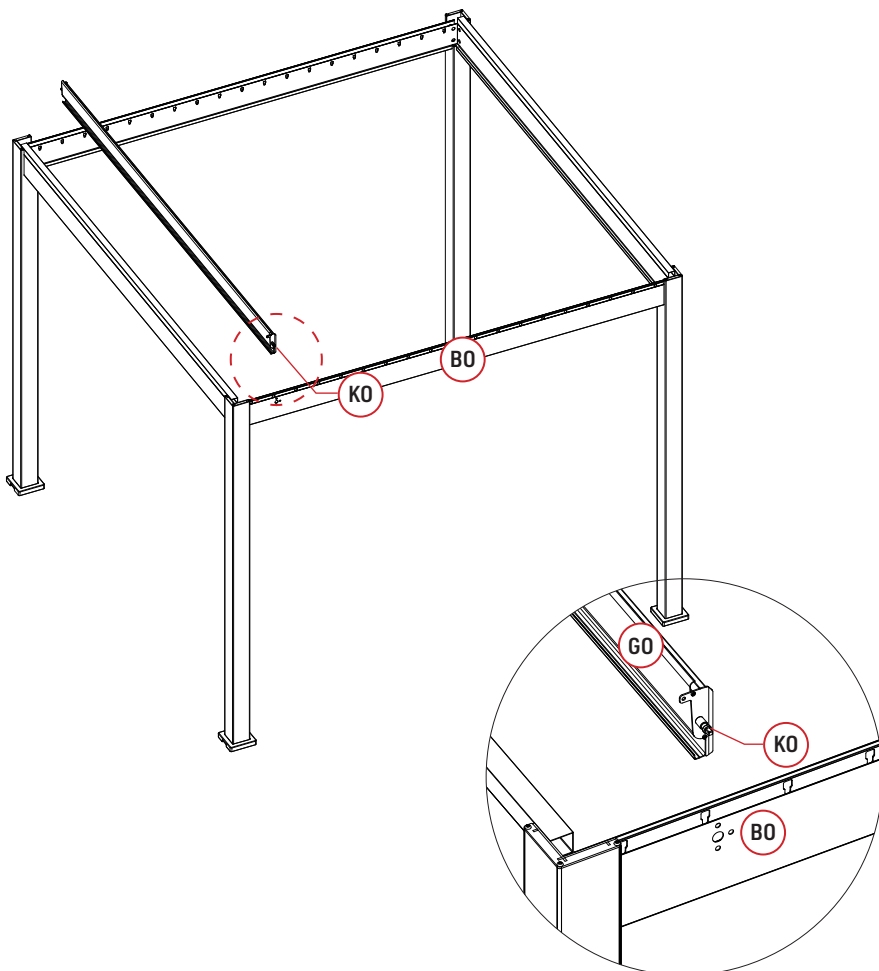


×18

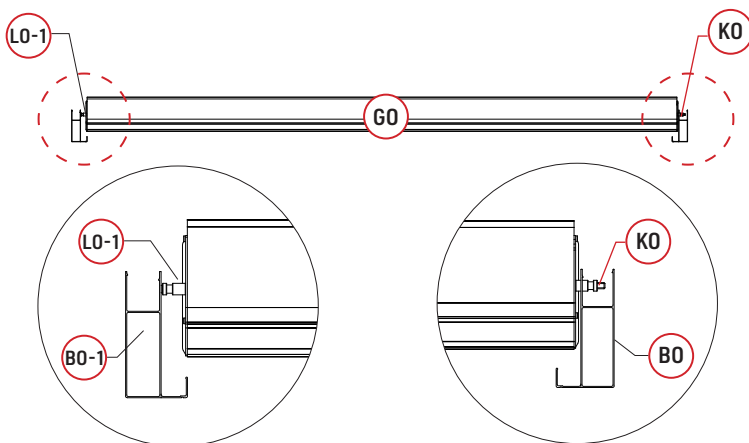
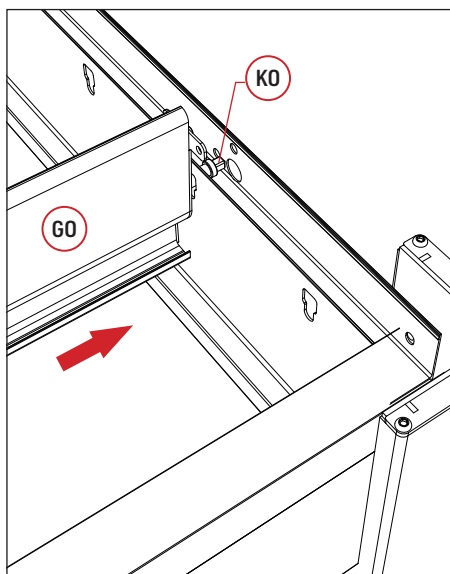




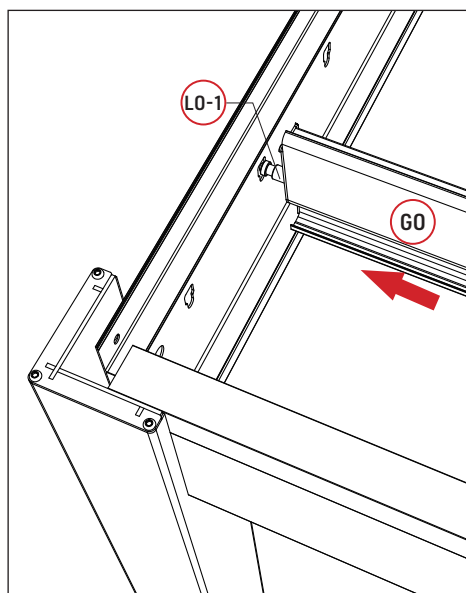
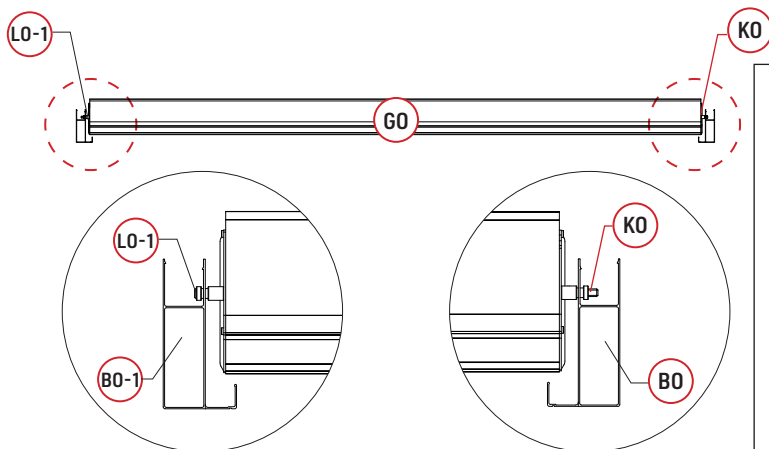
Fasten rubber plugs on both ends of the louvers



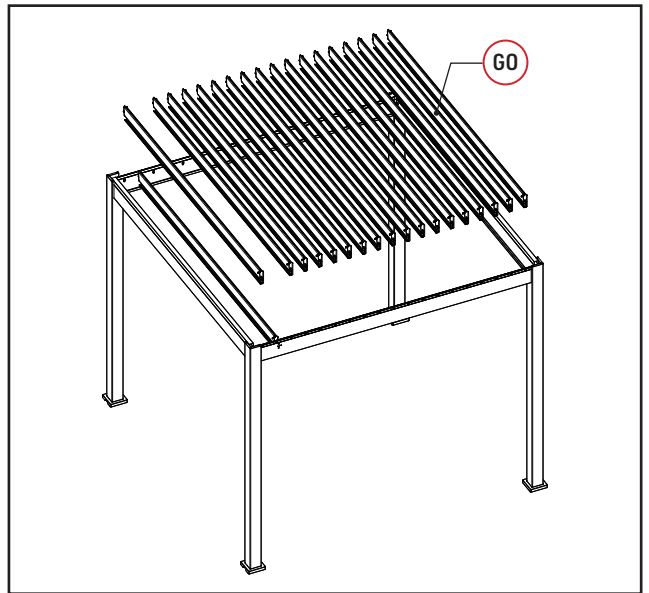
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2

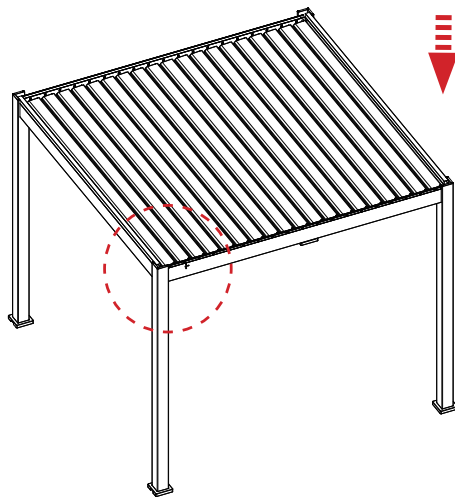




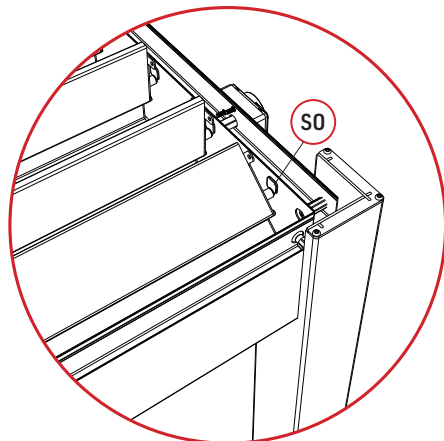
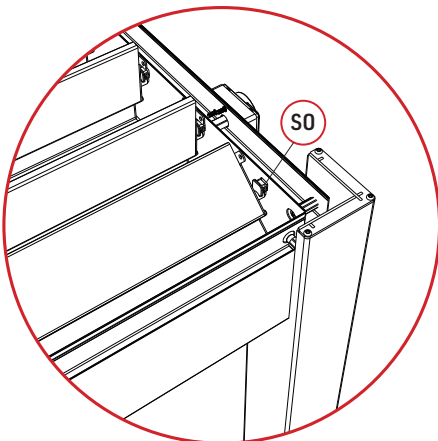







Put in the other louvers and seal the end caps

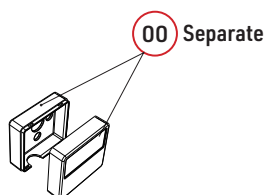
1





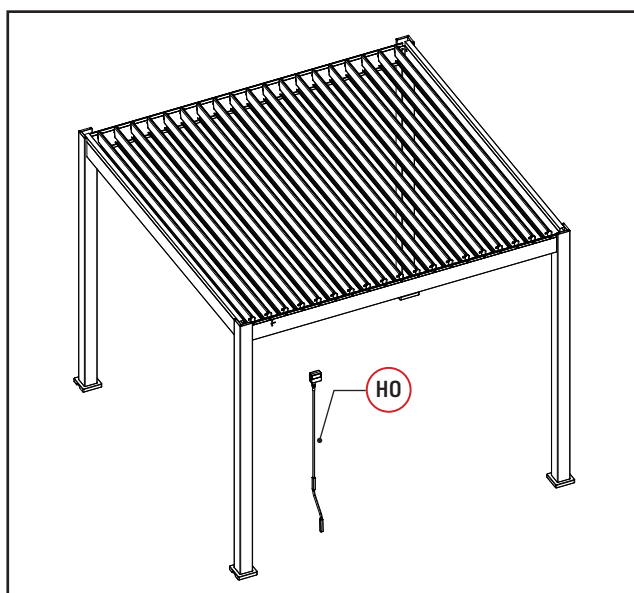
2



H0		1
NO		1
OO		1
PO		1
YO	 Ø45 4mm	3

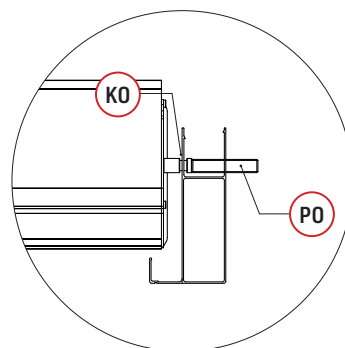
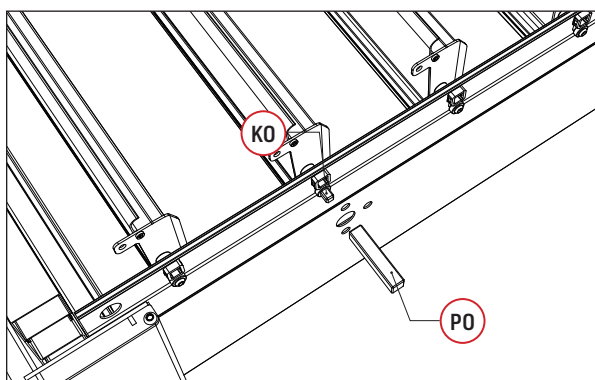


Z0-1	 4mm	1
Z0-2	 4mm	1

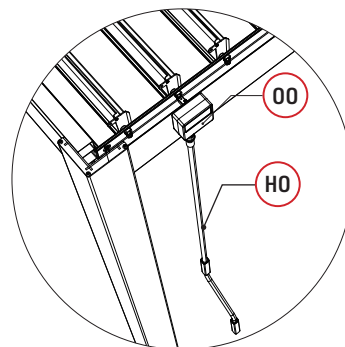
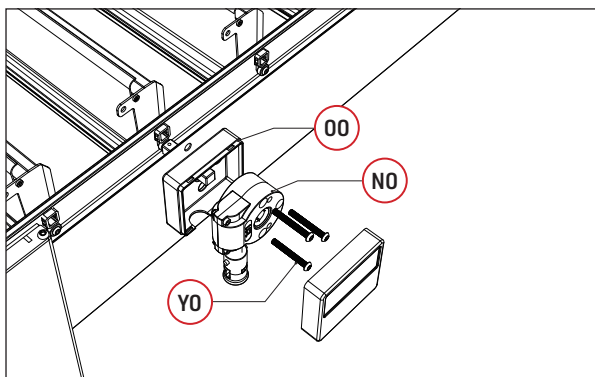





Complete the connection of the main shaft louvers




1

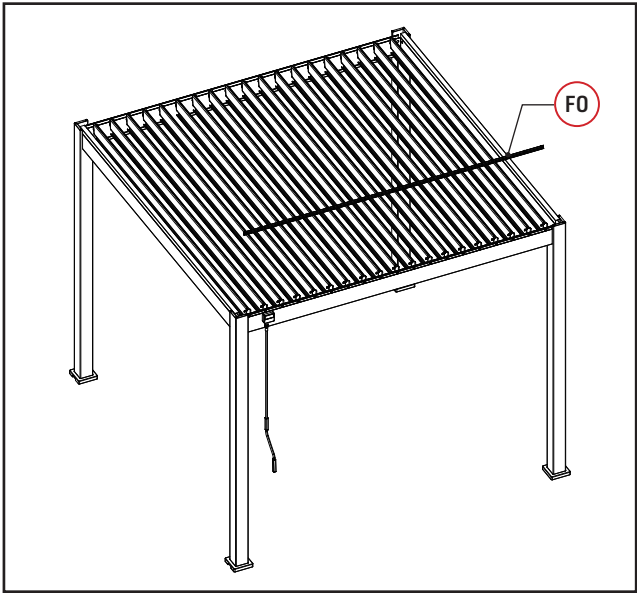


2

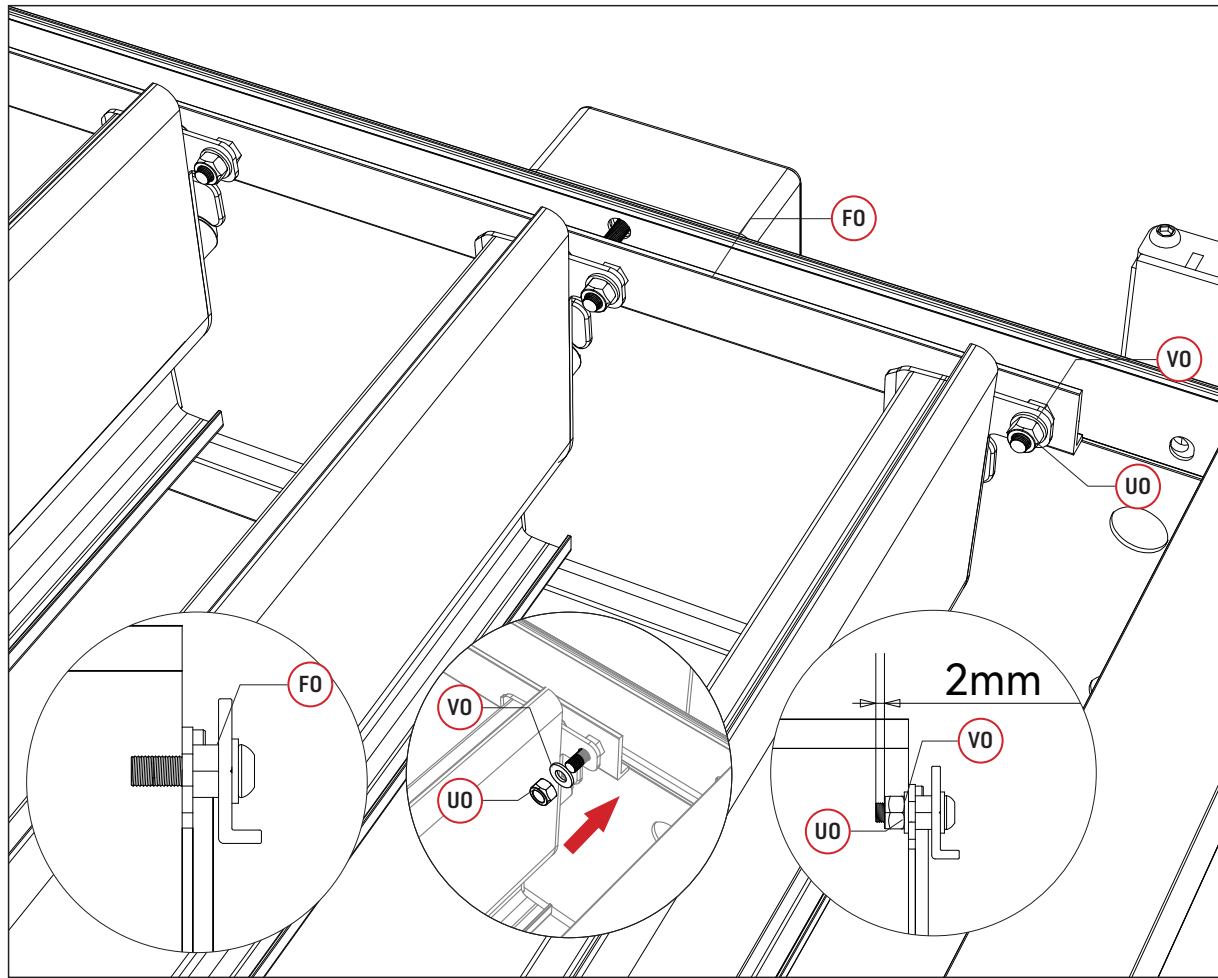





F0		1
V0		19
U0	 lock nut	19

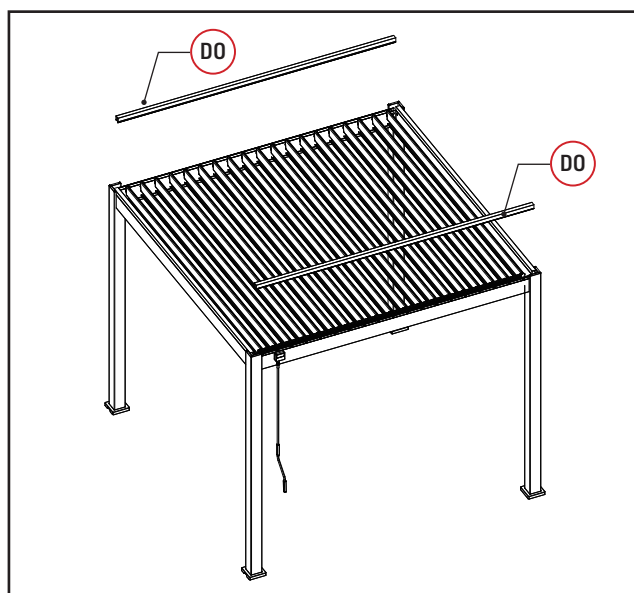
Z0-1	 4mm	1
Z0-2	 4mm	1
Z0-5	 10mm	1



Complete the connection of the connecting angle aluminum

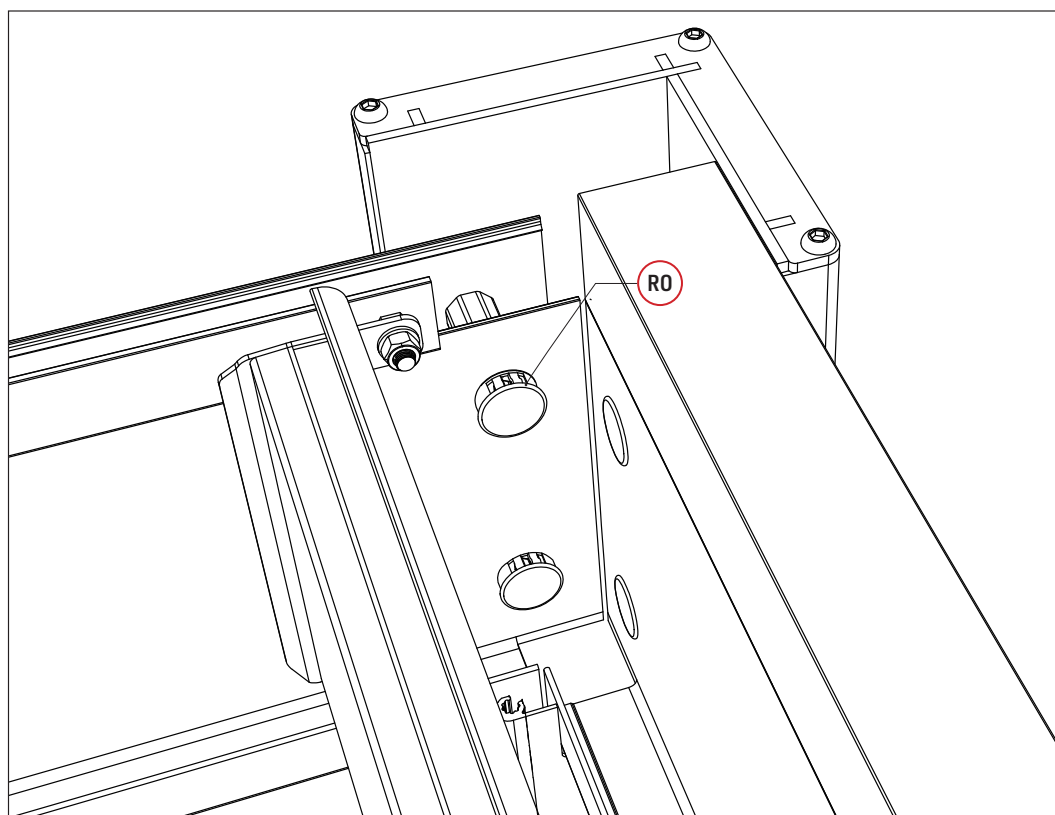


D0		2
R0		16
T0		16

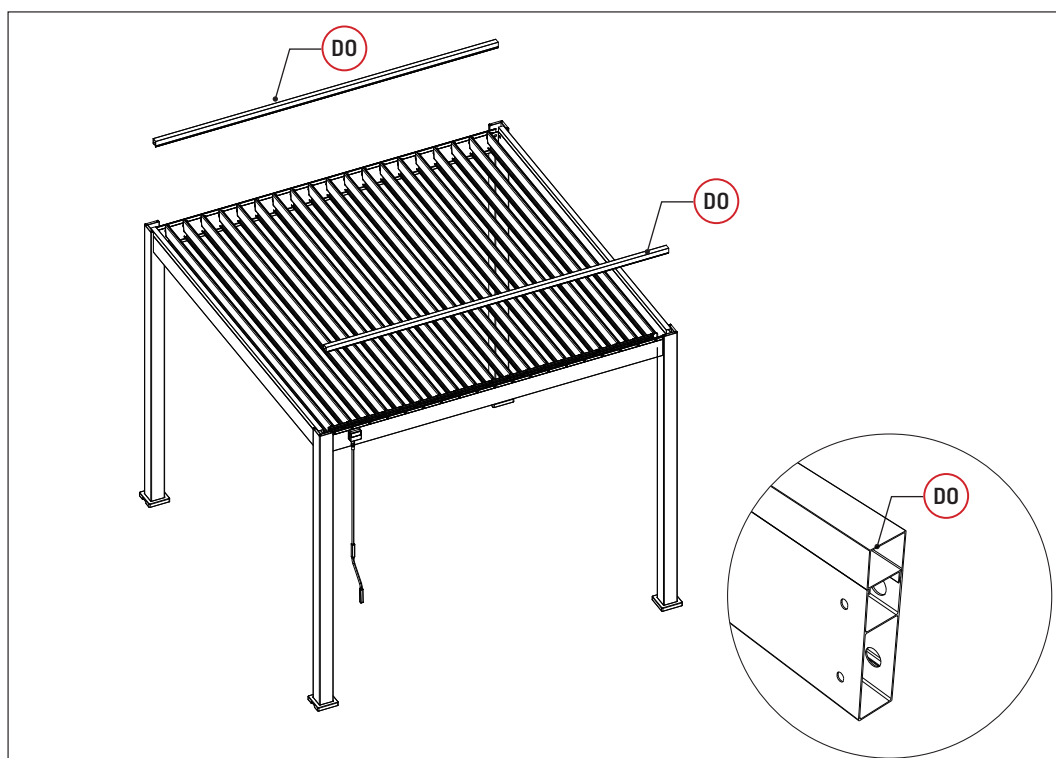


Close the cover to complete the fixing of the pergola

1



2



3

Move the bottom of the columns according to the dimensions in the diagram  
Use a 12mm impact drill bit to guide the holes, then assemble the expansion screws and tighten them with a M17  
spanner.

