

Installation Guide

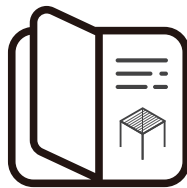
For 13'x20' Pergola

Free-standing



Hygge
pergola

We appreciate your purchase of our Pergola.



Instruction Manual

This guide will give you step-by-step instructions on how to assemble and care for your pergola, ensuring it lasts for years of enjoyment and reliable use.

Be sure to follow all steps carefully, as in correct installation may result in serious injury.

IMPORTANT:

Warning: Safety Instructions

For the safety of individuals, it is crucial to follow these instructions. Please retain them for future reference

For children aged 8 years and older, as well as individuals with reduced physical, sensory, or mental abilities, or those lacking experience and knowledge, provided they have received proper supervision or instruction on how to use the appliance safely and are aware of the potential hazards.

Children should not be allowed to play with the appliance. Cleaning and maintenance tasks should only be performed by children under supervision.

This pergola is designed for outdoor residential use, providing protection from direct sunlight, glare, and heat.

Any use or modification not outlined in this manual is considered improper and could pose significant risks to both users and property. Such actions will void the product warranty.

BEFORE THE INSTALLATION

PREPARE ALL THE NECESSARY TOOLS

To assemble your pergola properly and safely, make sure you have the following tools and accessories on hand, as these are not included.

											
2 step ladders	Protective gloves	Hexagonal spanner/wrench set	Phillips screwdriver	Hammer	Tape measure	Hard hat	Box cutter	Hammer drill	Spirit level	Cordless screwdriver	Scissors

CHECK FOR MISSING PARTS:

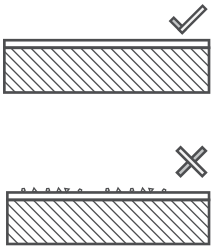
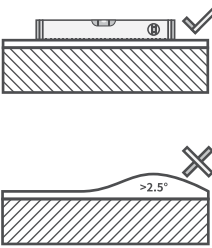
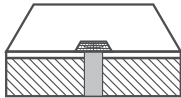
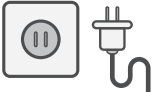
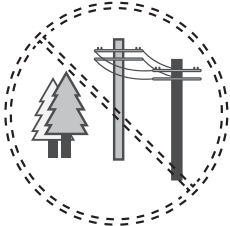
Before starting the installation, verify that you have all the necessary parts to assemble your e-Motion. Double-check that the quantity of parts matches the model you purchased.

If any parts are missing, please reach out to customer service before proceeding with the installation.

PREPARE THE PARTS FOR EACH STEP:

In the Installation section of the manual, each step specifies the parts and quantities needed. We recommend gathering the necessary parts ahead of time for each step. This will help save you time and make the assembly process smoother. To avoid damaging the painted surfaces, place the parts on cardboard or another soft surface if possible.

CHOOSE AN APPROPRIATE LOCATION:

				
The ground should be solid and level.	The ground must be flat and even.	Ensure there is adequate water drainage in the area.	Make sure the location has easy access to power, if needed	Avoid areas with overhanging trees or powerlines.

WARNING:

Many terraces or patios are built with a slight slope to direct rainwater away from the house or other structures. For proper pergola installation, a completely level surface is required. Small pebbles or uneven ground may prevent the pergola from being securely anchored.

If the pergola is installed on an uneven surface, it may affect the performance of accessory components and could void the product warranty. You may also need to adjust the height of the pillars for proper installation.

PREPARE THE FOUNDATION:

To get your foundation ready, make sure to:

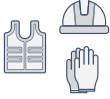
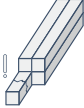
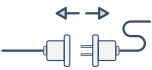
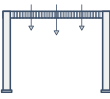
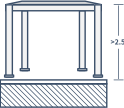
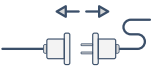
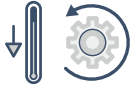
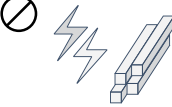
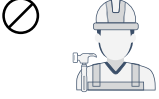
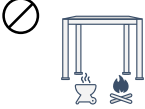
Check for underground pipes and cables (call local relative authorities before digging).

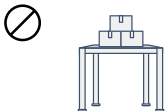
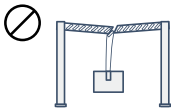
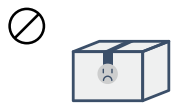
Verify with local authorities if any building permits are necessary.

If you're opting for a concrete base, consult with a reputable contractor.

IMPORTANT SAFETY SUGGESTIONS

To ensure the safety of everyone involved in the installation and use of the pergola, it is essential to follow the safety guidelines listed below.

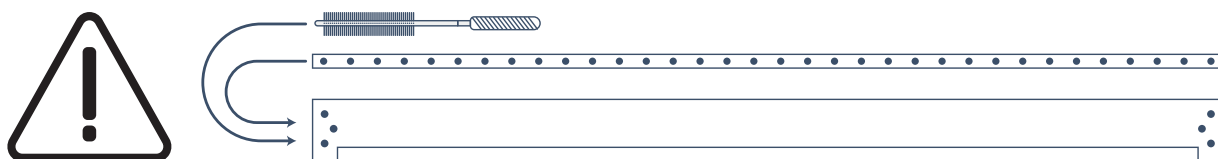
	The pergola must be placed and secured on a flat, level surface.		Always wear suitable work shoes, gloves, and eye protection during assembly.
	When using power tools or a ladder, always adhere to the manufacturer's safety instructions.		Always wear protective gear to minimize the risk of injury in case of a fall.
	Ensure the pergola meets local building regulations and codes.		Do not step on the louvers.
	Use only ladders and scaffolding that can support the required weight.		Visually inspect the pergola for damage prior to each use. If damage is detected, stop using it immediately and reach out to authorized personnel to fix it.
	Remove any excess cords and disconnect any non-essential equipment before installing the drive.		To avoid damage, set the louvers in the vertical position during snow or windy conditions.
	Unprotected moving parts that pose a hazard should be installed more than 2.5 meters above the floor or any surface that could allow access to them.		Always use replacement parts that are approved by the manufacturer.
	To avoid damage to the pergola, ensure that foliage or foreign objects on the louvers and in the guide rails are removed frequently.		Only certified personnel are authorized to carry out electrical installation, following the relevant regulations
	Disconnect all electrical connections from the mains prior to installation.		Operate the pergola remotely only when you can see the moving parts clearly.
	Only a licensed electrical contractor should install the power sources for electric pergolas.		If the motor undergoes repeated open-close cycles, it may enter overheat protection mode and will return to normal once it cools down.
	Keep children and pets away from the assembly area until the installation is fully completed.		Dispose of all plastic bags responsibly and keep them out of reach of children.
	Keep a safe distance from power lines, especially when handling metal parts.		Avoid assembling the pergola in windy or wet conditions.
	In the event of a damaged supply cord, only the manufacturer, a service agent, or similarly qualified personnel should replace it		Do not store hot items, such as recently used grills or blowtorches, under or near the pergola.

	To prevent damage to the louvers' drive, do not operate the roof mechanism in the presence of frost or ice.		Keep clothing and body parts clear of the pergola to avoid them becoming caught in the moving parts.
	Keep items off the louvers.		It is not allowed to hang objects on the pergola, as it may result in serious damage.
	Before making any modifications to the design or configuration of the equipment, consult the manufacturer or an authorized representative.		Keep children away from the fixed controls and ensure remote controls are out of their reach.
	The warranty will be voided, and the operating mechanism may be damaged if non-original branded accessories are installed.		

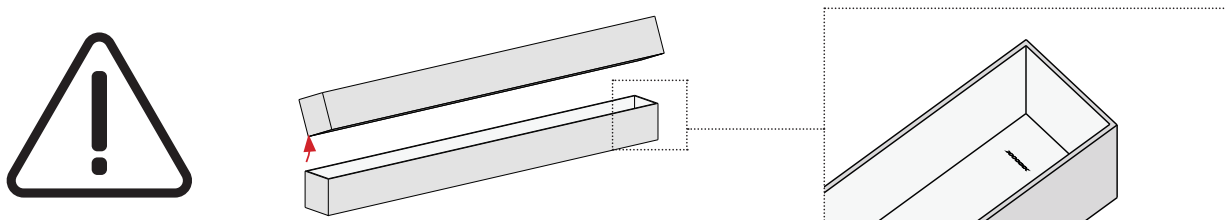


2 PERSONNEL REQUIRED

Connecting bar & brush are in the cavity of the beam.



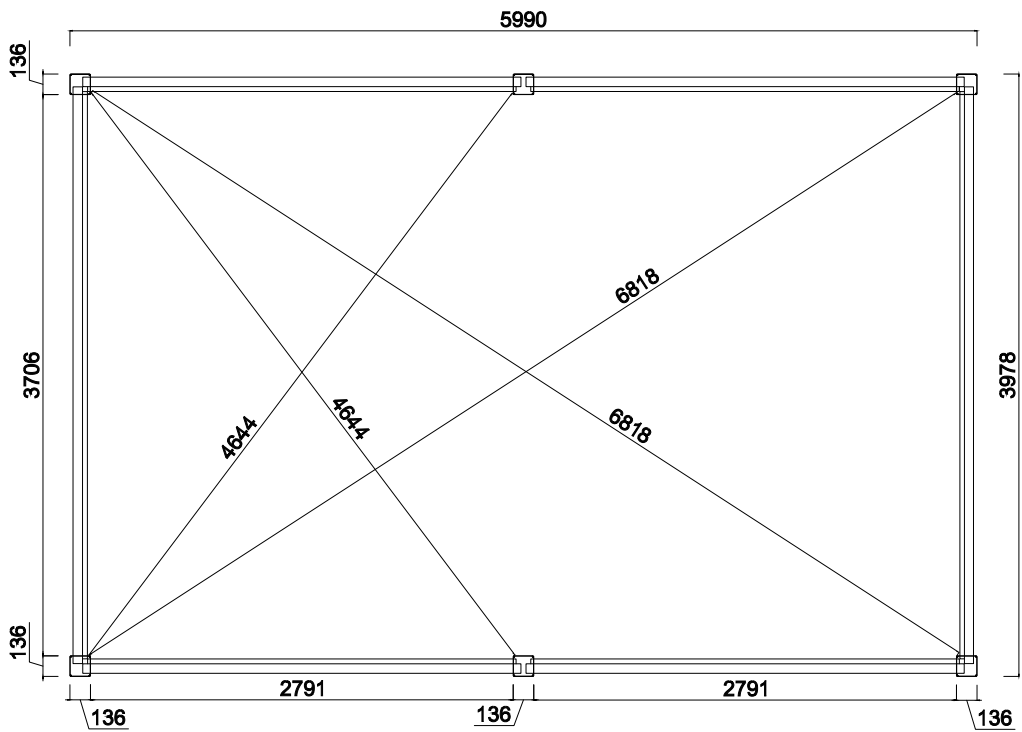
There is a Product Tracking Number in the inner side of the carton (see below diagram). For better and efficient after-sales in the future, when tear down the carton box, please take a photo of the Tracking Number and save the photo.



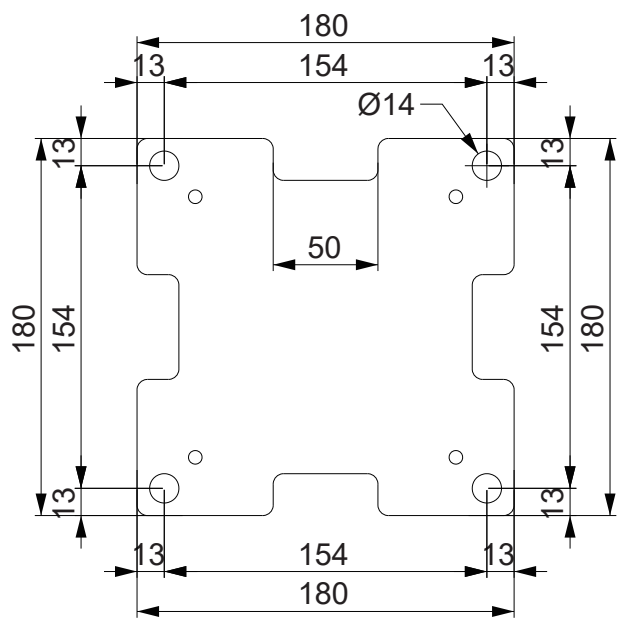
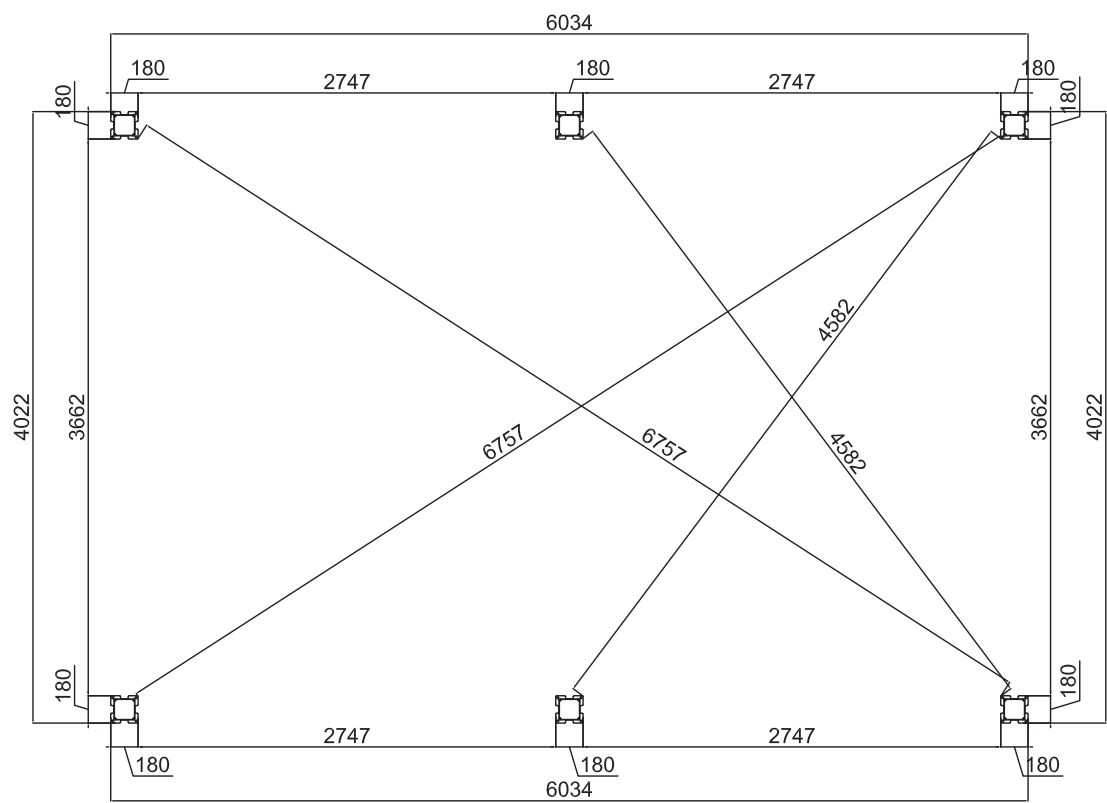
PERGOLA SIZE

4X6

Plan Size



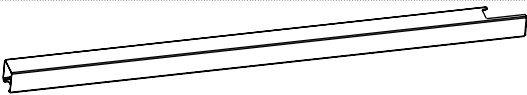
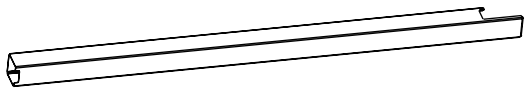
Plan Size

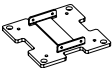


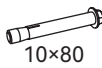
SPARE PART LIST

4X6

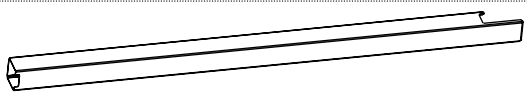
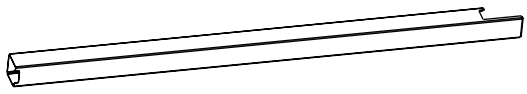
CARTON 1/9

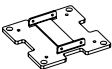
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AO			136X136 L=2550mm	2
AO-1			136X136 L=2550mm	1

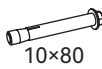
No.	Diagram	QTY
IO		3
JO-1		3

No.	Diagram	QTY
WO-3	 6×16 4mm	12
TO	 10×80	12
XO-1	 6×35 4mm	12

CARTON 2/9

No.	Profile	Diagram	Size	QTY
AO-1			136X136 L=2550mm	1
AO-2			136X136 L=2550mm	2

No.	Diagram	QTY
IO		3
JO-1		3

No.	Diagram	QTY
WO-3	 6×16 4mm	12
TO	 10×80	12
XO-1	 6×35 4mm	12

SPARE PART LIST

4X6

CARTON 3/9

No.	Profile	Diagram	Size	QTY
CO-3			95X195 L=3809mm	1
CO-4			95X195 L=3809mm	1
EO			75X110 L=3770mm	1
FO			27X8 L=2744mm	2
HO			L=1300mm	2
No.	Profile	Diagram	Size	QTY
LED1			69X78 L=2790mm	4
LED2			69X78 L=3705mm	2

CARTON 4/9

No.	Profile	Diagram	Size	QTY
BO-3			95X195 L=2894mm	2
BO-4			95X195 L=2894mm	2

CARTON 5/9

No.	Profile	Diagram	Size	QTY
GO			166X38 L=2855mm	10

CARTON 6/9

No.	Profile	Diagram	Size	QTY
GO			166X38 L=2855mm	10

SPARE PART LIST

4X6

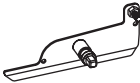
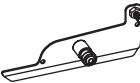
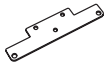
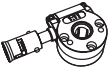
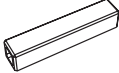
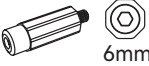
CARTON 7/9

No.	Profile	Diagram	Size	QTY
GO			166X38 L=2855mm	10

CARTON 8/9

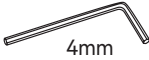
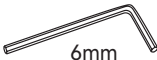
No.	Profile	Diagram	Size	QTY
GO			166X38 L=2855mm	8

CARTON 9/9

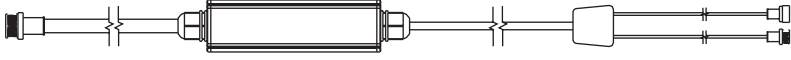
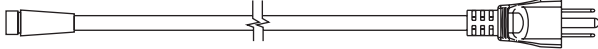
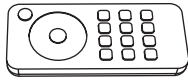
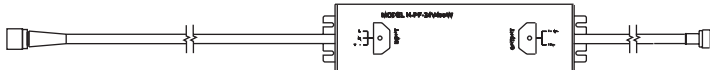
No.	Diagram	QTY
KO		2
LO		36
LO-1		38
EO-1		2
NO		2
OO-1		2
QO-2		2
PO-1		2
QO	 6mm	24
QO-1	 6mm	12

No.	Diagram	QTY
QO-2		12
QO-3		12
RO		36
SO		76
WO-1	 5x19  8mm	6
UO	 lock nut	38
VO		38
WO	 4x16  PH2	152
XO-3	 6x16  4mm	4
YO	 6x45  4mm	6

CARTON 9/9

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

No.	Diagram	QTY
ZO-4	 6mm	1
ZO-5	 10mm	1
ZO-6	 PH2	1
ZO-7	 8mm	1

No.	Diagram	QTY
L-C		1
P-2		1
L1		1
E-T		1

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

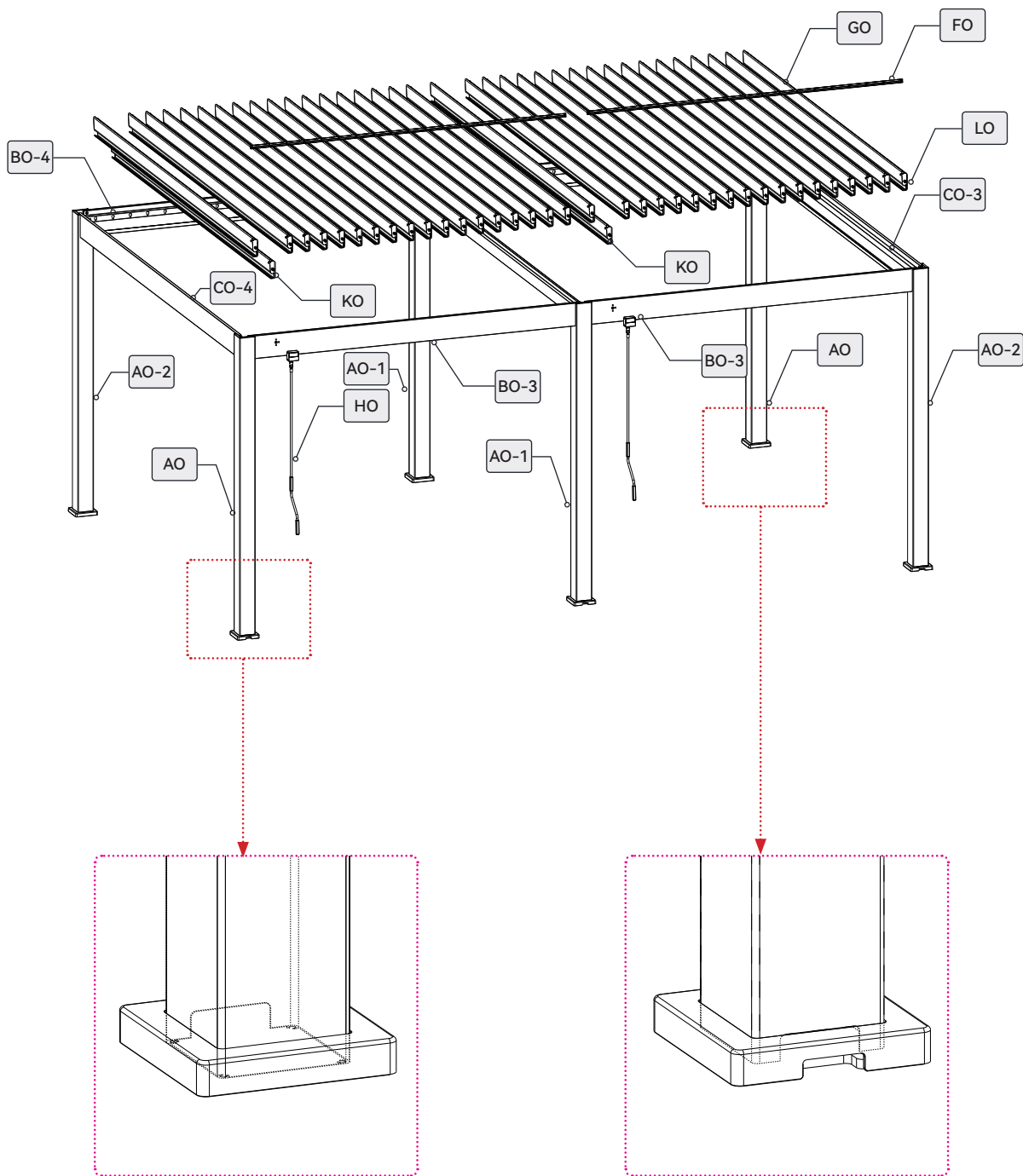
Any missing part must be reported within 10 days of delivery.

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.

Attention:

Please note that the outlet on the skirt should be in the front position for the front side, while for the rear side, the outlet is a mirror image of the front face.



Install the louvre cover on two ends of the installed louvres and the spindle louver.

GO		38	WO			152	ZO-6		PH2
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LO-1

X2

GO

KO

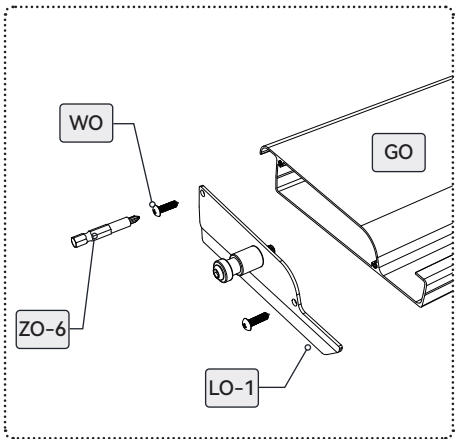


WO

ZO-6

LO-1

GO

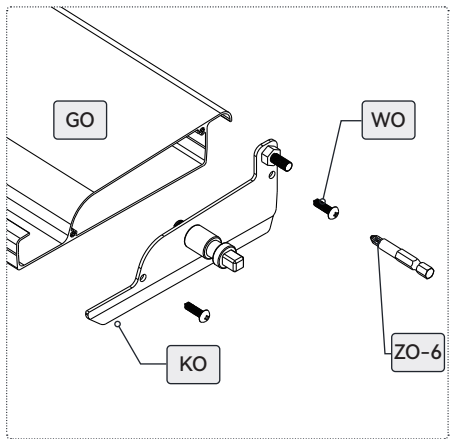


GO

WO

KO

ZO-6

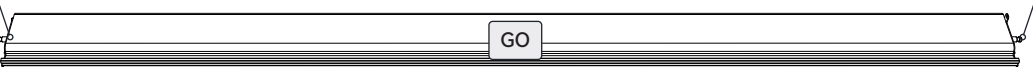


LO-1

X36

GO

LO

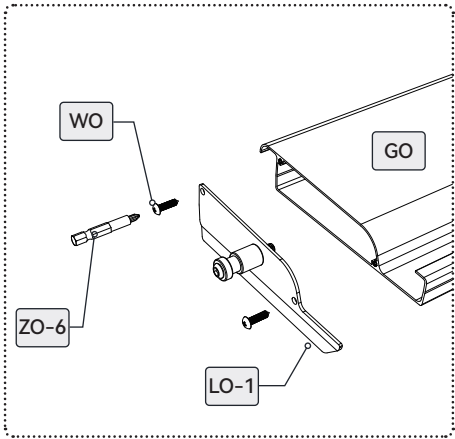


WO

ZO-6

LO-1

GO

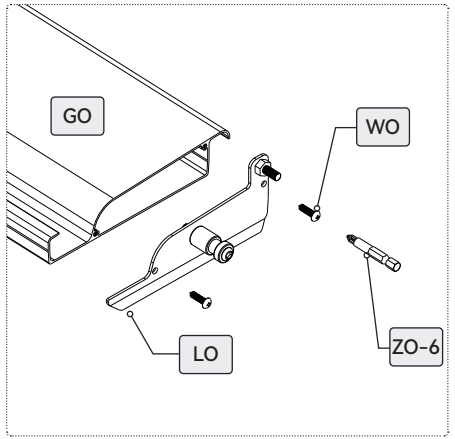


GO

WO

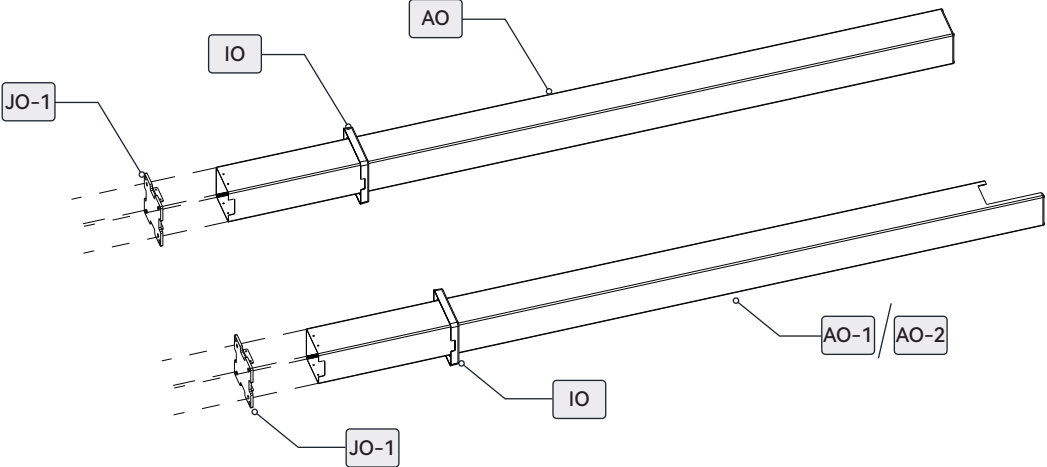
LO

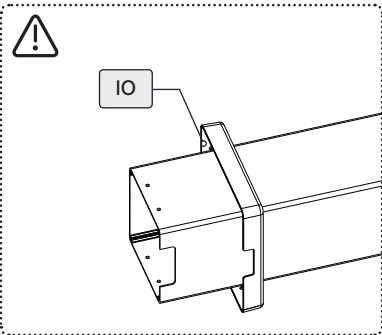
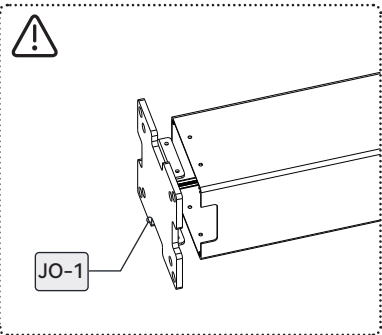
ZO-6



1. Install the post skirt first
2. Make sure the outlet of the skirt and the post are on the same face

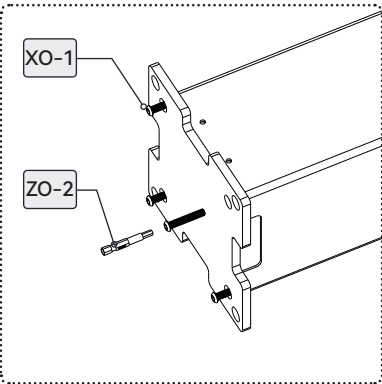
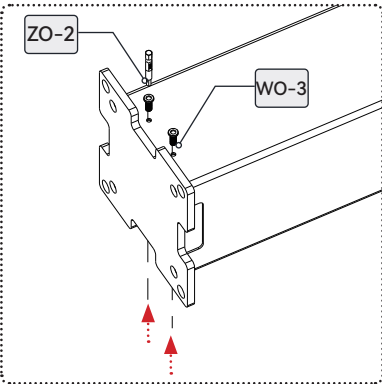
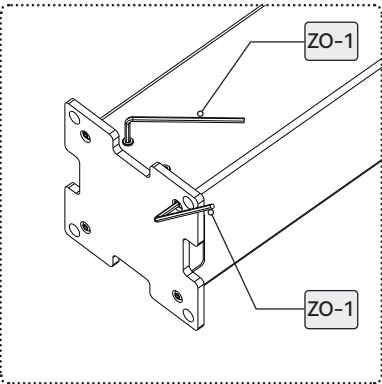
AO		2	IO		6	XO-1		24	ZO-1	
AO-1		2	JO-1		6	WO-3		24	ZO-2	
AO-2		2								



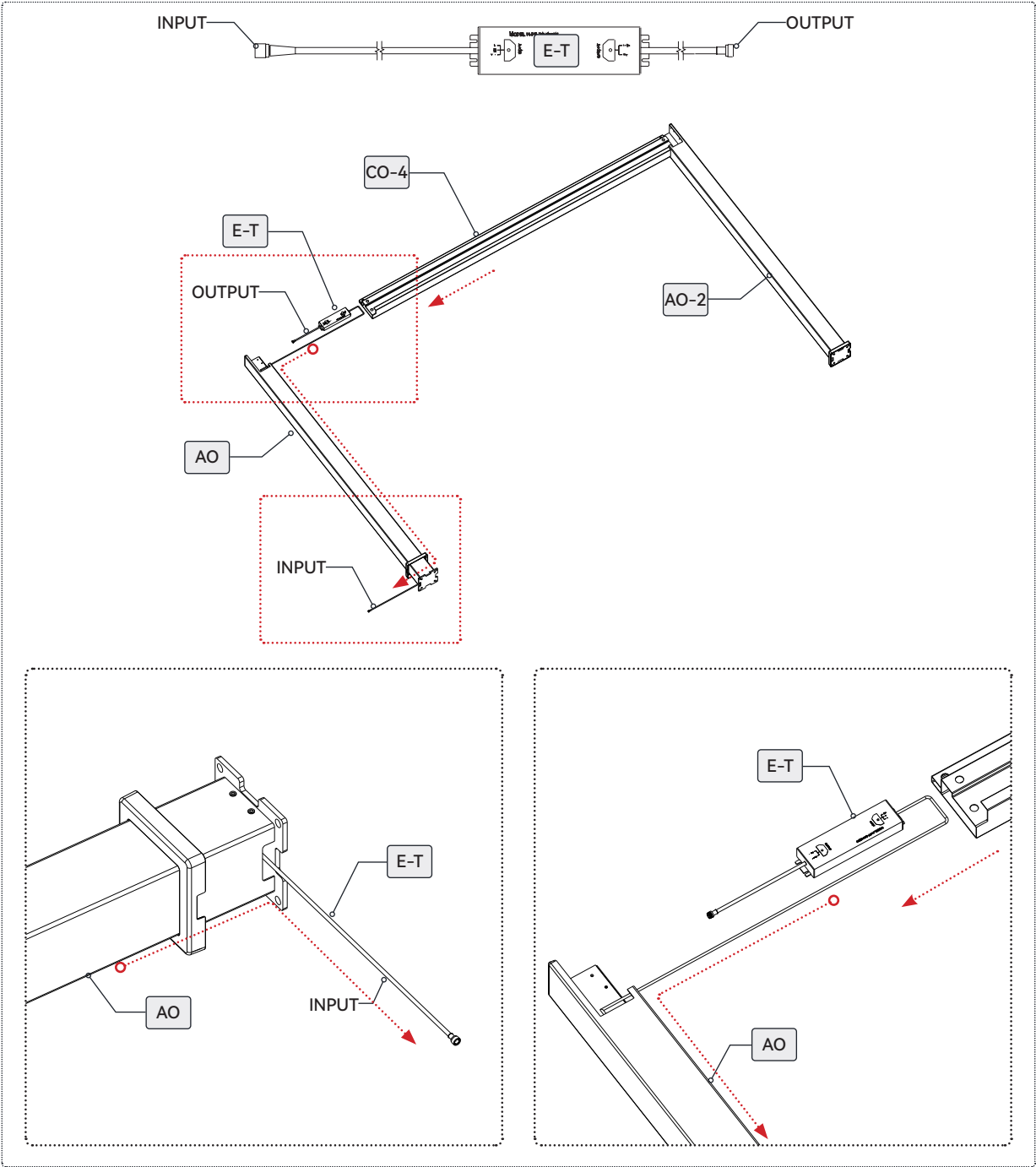
Attention:

Please fasten the screw by hand after installing these screws.

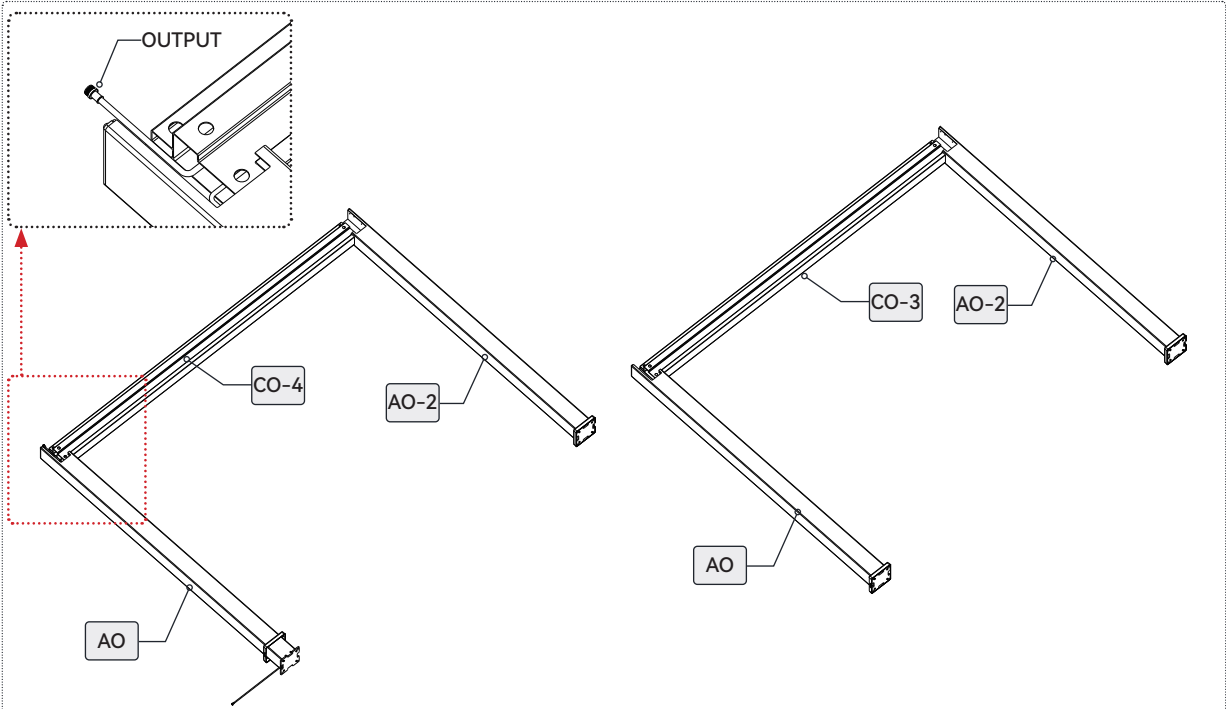
Place the transformer in the side beam as shown position ,the output end go through the cavity and go out from post drainage.

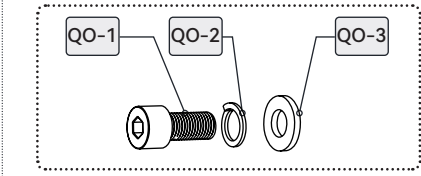
CO-4		1
E-T		1



Placing the post on the ground, and then complete the installation of the side beams.

CO-3		1	QO		6mm	8	QO-2		4	ZO-3		6mm
			QO-1		6mm	4	QO-3		4	ZO-4		6mm



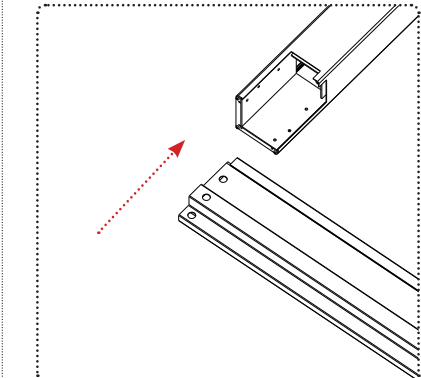


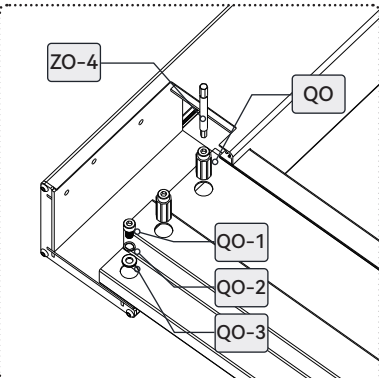


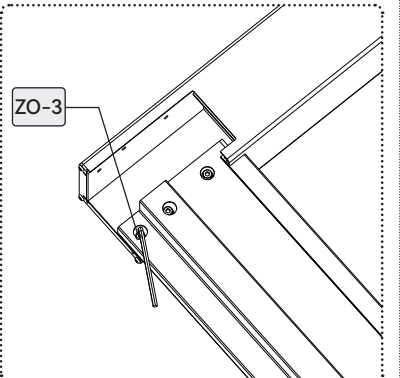


Attention:

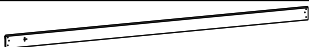
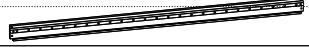
Please fasten the screw by hand after installing these screws.

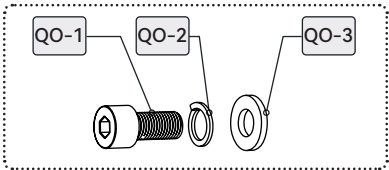
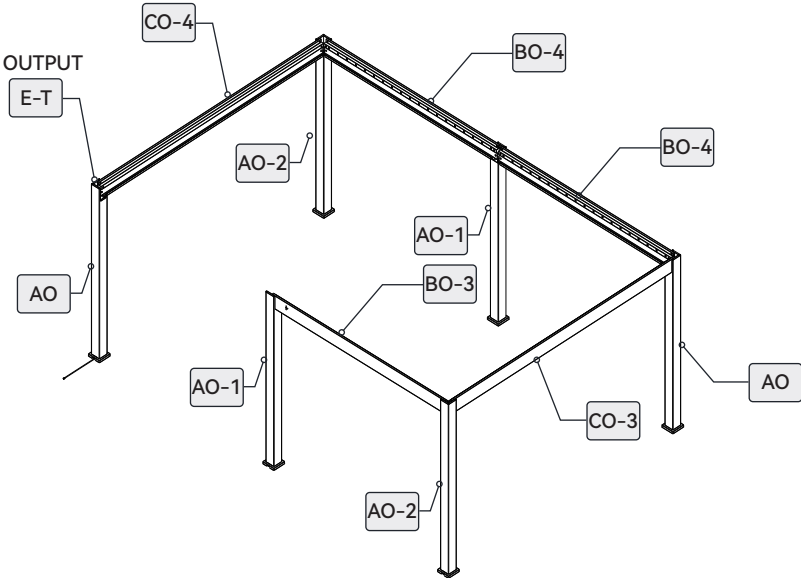






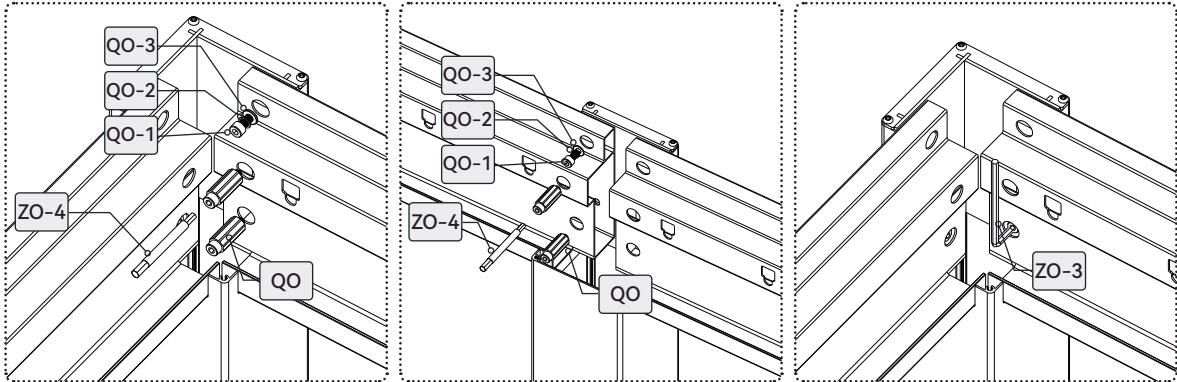
Put up the completed side beams and then install the main beams at each end.

BO-3		1	QO		6mm	16	QO-2		8	ZO-3		6mm
BO-4		2	QO-1		6mm	8	QO-3		8	ZO-4		6mm
BO-4		2										



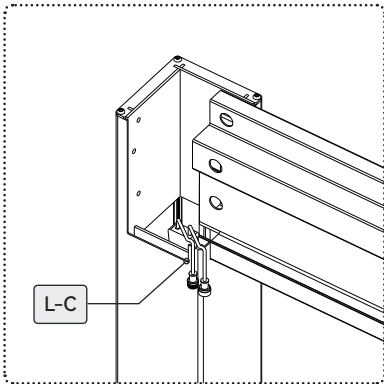
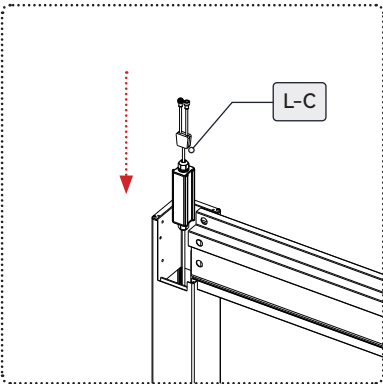
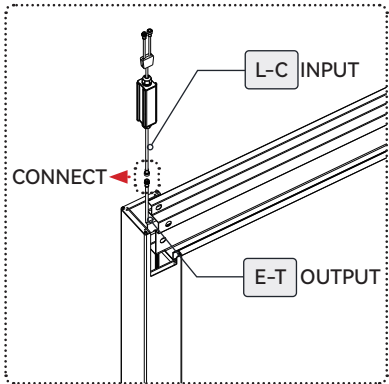
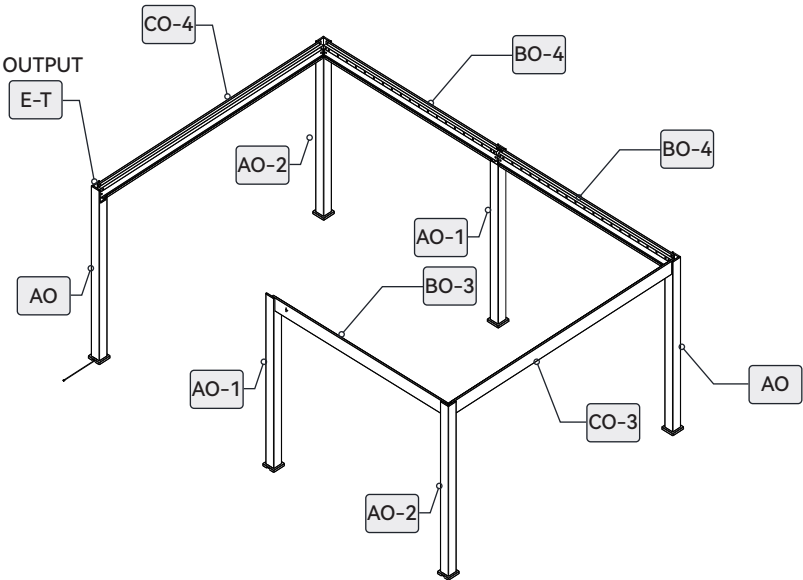
Attention:

Please fasten the screw by hand after installing these screws.



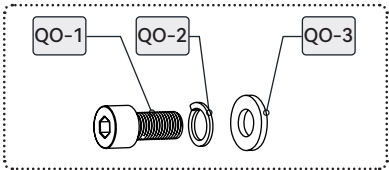
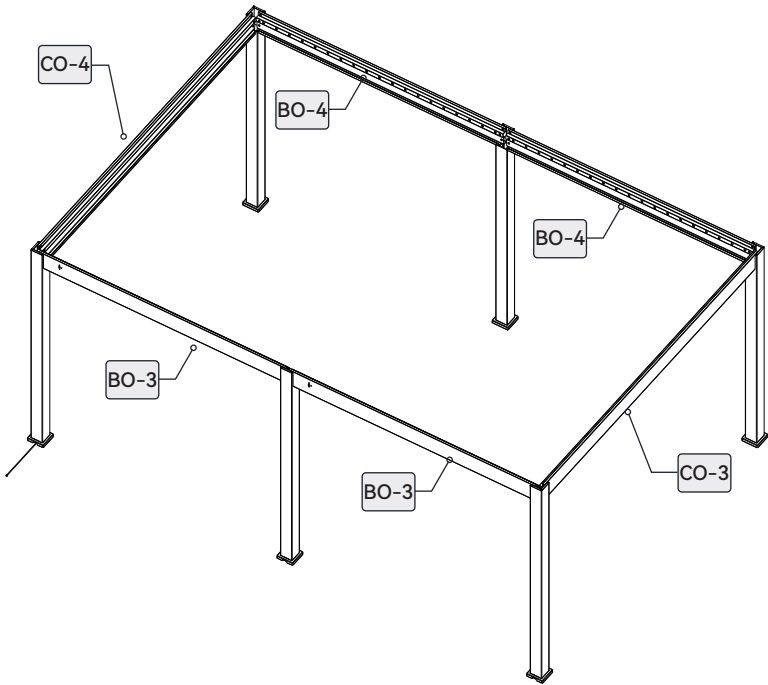
Fix transformer and controller, the output of controller is placed on post for next step assembly.

L-C		1
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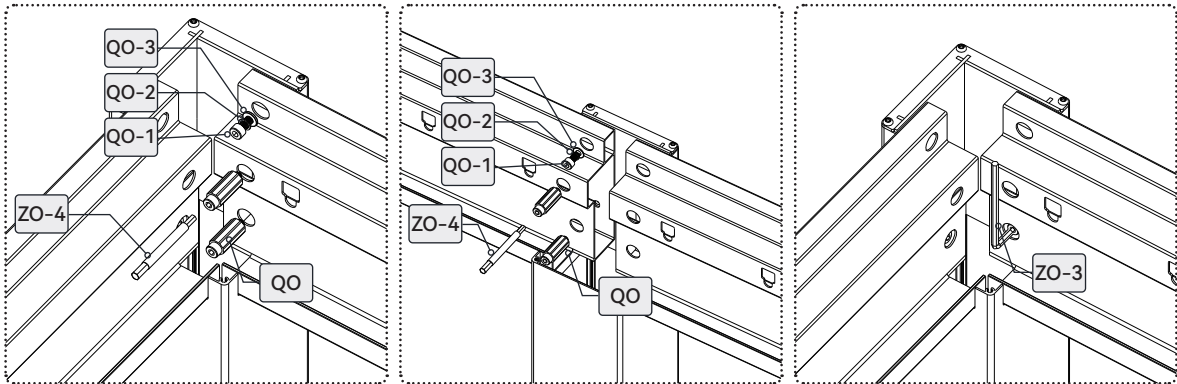


Put up the completed side beams and then install the main beams at each end.

BO-3		1	QO		6mm	8	QO-2		4	ZO-3		6mm
			QO-1		6mm	4	QO-3		4	ZO-4		6mm

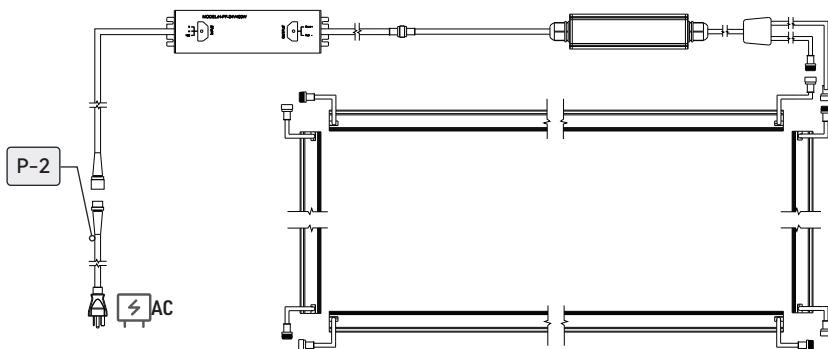
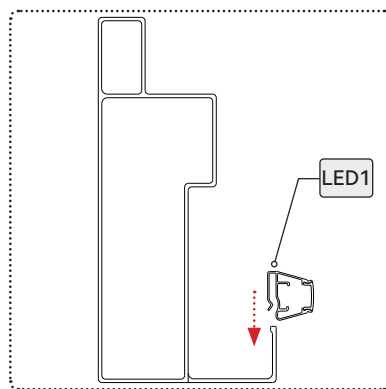
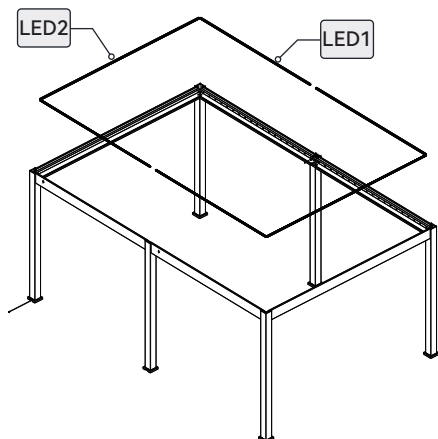


Attention:
Please fasten the screw by hand after installing these screws.



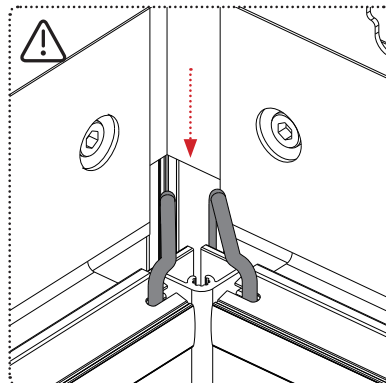
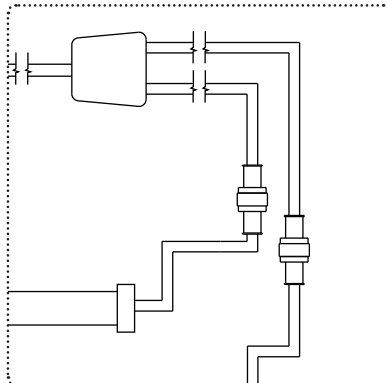
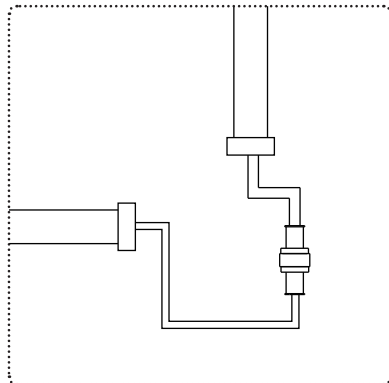
Place LED at gutter of beam to connect LED Strip, LED strip are connected to each other. The end is connected to controller, the other end is connected to home power supply, the remote control to control LED Strip works.

LED1			4
LED2			2



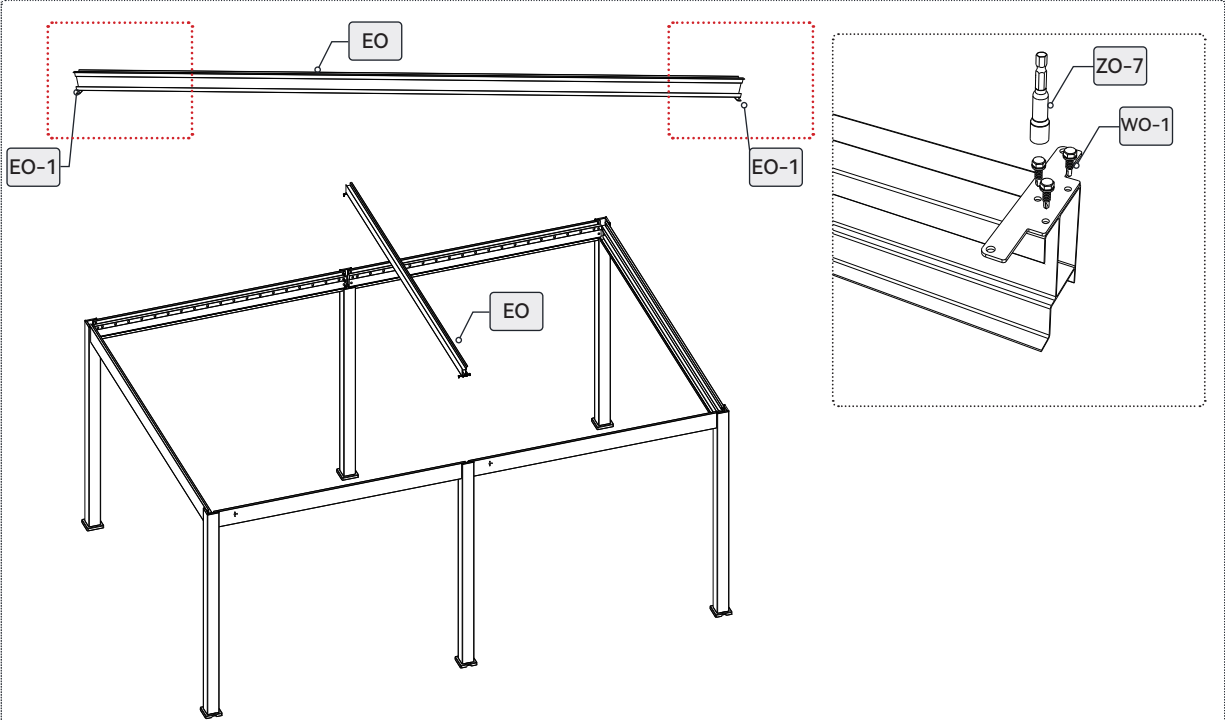
Attention:

LED Strip is connected to each other, LED strip connect to controller, place the connected wires in cavity of post.



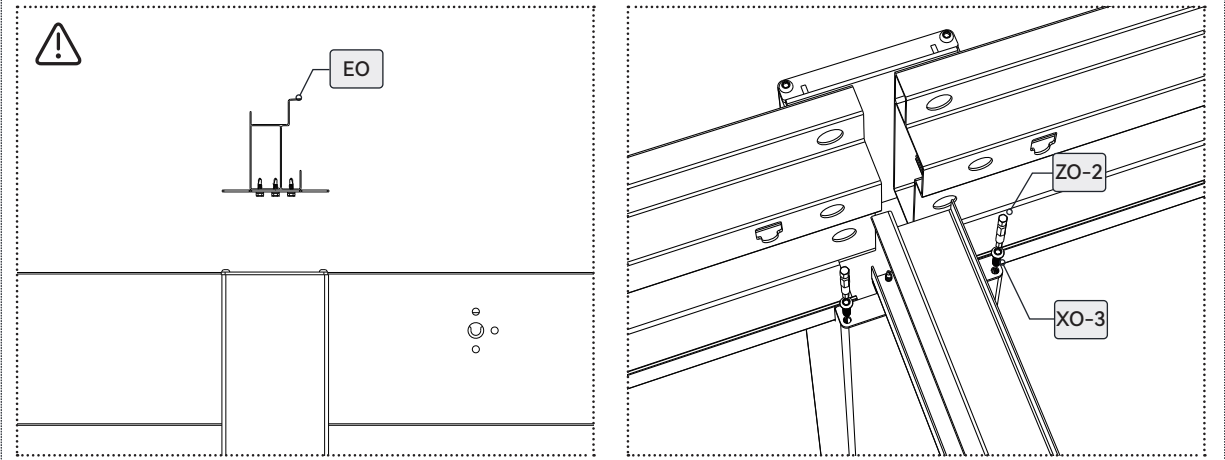
First, install the accessories for the middle beam, then place the middle beam onto the pergola.

EO		1
EO-1	 6mm	2
WO-1	 6mm	1
XO-3	 6x16 4mm	4
ZO-1	 4mm	
ZO-2	 4mm	
ZO-7	 8mm	

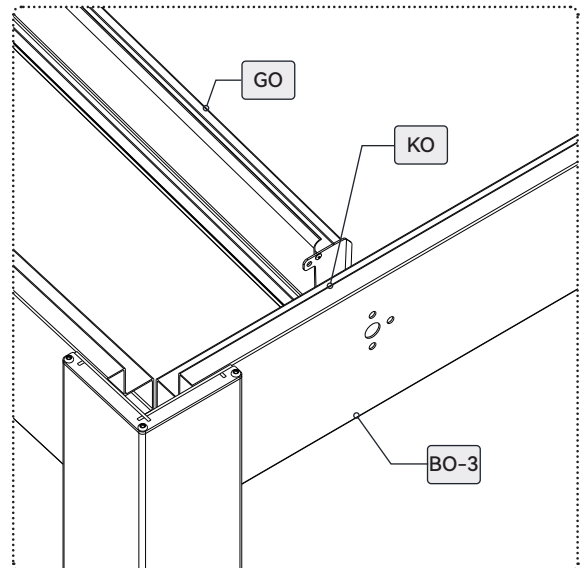
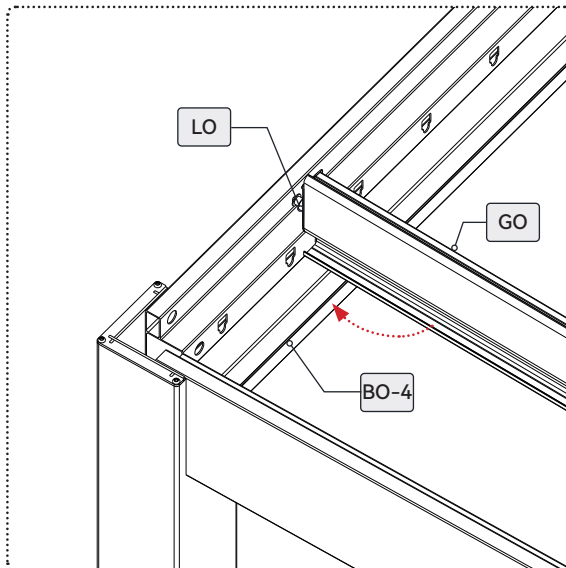
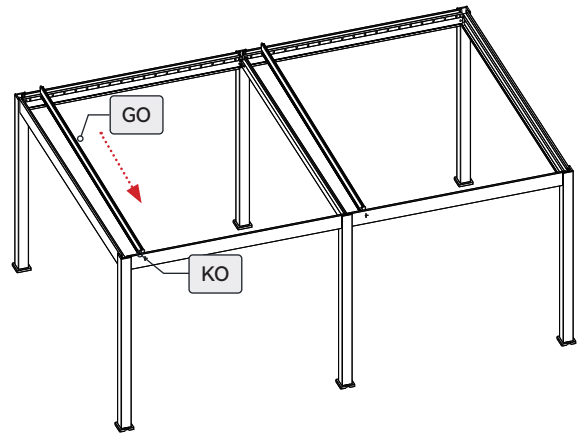
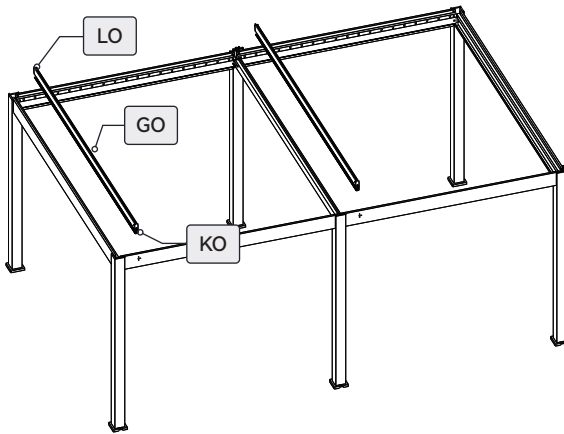


Attention:

Pay attention to the orientation of the middle beam when placing it.

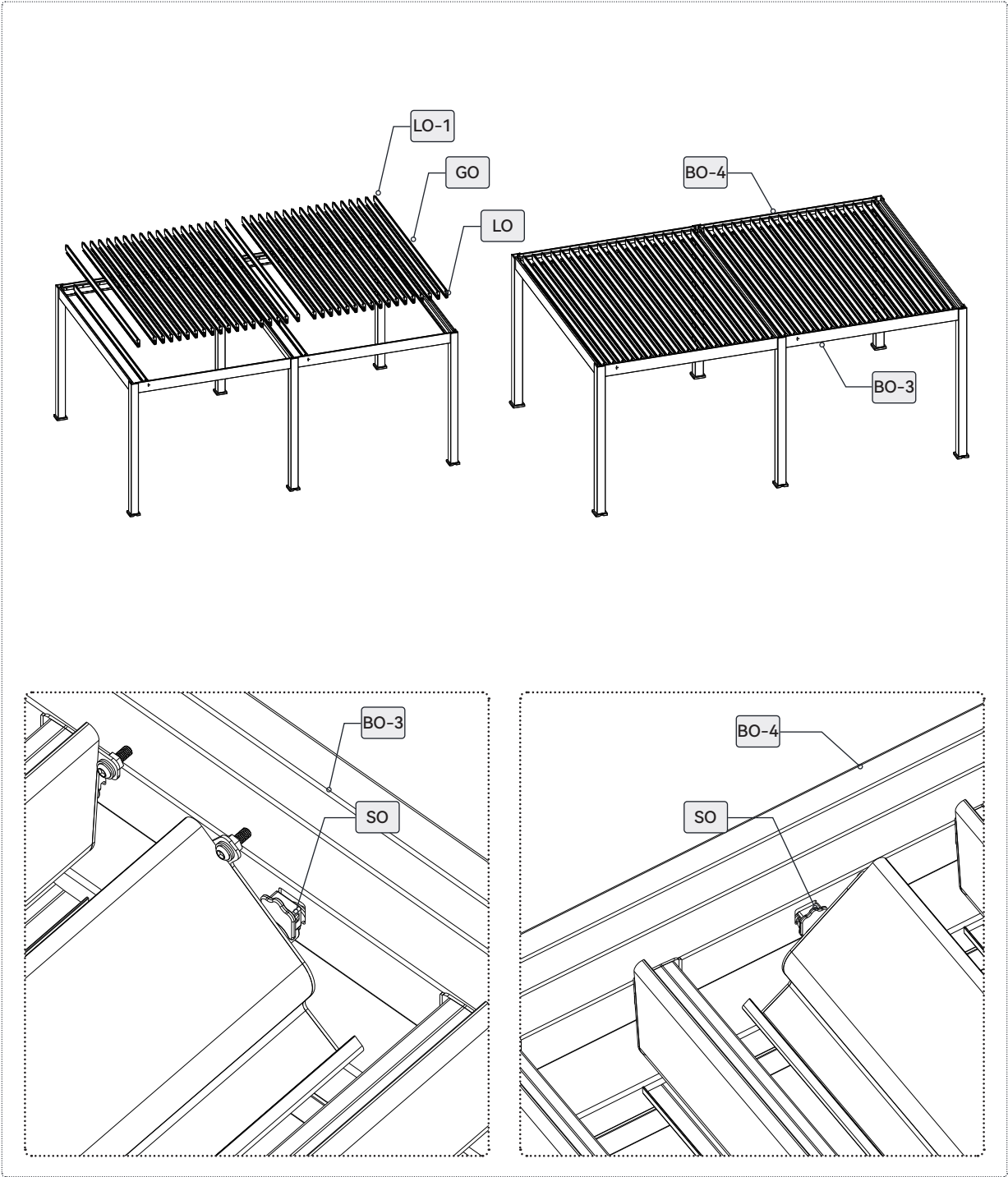


1. Install the louvres with spindles first.
2. Placing one end completely into the hole cut in the beam, and then insert the other end.



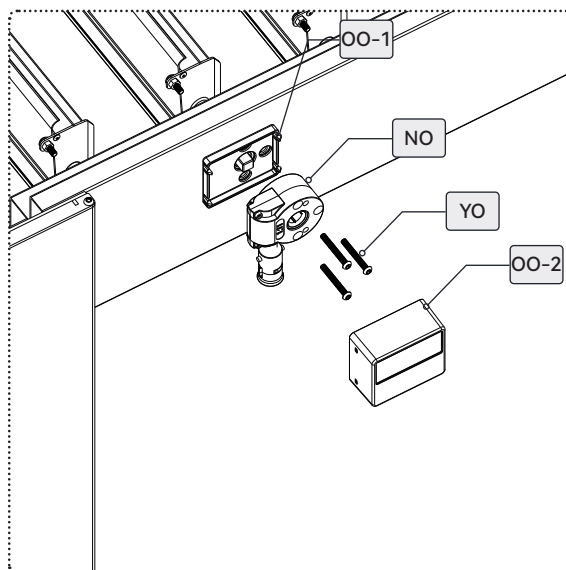
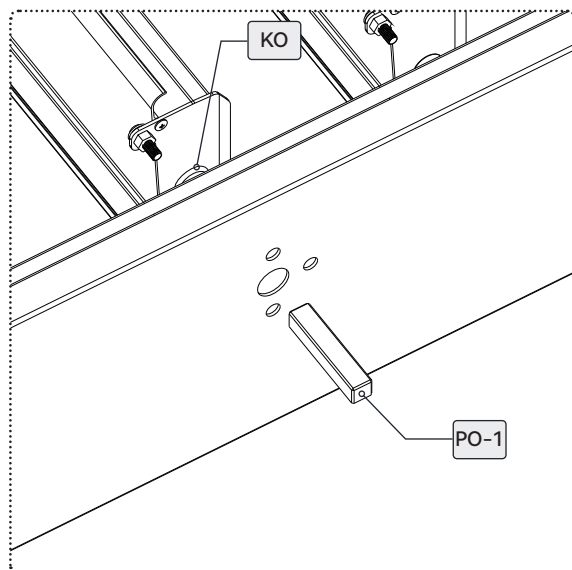
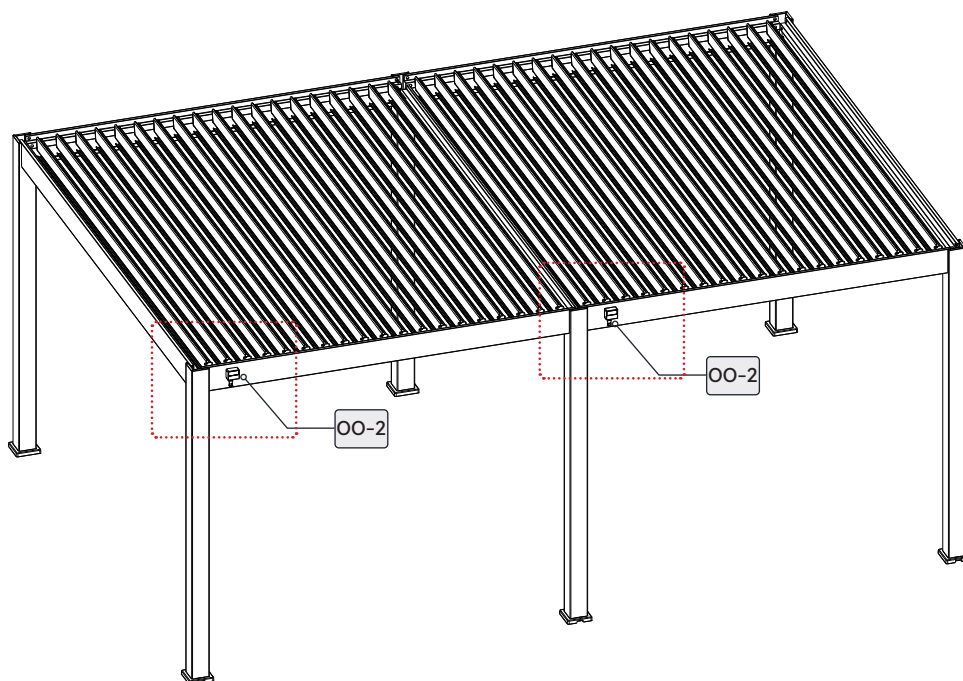
Put in the other louvers and seal the end caps

SO		76
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1. Locate the openings on the outside of the main beam.
2. Attach the holes of the connectors to the spindle.
3. Install the plastic case and the gearbox.

ZO-1	 4mm
ZO-2	 4mm

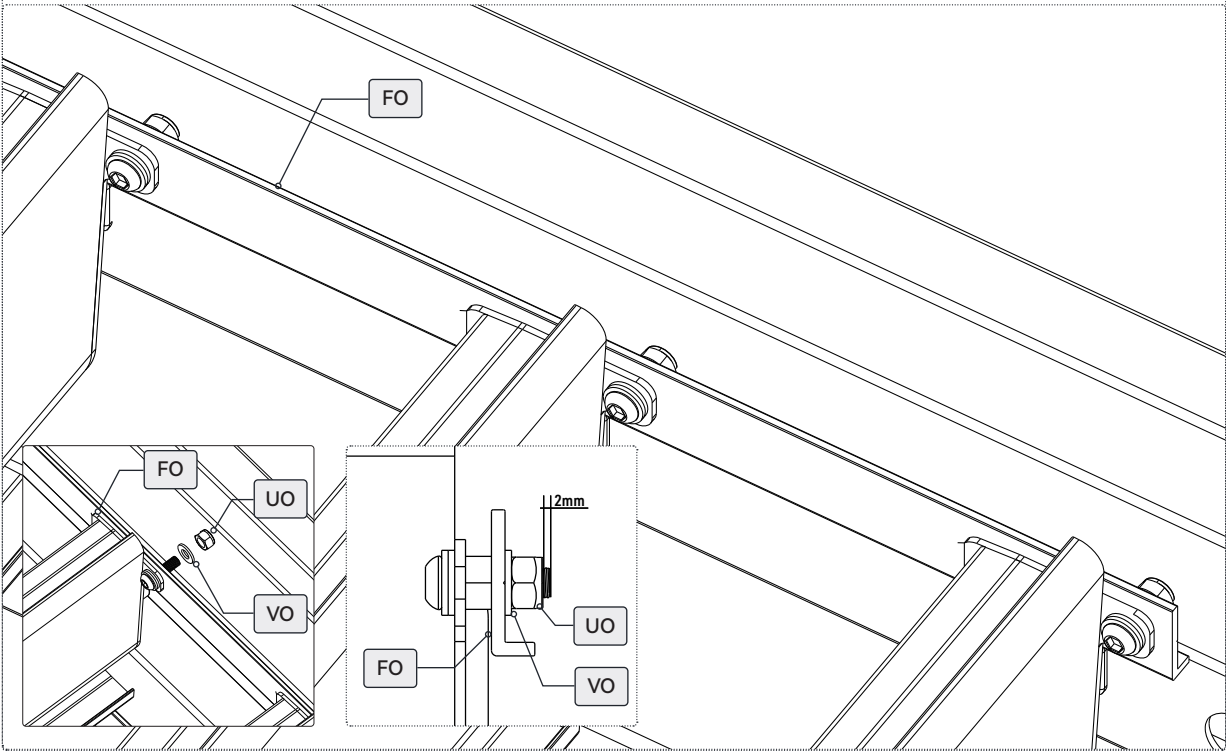
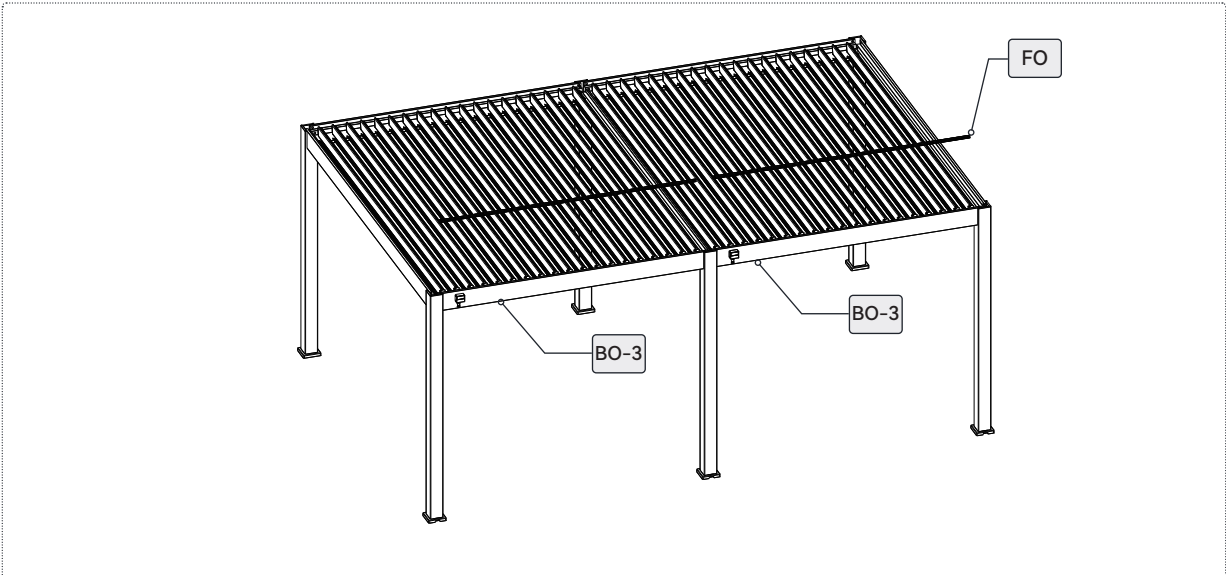


Complete the connection of the connecting bar.

FO		2
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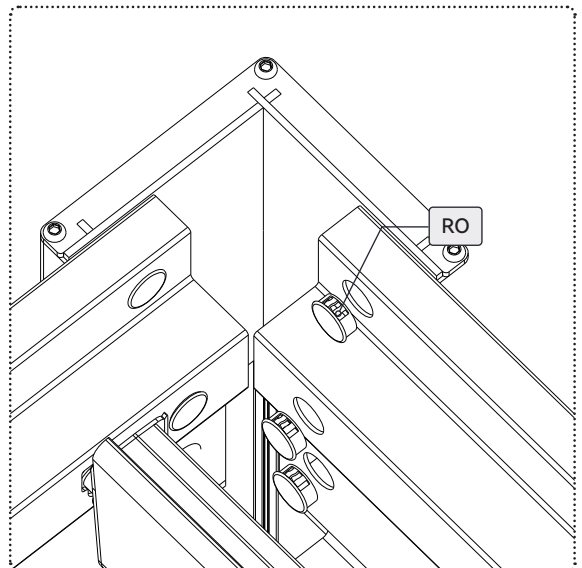
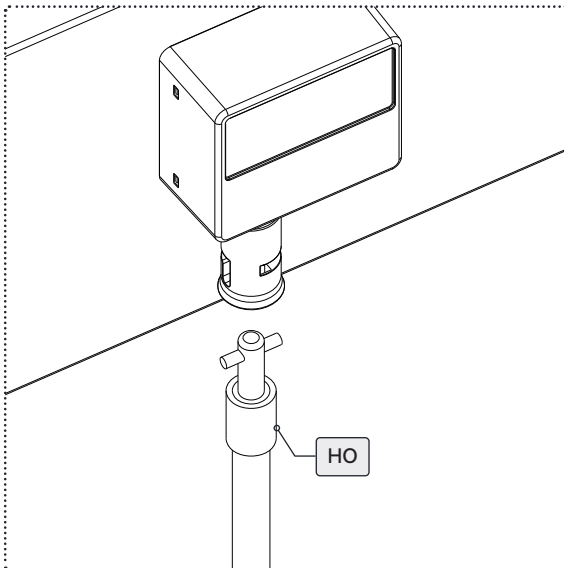
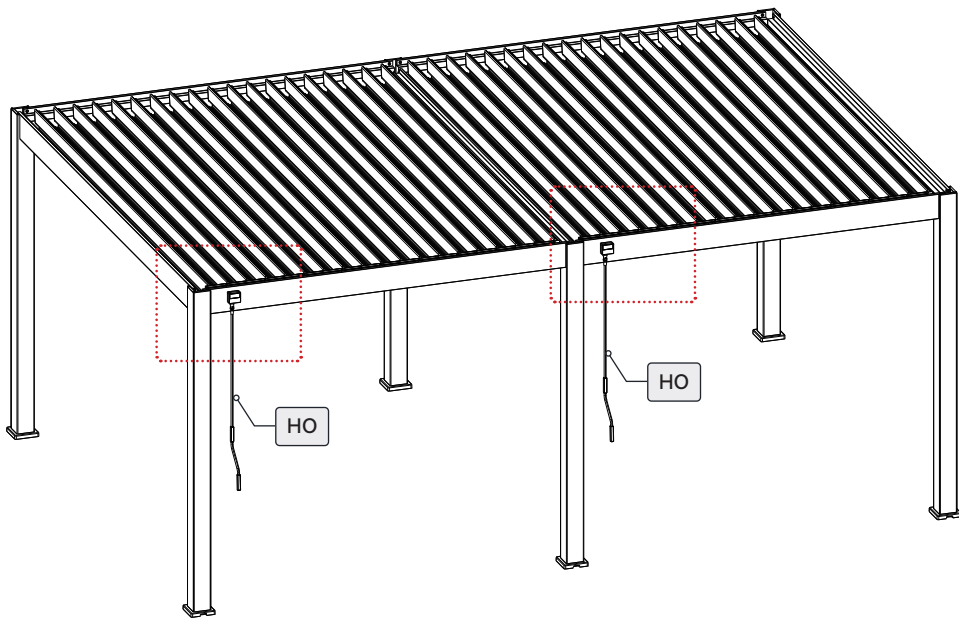
UO		38
VO		38

ZO-1		4mm
ZO-2		4mm
ZO-5		10mm



1. Install the crank as the diagram shows, and then rotate the crank to check the opening and closing of louvers.
2. Use the plastic cover to cover the screw holes where the beam is connected to the column.

HO		2	RO		36
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1. Check the dimensions as the diagram shows.
2. Move the bottom of the columns according to the dimensions in the diagram
3. Use a 12mm impact drill bit to guide the holes, then assemble the expansion screws and tighten them with a M17 spanner.

TO	 10x80	24
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