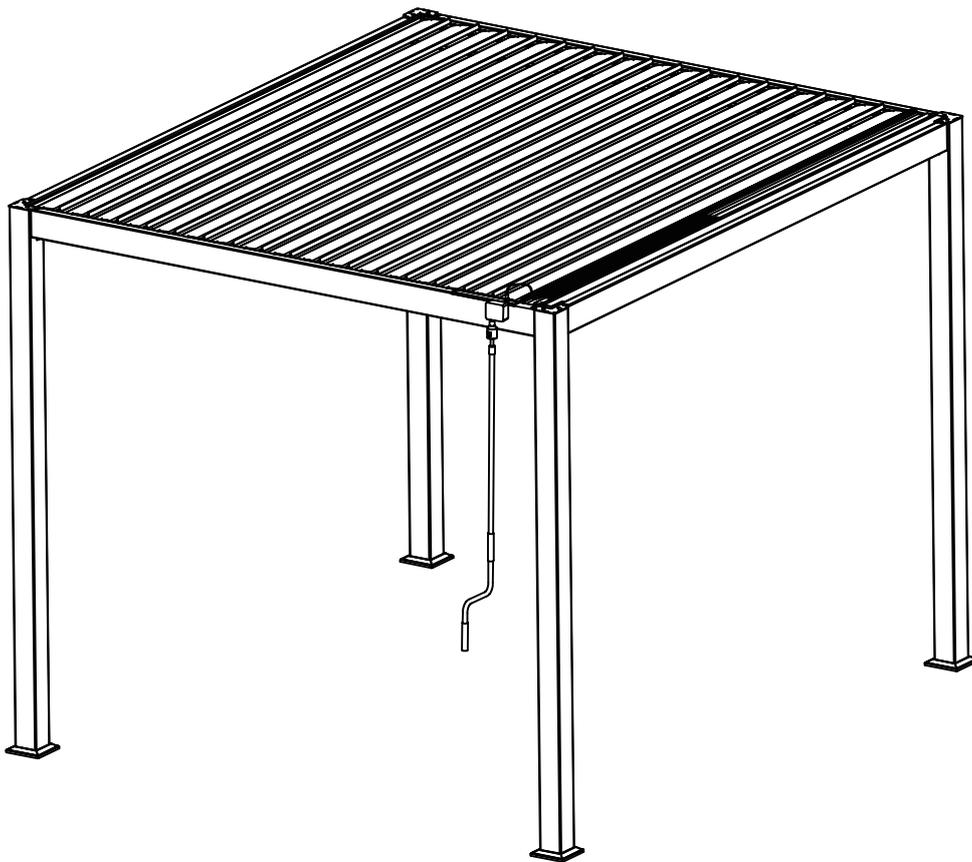




**ROYALCRAFT LUXE 3X3M PERGOLA W/
SOLAR LED LIGHTS**



**PLEASE KEEP THESE
INSTRUCTIONS
FOR FUTURE REFERENCE**

ASSEMBLY VIDEO

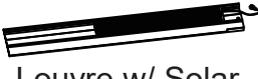


COMPONENTS, FIXTURES AND FITTINGS PER BOX

Parts List – Box 1

Part No.	Diagram	Qty.	Part No.	Diagram	Qty.
A	 Post	3 PCS	B	 Post w/ Switch	1 PC

Parts List – Box 2

Part No.	Diagram	Qty.	Part No.	Diagram	Qty.
C	 Front Beam	1 PC	D	 Back Beam	1 PC
G	 Side Beam	2 PCS	J	 Louvre w/ Solar Panel	1 PC
R	 Crank Handle	1 PC			

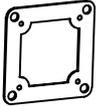
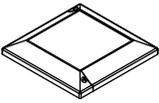
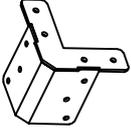
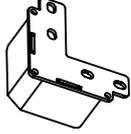
Parts List – Box 3

Part No.	Diagram	Qty.	Part No.	Diagram	Qty.
I	 Louvre	10 PCS			

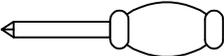
Parts List – Box 4

Part No.	Diagram	Qty.	Part No.	Diagram	Qty.
I	 Louvre	10 PCS			

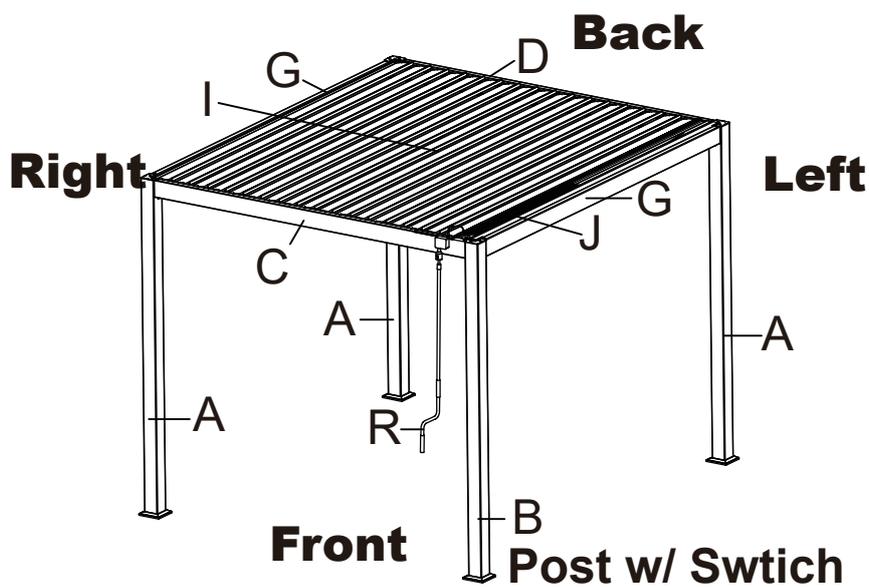
Parts List – Box 5

Part No.	Diagram	Qty.	Part No.	Diagram	Qty.
XA	 Post Base	4 PCS	XB	 Post Base Cover	4 PCS
XC	 Beam Bracket	4 PCS	XD	 Post Bracket	4 PCS
EB	 M8*100 Expansion Bolt	16 PCS	XH	 Rotating Ring	1 PC
TP	 Bottle of Touch Up Paint (in Box 5)	1 PC	SL	 Spirit Level	1 PC

Assembly Instructions

M518	 M5*18mm Bolt	28 PCS	M525	 M5*25mm Bolt & Nut	1 PC
M615	 M6*15mm Bolt	2 PCS	M820	 M8*20mm Bolt	40 PCS
M845	 M8*45mm Bolt	8 PCS	ST408	 Self-Taping Screw M4*08mm	40 PCS
SD	 Screw-Driver	1 PC	SE	 M5/8 Spanner	1 PC M5 1 PC M8
AK5	 Allen Key 5mm	1 PC	AK6	 Allen Key 6mm	1 PC
AK8	 Allen Key 8mm	1 PC	F2	 Space Plate	1 SET 1PC 2mm 1PC 3mm 1PC 5mm

Let's define the direction as per below diagram.



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ASSEMBLY INSTRUCTIONS

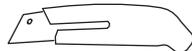
Before you start:

- Read through this manual before you start assembly.
- Ensure you have all the parts listed in this manual, do not dispose of packaging until you have checked all parts.
- Ensure all parts are placed on a soft surface to prevent damage.
- Take care when lifting heavy/long parts.
- Keep small parts and tools out of the reach of children.
- It is of vital importance that your pergola is assembled in its desired location.
- It is vital your pergola is assembled on a solid level base.
- We advise the following equipment to be available which is not provided:

Extra Tools you may need(Not provided)



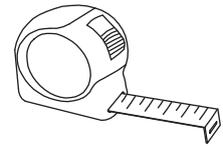
Gloves



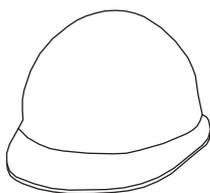
Knife



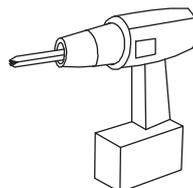
Hammer



Tape measure



Safety Hat



Electric Screw Driver



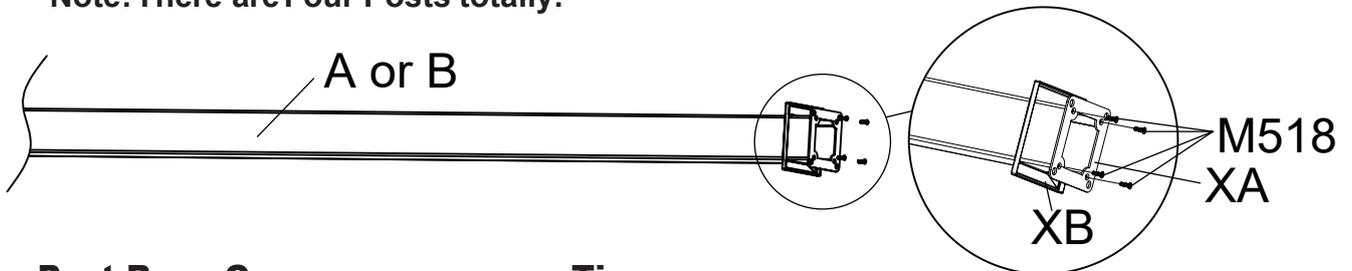
Ladder

STEP BY STEP ASSEMBLY INSTRUCTIONS

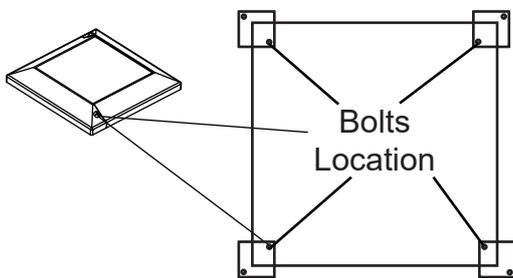
Step One

Attach the Post Base Cover (XB) and Post Base (XA) to the Posts (A), and Post w/ Switch (B) using Bolts (M518).

Note: There are Four Posts totally.



Post Base Cover

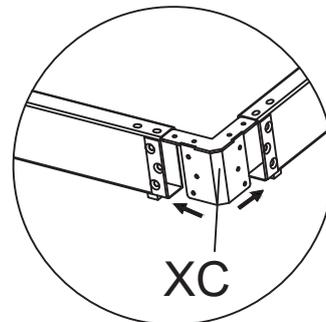
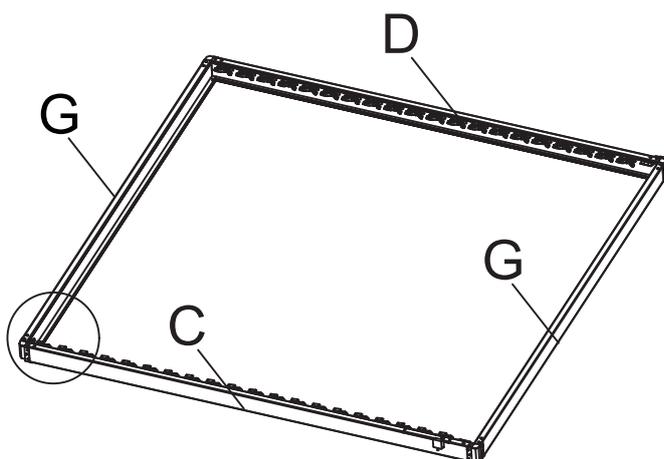


Tips:

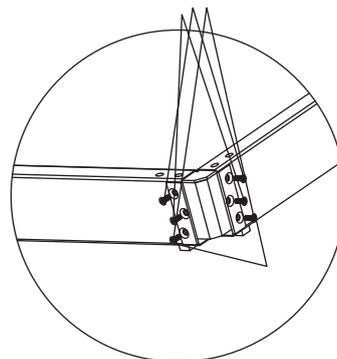
Please make sure the Post Base Cover (XB) for Posts (A & B) is assembled in Correct Direction. Please be noted the Bolts Location should face the Center of the Pergola. This step should be rechecked before the assembly of the Privacy Screens(Optional Parts).

Step Two

Attach Front Beam (C), Back Beam (D) and Side Beams (G) together using Beam Brackets (XC) and Bolts (M820).



M820

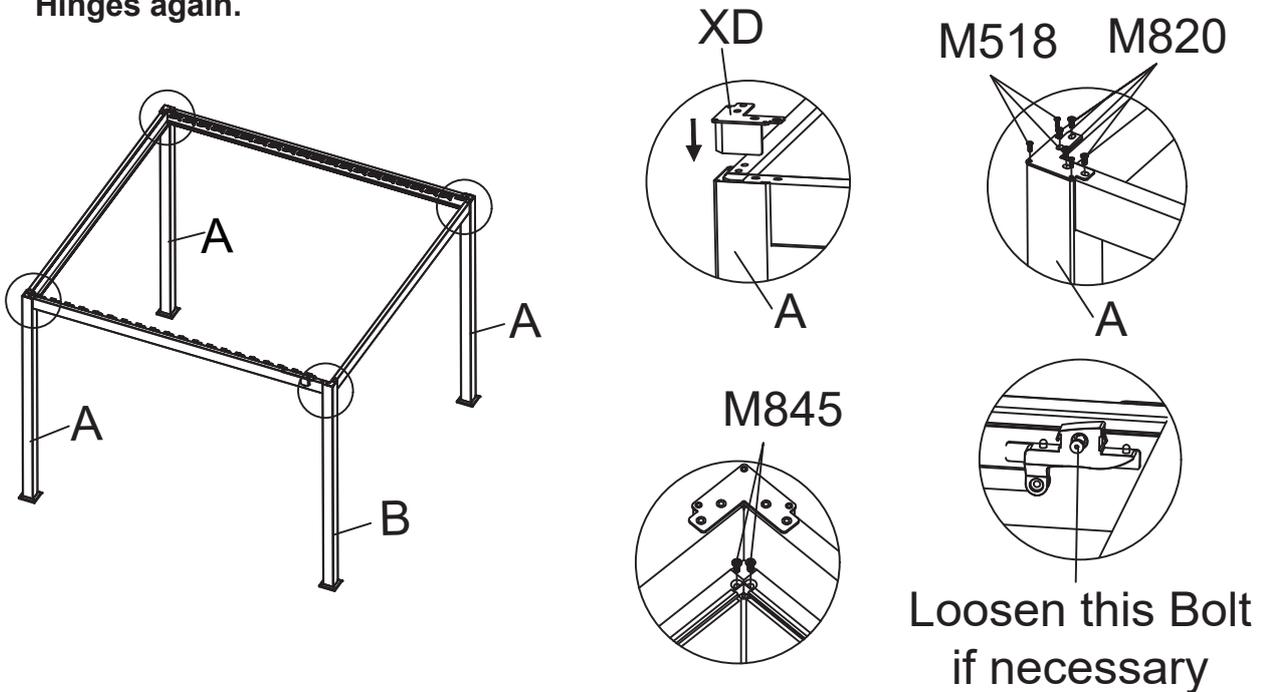


Step Three

Attach the Posts (A) and Post w/ Switch (B) to the Ends of the Beams using Post Brackets (XD), Bolts (M518), Bolts (M820) and Bolts (M845).

Please note the different location of the different bolts. Check carefully!

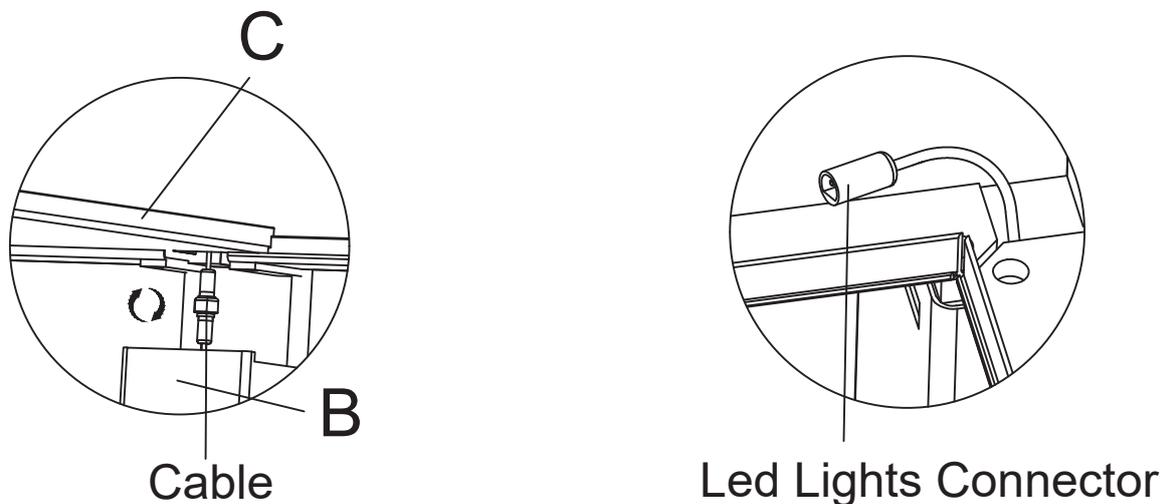
Tip: If there is Difficult of assembly of Bolts (M845), please loosen the Bolt of Plastic Hinges and create room for the assembly of Bolts (M845), then tighten the Plastic Hinges again.



Step Four

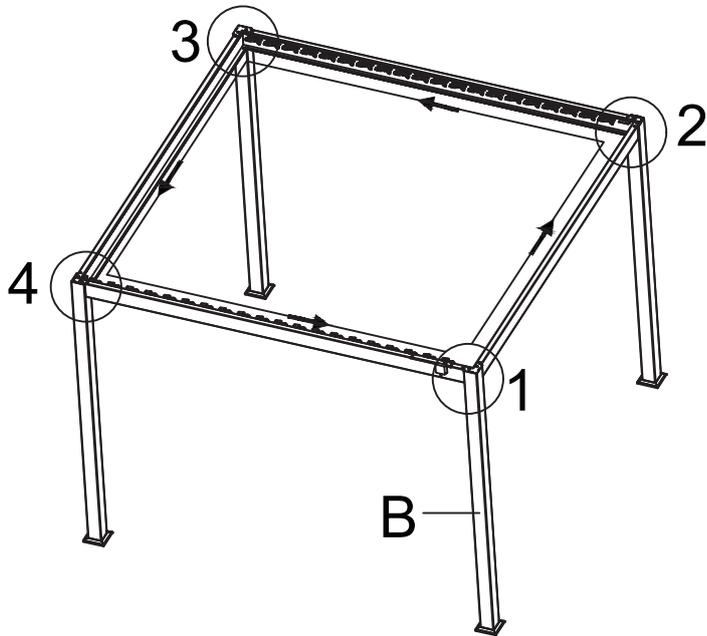
Connect the Power Cable (Male and Female Connector) between the Post w/ Switch (B) and Front Beam (C).

Pull out the Led Lights Connector and get ready for connection in the next step.



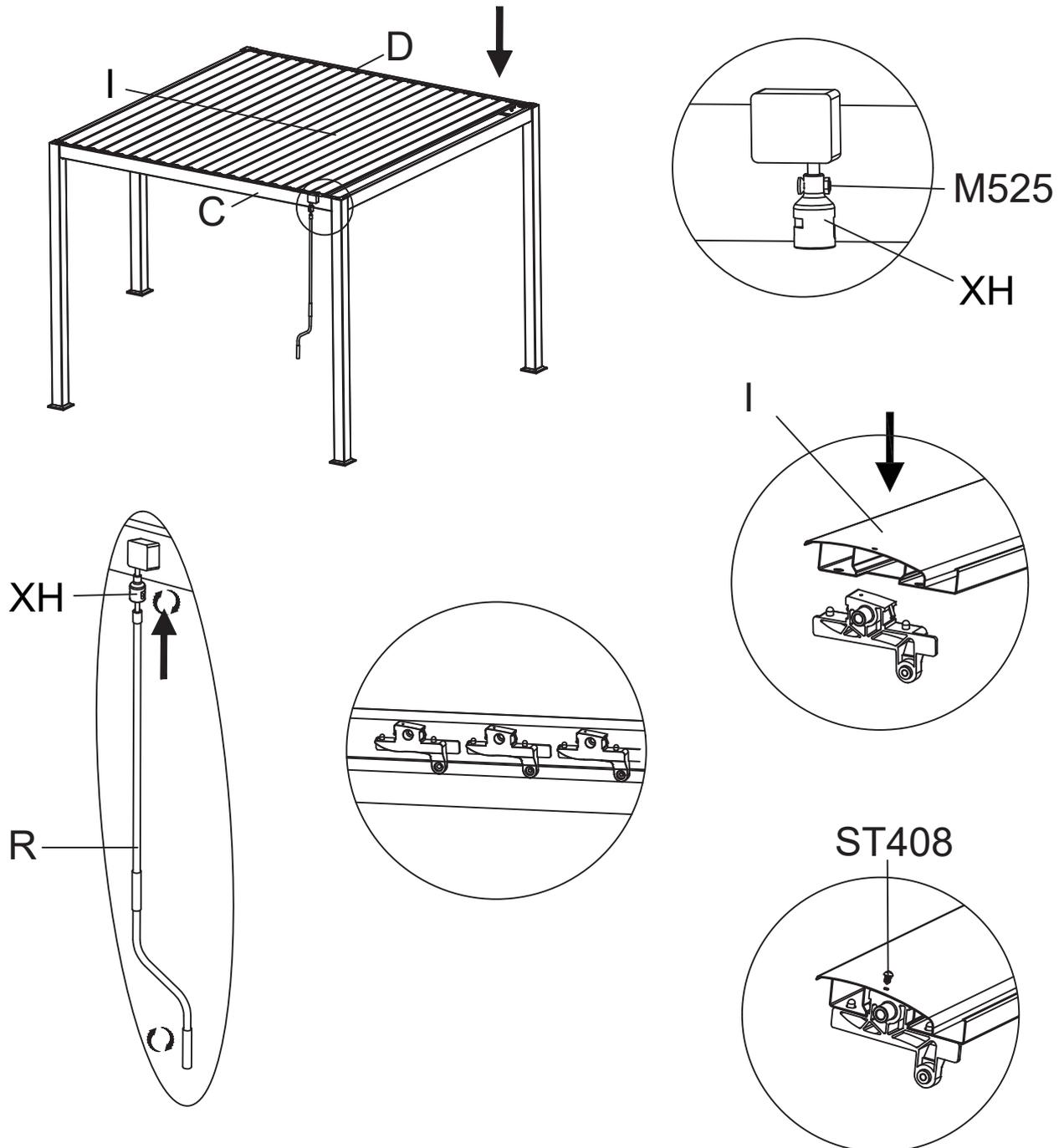
Step Five

Connect the Lights Connector in sequence as per the Diagram.
Starts from the Post w/ Switch (B) and Side Beam (G).



Step Six

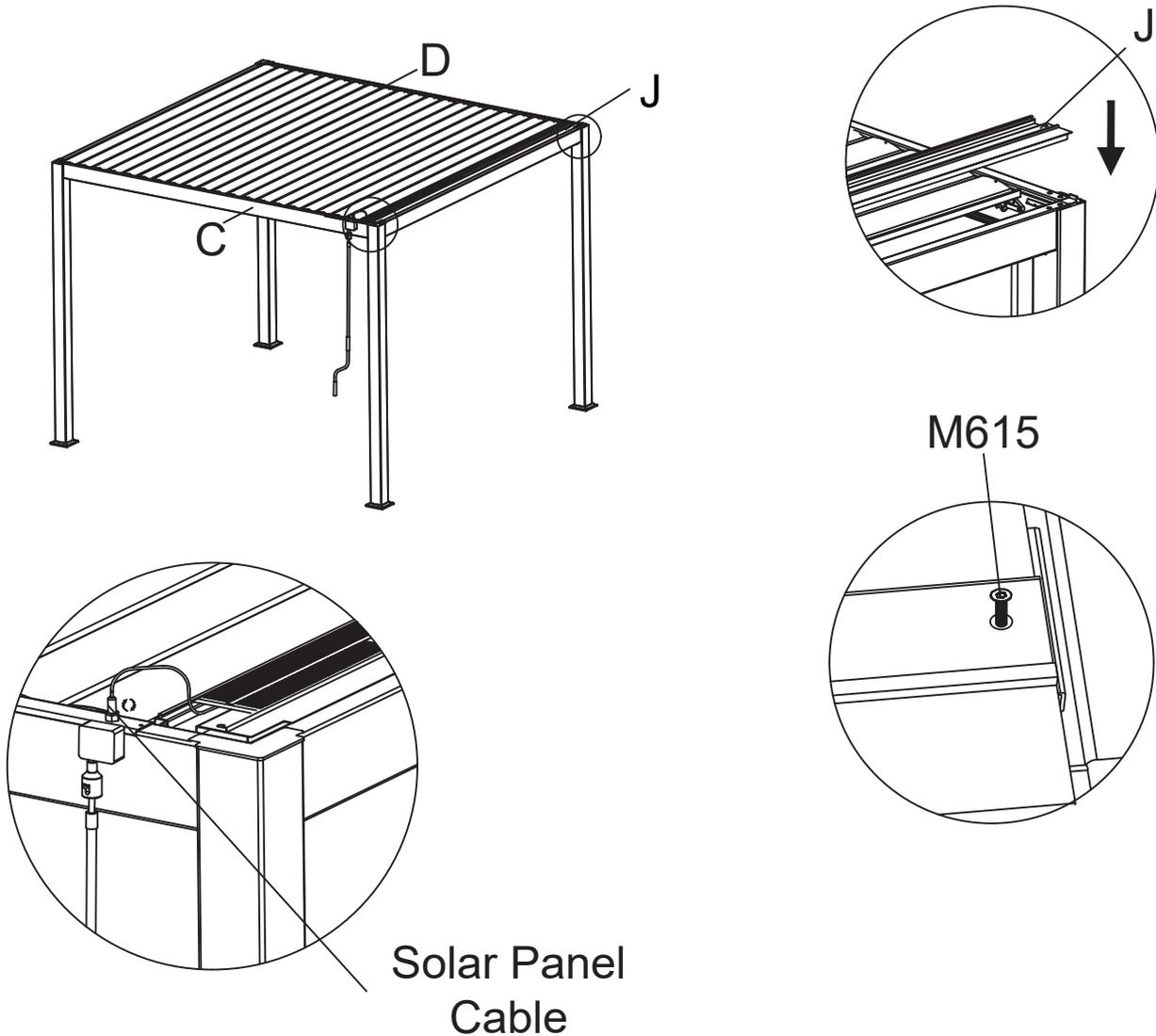
- 1) Attach the Rotating Ring (XH) to the Manual Motor using Bolts & Nuts (M525).
- 2) Hang safely the Crank Handle (R) to Rotating Rings (XH).
- 3) Before the assembly of the Louvres, please use Crank Handle (R) to rotate the Motor and make the Plastic Hinges in Level Position.
- 4) Attach the Louvers (I) to the Front Beam (C) & Back Beam (D) using Self-Taping Screws (ST408).



Step Seven

Attach the Louvre w/ Solar Panel (J) to the Front Beam (C) and Back Beam (D) using Bolts (M615).

Connect the Cable of Solar Panel to the Cable Connector pre-equipped in the Front Beam (C).



Step Eight

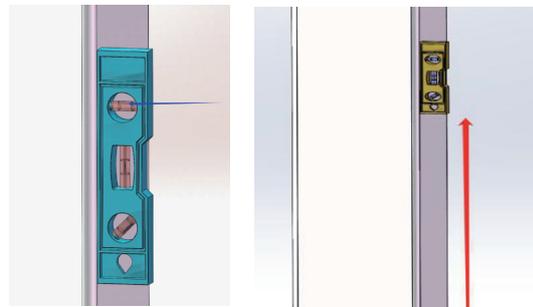
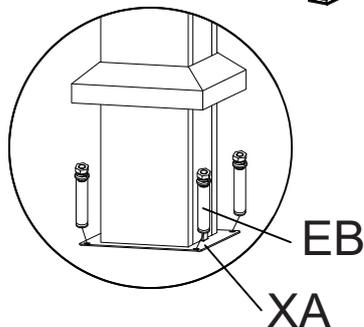
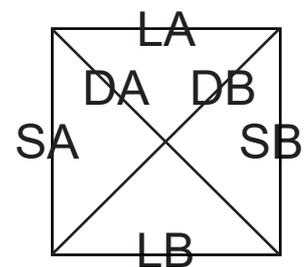
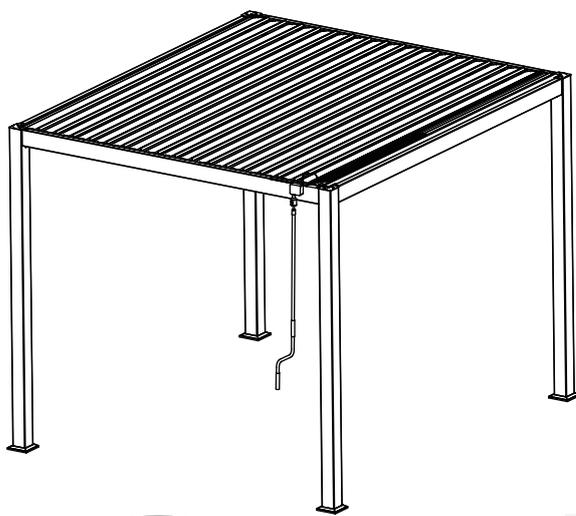
Pergola needs to be installed with the louvres following the incline of the patio to aid drainage.

Space Plates (F2) are provided to create this incline should your patio be perfectly level. The Pergola should be secured on the Concrete Ground by Expansion Bolts (EB).

Note: Before locate the Expansion Bolts, please make sure the Distance between the Diagonal Posts is the same. As this is an import guarantee for the correct assembly of the Privacy Screens (Optional Parts) in the later step.

Please make sure the upper width is equal to bottom width between the Posts, namely $DA=DB$; $LA=LB$; $SA=SB$;

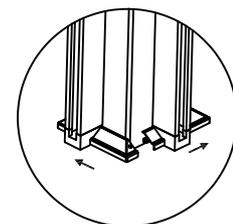
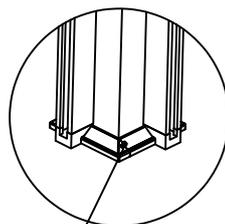
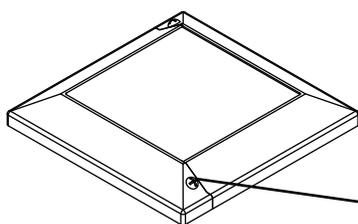
Use the Spirit Level (SL) with height of 1.4 Meter above the ground to make sure the Posts are vertically placed.



Tips:

Place Space Plates (F2) under the Leg Base to create the ideal incline before Securing the Expansion Bolts (EB).

Once the Privacy Screens have been assembled and you want to further add Space Plates (F2), please loosen the Screws (detach the Base Cover) like below and re-assemble the Base Cover when the Space Plates are added.



Loosen the screws

Step by step Use Instructions

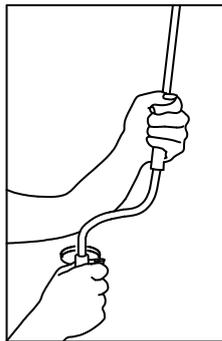
To Open and Close the Louvre Roof

1. Manual Operation for Opening and Closing the Louvre Roof.

- 1) Use Crank Handle (R) to rotate the Rotating Ring (XH) Counter-Clockwise to Open.
- 2) Close the Louvre Roof by Opposite direction.

Do Not Over Rotate!

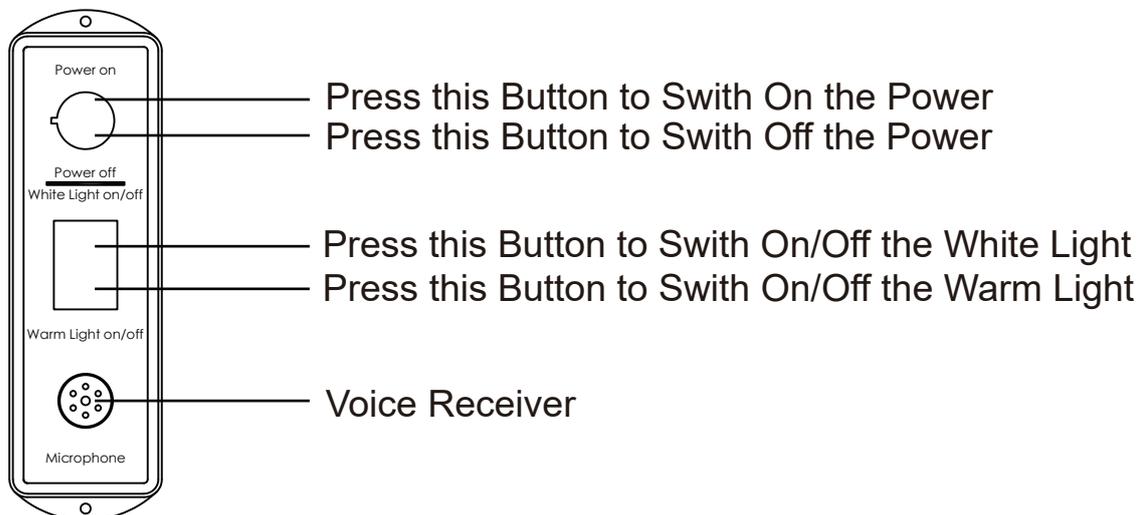
Note: The Louvre Roof can be stopped at any angle.



To Switch On and Switch Off the Led Lights:

1. Switch Use Instruction for Switching On and Switching Off the Led Lights

Just press the Button to switch on or switch off the Led Lights.



2. Voice Control for Switching On and Switching Off the Led Lights

There are two colors of the Led Lights, they can be voice-activated.

Just use English words listed below to control the Led Lights.

- 1) Switch on the White Light;
- 2) Switch on the Warm Light;
- 3) Switch off the Light;

AFTERCARE

- Check and clear drainage channels regularly of any debris to ensure rainwater can continue to flow.
- Do not place objects on top of roof louvres.
- Use a soft nonabrasive cloth with warm soapy water to wipe clean any surfaces.
- Use a soft cloth with warm water to wipe solar panels occasionally to maintain maximum performance.
- A small bottle of Touch-Up Paint is provided which can be used for repairing small damaged area.

If you have any queries with regards to this product, please contact us at:

info@royalcraft.co.uk

This pergola is not fully rainproof. During periods of heavy rain, we recommend protecting any furniture placed underneath by using a rainproof furniture cover or storing the cushions in a waterproof storage box.

Need furniture to go under your pergola?

Visit www.royalcraft.co.uk for a wide range of garden furniture to suit.

