Hespéride®

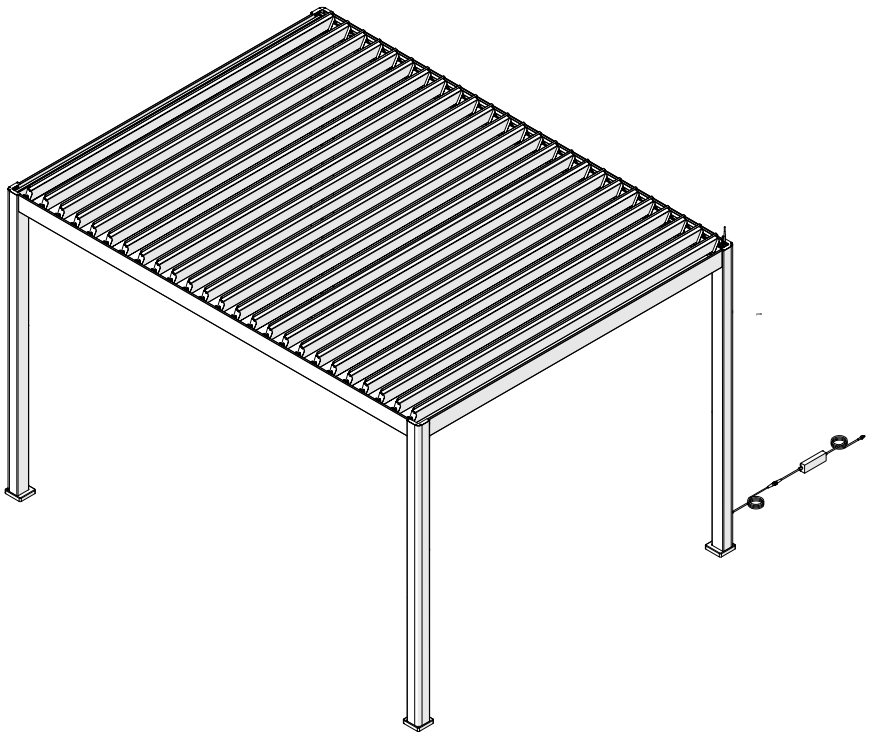
PERGOLA ÉLECTRIQUE / ELECTRICAL PERGOLA

EVORA

4x3m

210654 MOD

Manual d'instructions
Instructions Manual



FR
Les équipements électriques et électroniques, leurs accessoires, piles, batteries et cordons se recyclent
À DÉPOSER EN MAGASIN
OU
À DÉPOSER EN DÉCHÈTERIE
Points de collecte sur www.quefairedemesdechets.fr
Privilégiez la réparation ou le don de votre appareil !

FR
DONNEZ OU RECYCLEZ
ASSOCIATION OU MAGASIN OU DÉCHÈTERIE
Adresses sur quefairedemesdechets.fr

3-4H'

6

Hespéride®

Video d'installation / Installation Video / vídeo de instalação
vídeo de instalación / Installationsvideo / installatievideo / video di installazione
видео установки / film instalacyjny

ES :
Escanea el código QR
para ver el manual
de instrucciones

PT :
Escaneie o código QR para
visualizar o seu manual
de instruções.

DE :
Scannen Sie den QR-Code,
um Ihr Handbuch einzusehen

IT :
Scansiona il codice QR
per visualizzare il manuale
di istruzioni

NL :
Scan de QR-code om
je handleiding te bekijken

RU :
Сканируйте QR-код,
чтобы просмотрет
инструкцию по
эксплуатации

PL :
Zeskanuj kod QR,
aby wyświetlić instrukcję
obsługi

HE :
QR-ניתן לסרוק את קוד ה
כדי לצפות במדריך למשת

Thank you for purchasing our Pergola!



This manual will provide you with clear and detailed instructions on how to safely and correctly assemble and maintain your pergola, to ensure it brings you many years of use and enjoyment.

IMPORTANT: RETAIN FOR FUTURE REFERENCE: READ CAREFULLY
Warning: Important safety instructions. It is important for the safety of persons to follow these instructions. Please keep these instructions in a safe place.

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervison.

Intended use
This pergola is intended for outdoor domestic use in residential environments, and to protect users from direct sunlight, glare and heat.

Any use or modification to the pergola not included in this manual shall be considered as improper use, which may cause considerable danger to users and property and will void the product warranty.

Digital instruction manual is also available on our official website **www.hesperide.com** for your reference.

Instruction Manual Version: 25v1.0
Date of Release: 7. Aug. 2025

Hespéride®

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Before Assembling Your Pergola

WARNING: Improtant safety instructions. Follow all instructions, since incorrect assembly can lead to severe injury.

Make sure you have all the tools required for assembling your pergola

In order to assemble your pergola safely and correctly, please ensure you have access to the following tools and accessories, all of which are not provided.



Hard hat



Protective gloves



Phillips screwdriver



Tape measure



Leveler



Cordless screwdriver



Hexagonal spanner/ wrench set



Hammer drill



Hammer



2 Stepladders

Check to ensure there are no missing parts

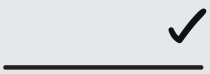
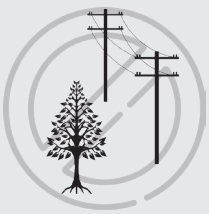
Before you begin assembly, please check that you have all the parts required to assemble your e-Motion. Please also carefully check that the quantity of parts matches with that of the model you have purchased.

If any parts are missing, please contact customer service before beginning the assembly.

Prepare the parts you will need for each step

In the **Assembly** section of the manual, each step indicates the necessary parts and quantities required to complete the step. We recommend that you prepare the parts you will need for each assembly step. Doing this will save you time and effort during assembly. If possible, place the parts on cardboard or other soft surface to protect from scratching the painted surfaces.

Select a suitable location:

The ground should be solid and flat	The ground should be level	Sufficient water drainage	Easy access to power	No overhanging trees and powerlines
				
				

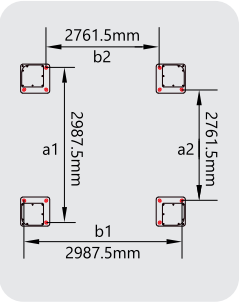
Warning:
Most terraces or patios are designed with a slight slope to prevent (rain) water from forming pools or reaching the house or other structures. For the perfect pergola installation, a level surface without such a slope is required. Small pebbles could also prevent the pergola from being safely secured on the ground.

If the pergola is installed on an uneven surface, it may prevent accessory components from working correctly and may void the product warranty. Additional adjustment of the pillar heights would also be necessary.

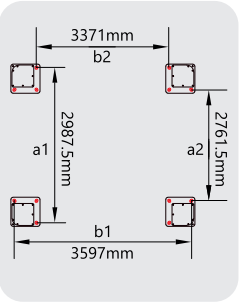
Prepare a foundation:
o prepare it, you need to:
- check for underground pipes and cables (Call 811 before you dig if you live in the USA)
- check with your local authorities regarding any building permits that may be required
- contact a reliable contractor to install a concrete base if you don't have one

Do not assemble the pergola on sandy, muddy or loose soil, as the stakes do not have the sufficient anchorage to be installed in these types of soil.

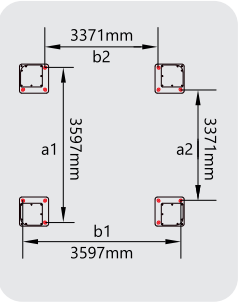
Construction drawing:



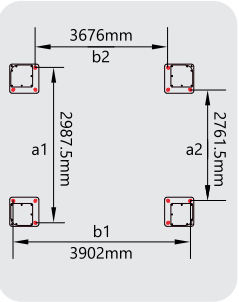
3 x 3 m
10 x 10 ft.



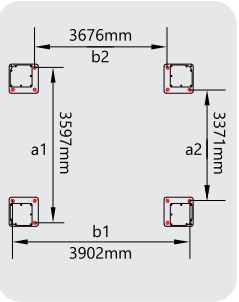
3 x 3.6 m
10 x 12 ft.



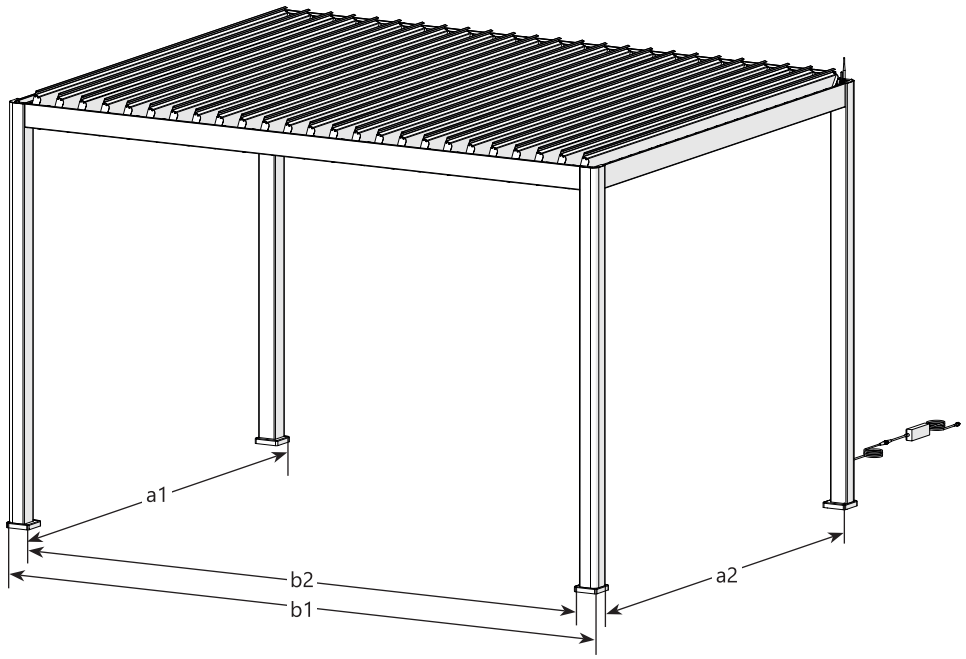
3.6 x 3.6 m
12 x 12 ft.



3 x 4 m
10 x 13 ft.

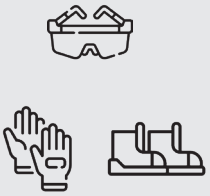


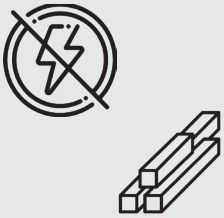
3.6 x 4 m
12 x 13 ft.

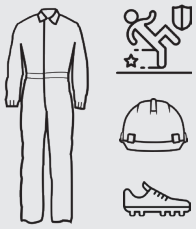


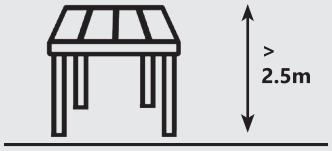
Important Safety Advice

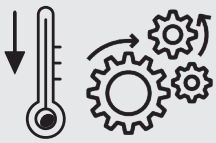
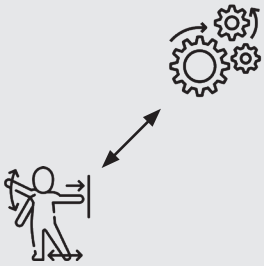
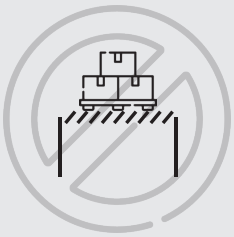
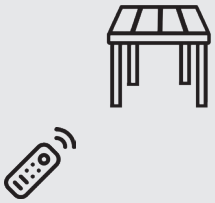
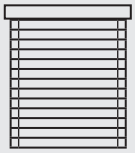
For the safety of all persons assembling and using the pergola, it is important to follow the safety guidelines below.

The pergola must be positioned and fixed on flat level surface.	Dispose of all plastic bags safely. Keep them out of the reach of children.	Keep children and pets away from the assembly area until the work is completed.	Always wear appropriate work shoes, gloves and eye protection when working.
			

Work well away from power lines, particularly when handling metal parts.	Do not attempt to assemble the pergola in windy or wet conditions.	If using power tools or a ladder, always follow the manufacturer's safety instructions.	Hot items such as recently used grills, blowtorches etc. must not be stored under or close to the pergola.
			

Make sure the pergola complies with local building regulatory codes.	Working at heights can be dangerous. Always wear protective clothing to prevent injury in the event of a fall.	Only use ladders and scaffolding with a sufficiently high load bearing capacity.	Do not climb on the louvers.
			

Before installing the drive, remove any unnecessary cords and disable any equipment not needed for powered operation.	If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.	Hazardous unprotected moving parts of the drive shall be installed higher than 2.5m above the floor or other level that could provide access to it.
		

Prior to each operation, visually check the pergola for damage. If damage is visible, stop using it immediately and contact authorized personnel to repair the damage.	Repeated open-close operations may cause the motor to enter overheat protection mode. It will resume normal operation once the temperature decreases.	Keep clothing and body parts away from the pergola to prevent them from getting caught in the moving parts.	Do not place anything on the louvers.
			
Hanging objects on the pergola may cause serious damage and is not permitted.	Foliage or other foreign objects on the louvers and in the guide rails should be removed regularly, to prevent damage to the pergola.	Put the louvers into the vertical position during snowfall or wind to avoid damage.	Do not start the roof mechanism in case of frost or ice build-up, as it may damage the drive of the louvers.
			
Only use replacement parts that are approved by the manufacturer.	Changes to the design or configuration of equipment may not be made without consulting the manufacturer or authorized representative.	Electrical Installation may only be carried out by certified personnel according to the applicable regulation. (e.g. VDE 100 for europe)	Make sure all electrical connections are disconnected from the mains during installation.
 ✓ Approved			
Do not allow children to contact the fixed controls. Keep remote controls away from children.	The pergola should only be remote controlled when you have a full view of the moving parts.	Installation of non-original branded accessories will void the product warranty and can damage the operating mechanism.	Electric pergolas should only be connected to power sources that have been installed by a licensed electrical contractor.
			

Technical Data

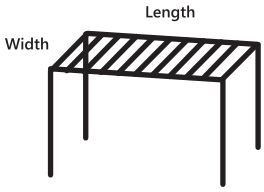
Pergola	Continuous Operating Cycle	10 cycles
	Sound Pressure Level	≤70 dB
	IP Rating	IPX5
	Wind Resistance	Class 6/ 9 BFT
Linear Actuator	Input Voltage	24V DC
	IP Rating	IP66
Control Box	Input Voltage	24V DC
	Output Voltage	24V DC
	IP Rating	IPX5
Light LED Strip	Input Voltage	24V DC
	Wattage Per Meter	11W
	IP Rating	IP68
Power supply	Input Voltage	110 to 240V
	IP Rating	IP67
	Maximum Power	350VA
Control	Control Method	Remote Control + App Control
	LTE Frequency band	B1, B3, B7, B8, B20, B28A, B38, B40
	LTE Max Transmit power	23dBm±2dBm
	GSM frequency band	EGSM900 and DCS1800
	GNSS	1559-1610MHz
	Remote control frequency band	2400MHz~2483MHz
	Remote control Max Transmit power	0dBm
Data Center	North America	West Coast: Oregon
		East Coast: Virginia
	Europe	Sweden
		Amsterdam
		Frankfurt

List of Parts

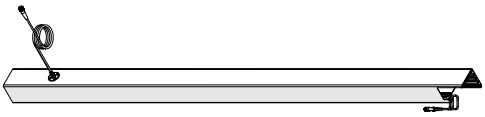
Please carefully check that the quantity of parts matches with that of the model you have purchased.

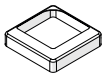
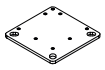
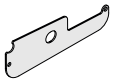
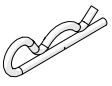
PLEASE NOTE that the anchor bolts provided may not be suitable for your chosen installation location. Please check before proceeding.

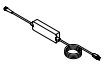
DO NOT USE AN IMPACT CORDLESS SCREWDRIVER TO ASSEMBLE THE PERGOLA. USE A STANDARD CORDLESS SCREWDRIVER ON THE BASE SETTING. ALL HOLES HAVE BEEN PREDRILLED OR FITTED FOR ASSEMBLY.



*Extra spare parts included

	REF	Part name	Length		
			3m/10ft.	3.6m/12ft.	4m/13ft.
A		Standard corner pillar	3	3	3
A2		Cabled corner pillar	1	1	1
B1		Side beam with motor	1	1	1
B2		Side beam without motor	1	1	1
C		End beam	2	2	2
D		Louver	19	23	25
G		Connecting strip	1	1	1

	REF	Part name	Length		
			3m 10ft.	3.6m 12ft.	4m 13t.
I		Corner foot plate cover	4	4	4
J		Foot plate	4	4	4
K		Louver end cap	37+2*	45+2*	49+1*
L		Louver end cap with control arm	1	1	1
M		Shaft support cover	38+2*	46+2*	50+2*
N		Corner pillar cover	4	4	4
O		Screw ST5.65x 45mm	28+2*	28+2*	28+2*
P		Screw M5x12mm	76+4*	92+5*	100+5*
Q		Screw ST4.2x 25mm	76+4*	92+5*	100+5*
R		Screw ST5.5x 19mm	16+2*	16+2*	16+2*
S		Cotter pin	19+3*	23+3*	25+4*

	REF	Part name	Length		
			3m 10ft.	3.6m 12ft.	4m 13t.
W		Anchor bolt M8x80mm	12	12	12
X		Hex key S4	1	1	1
Y		Hex key S6	2	2	2
Z		12mm SDS Plus Drill Bit	1	1	1
Z4		Power supply	1	1	1
Z5		LED light strip	2	2	2
Z6		Remote control	1	1	1
Z7		2.4G and 4G antenna	1	1	1
Z8		waterproof tape	1	1	1
Z9		Screw ST4.8x 13mm	4	4	4
Z10		Spare plastic pin	0+10*	0+10*	0+10*

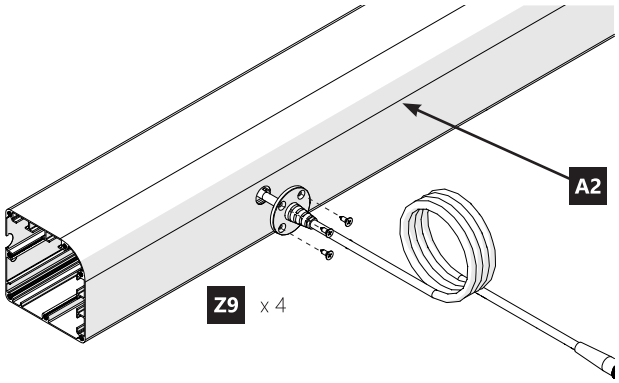
Assembly

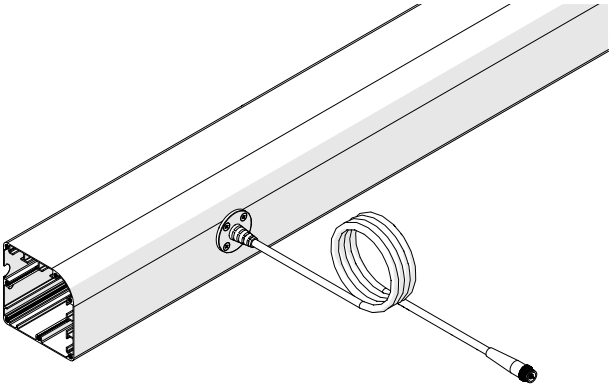
1. Set up the pillars

Assembly Video

1A

Fix the cable flange with screws **Z9** onto the cabled corner pillar **A2** , and make sure the cable is hanging outside.





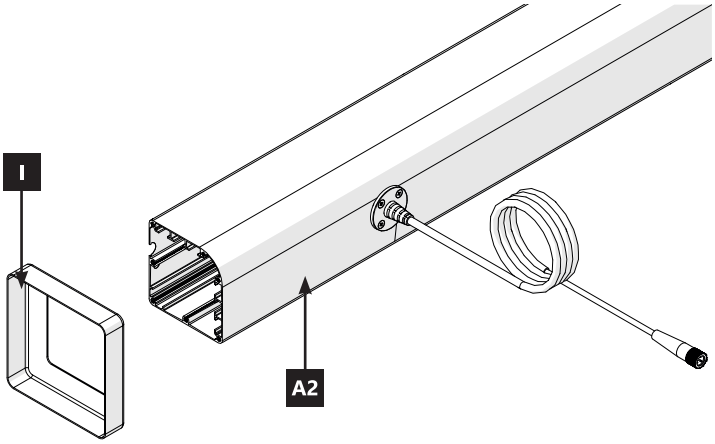
Z9 x 4



A2 x 1

1B

Slide the foot plate cover **I** with its wide opening facing outwards on the straight end of the cabled corner pillar **A2** .



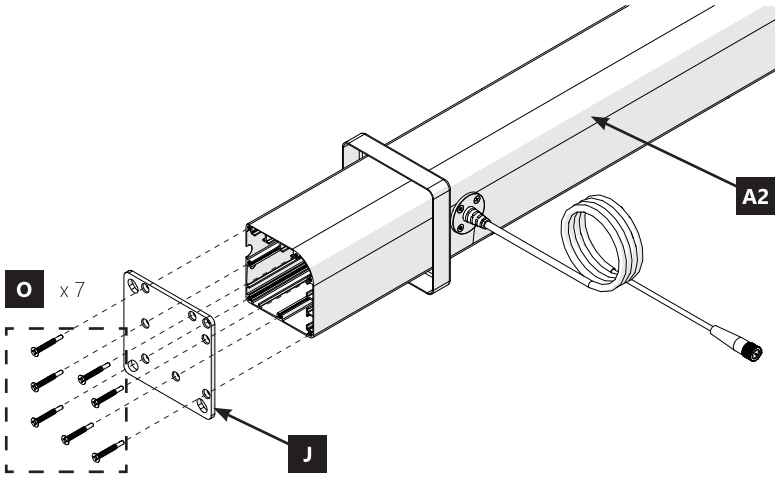
I x 1

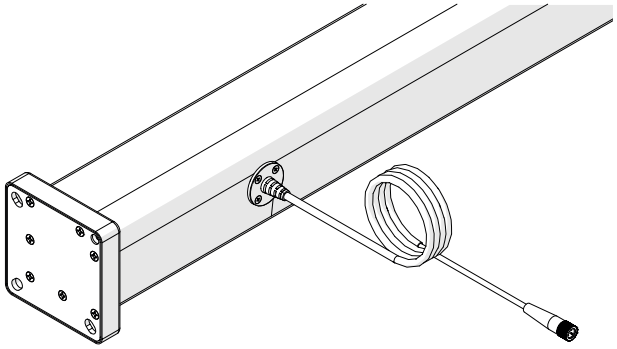


1C

Push the foot plate **J** against the straight end of the cabled corner pillar **A2** . It only fits in one direction and in one position. If in doubt, rotate it until it fits easily.

Screw in the foot plate **J** with 7 screws **O** .



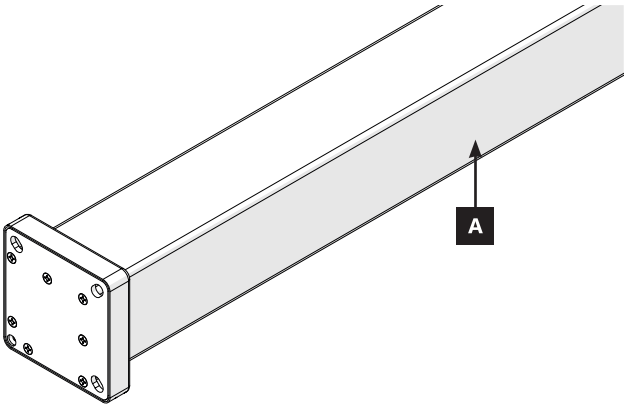


O x 7 **J** x 1

1D

Repeat steps **1B** – **1C** to assemble the foot plates **J** of the 3 standard corner pillar **A** .

x 3



I x 3

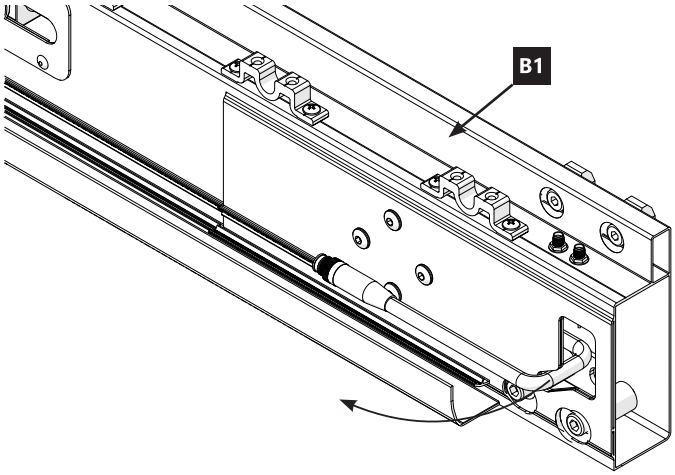
J x 3 **O** x 21

A x 3

2. Connect side beam to the corner pillars

2A

Pull out the cable at the end of the side beam with motor **B1** through the small cutout.

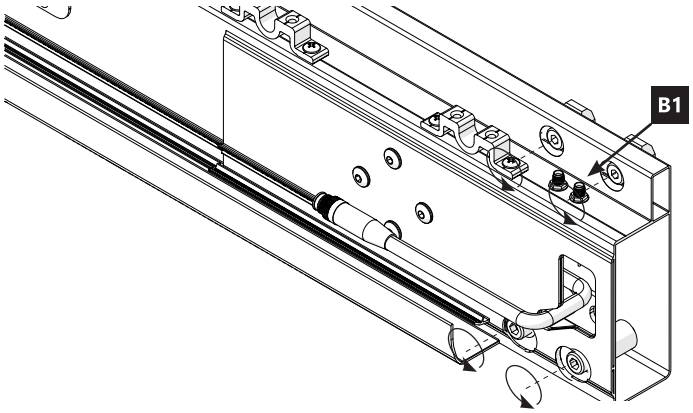


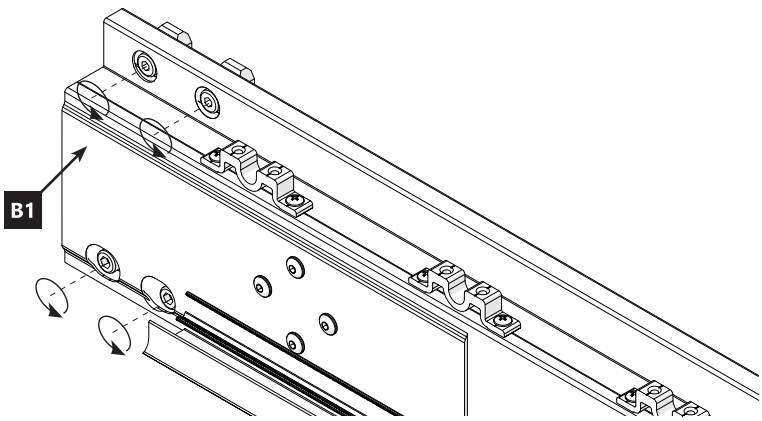
B1 x 1



2B

Using a hex key **Y**, slightly loosen the 4 built-in screws at the same end of the side beam with motor **B1**.





Y x 1

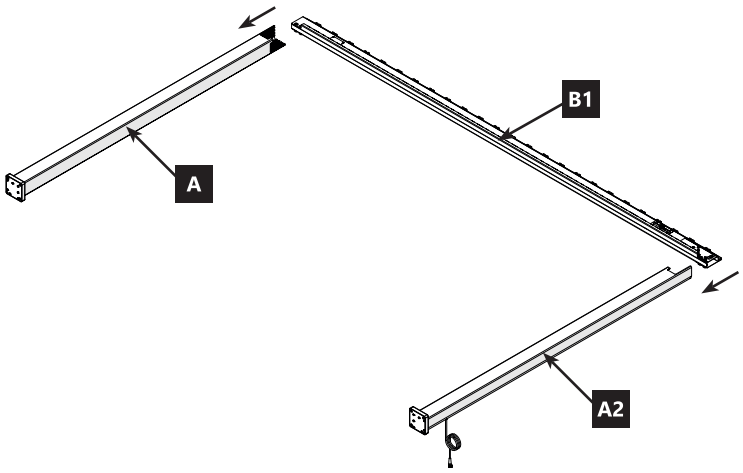


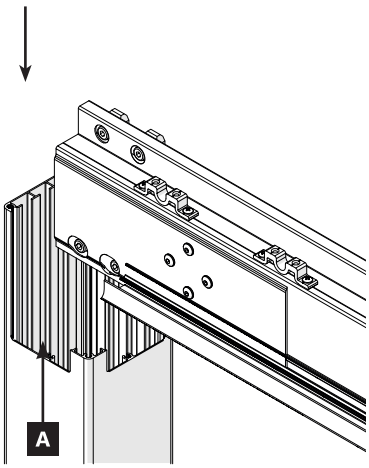
2C

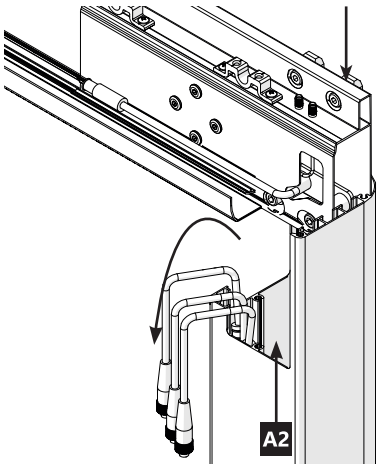
Lay the beam with motor **B1** and pillars **A** & **A2** on the ground as shown in the opposite figure.

Before inserting the beams, please ensure the ends of the corner cables are pulled outside of the corner pillar.

Slide the side beam with motor **B1** into the grooves of the cabled corner pillar **A2** in such a way that the slot nuts of the side beam with motor **B1** interlock with the slots in the cabled corner pillar **A2** .

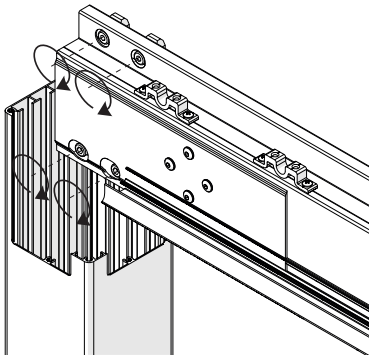


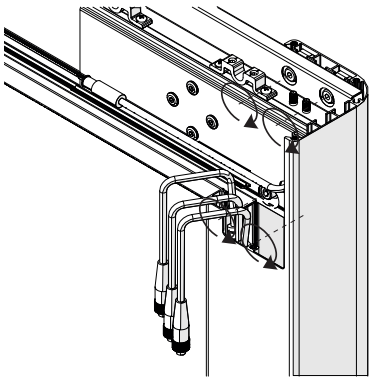


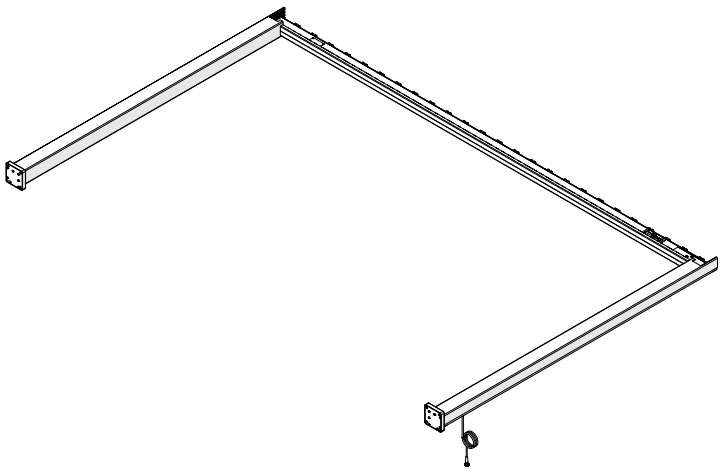


2D

Fix the side beam with motor **B1** tightly onto the cabled corner pillar **A2** with the four built-in screws, using the hex key **Y** provided.





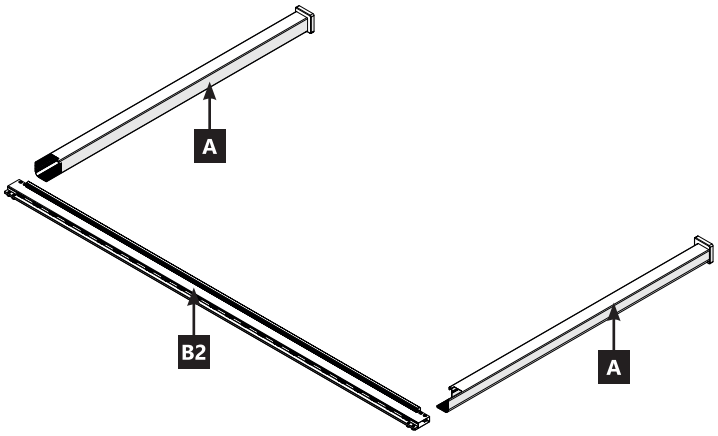


Y x 1



2E

Repeat steps 2B - 2D to connect the side beam without motor B2 with the remaining pillars A .



Y x 1



B2 x 1



A x 2



3. Slide in the two end beams

This phase requires 4 persons and at least 2 stepladders.
Make sure that the stepladders are standing securely to avoid falling.

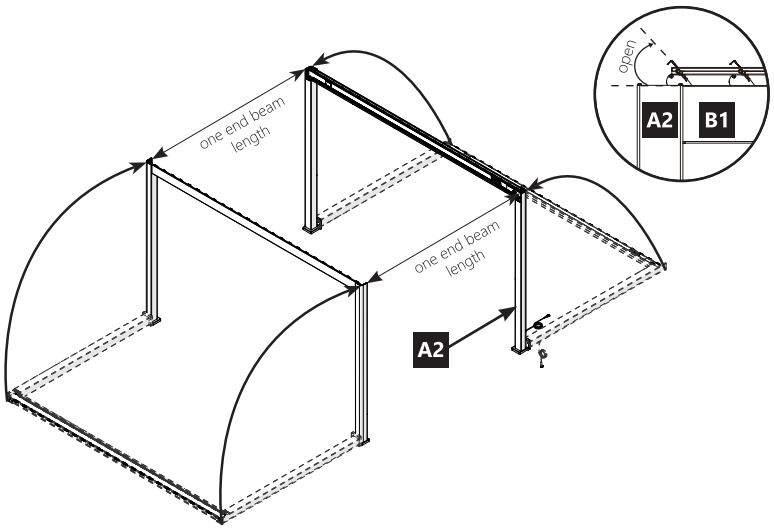


Only use ladders suitable for this kind of assembly work.

3A

Stand the two structures built in **steps 2** in an upright position, and place them at one end beam length away from one another. Make sure that one person is supporting each corner leg (A & A2) to prevent the structures from falling.

Notice:
When determining the assembly direction of the product, please consider the opening direction of the louvers as well as the desired sunshade effect.



3B

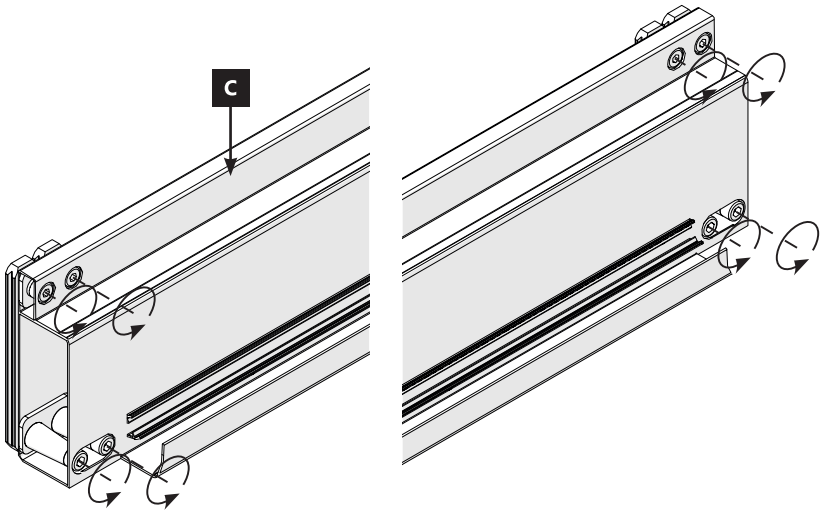
Slightly loosen the 8 built-in screws at both ends of the end beam C .

Y x 1



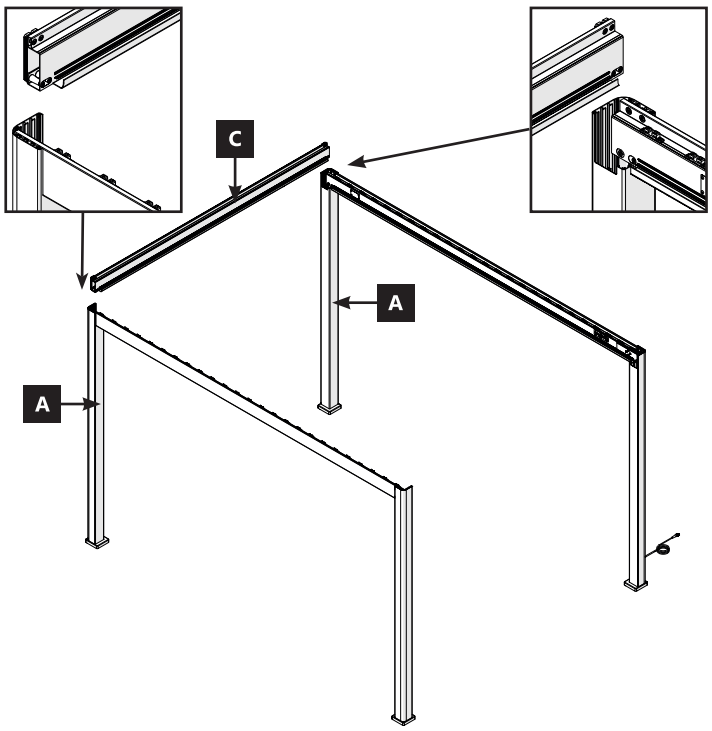
C x 1





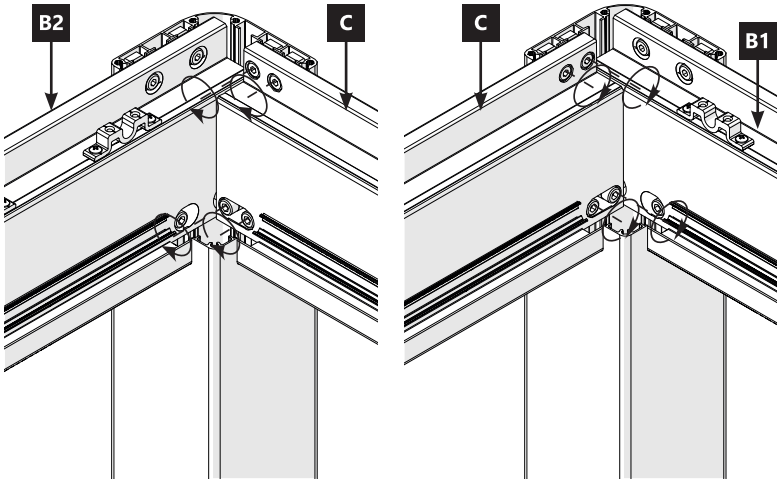
3C

Slide the slot nuts of the end beams **C** from above into the slots of the corner pillars **A** .



3D

Once the beam is in the correct position, tighten the 8 built-in screws on both ends using the hex key **Y** provided.

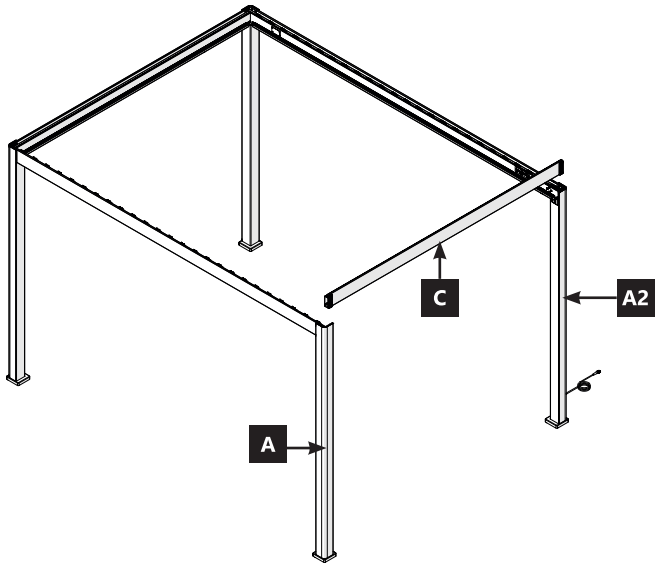


Y x 1



3E

Assemble the other end beam **C** by repeating steps **3B** - **3D** .



Y x 1



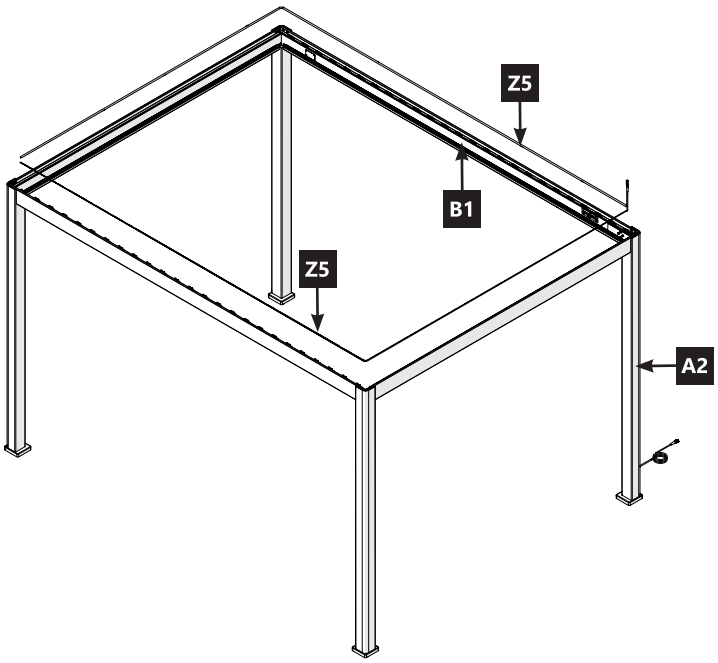
C x 1



4. Assemble the LED strip lights

4A

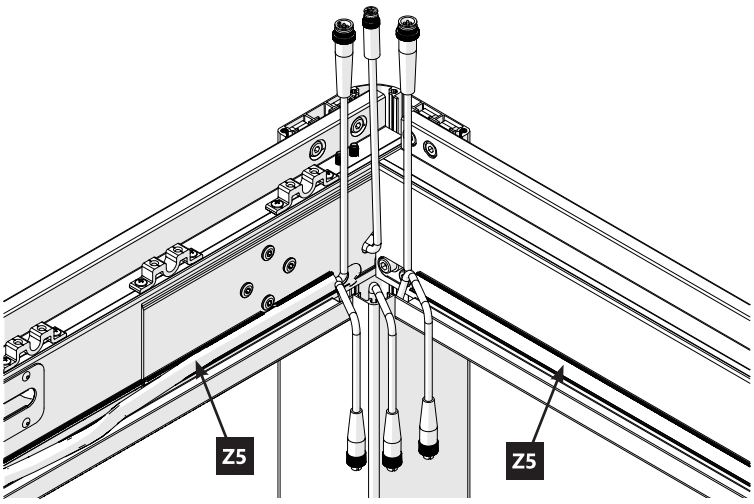
Place both LED light strips Z5 along the grooves on the side beam with motor B1 and end beams C , as shown in the figure. Put the connection socket of the LED light strip Z5 close to the cabled corner pillar A2 , and put the tail of the LED light strip Z5 into the top of the corresponding corner pillar if needed.



Z5 x 2

4B

As shown in the figure, press both LED light strips Z5 firmly into the light strip slots one by one to ensure they are fitted evenly.



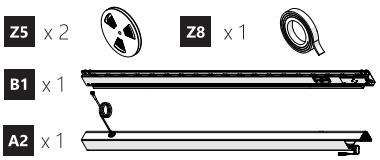
5. Connect the power cables of the motor and LED strip lights

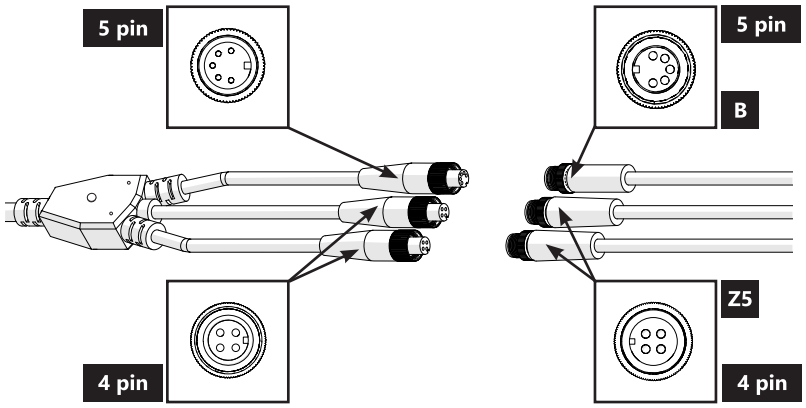
5A

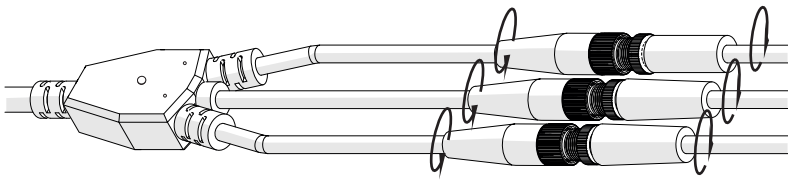
Connect the cable connector (5-pin) of the side beam **B1** into the corresponding connector socket on the top of the cabled corner pillar **A2** . Then tighten the waterproof connector.

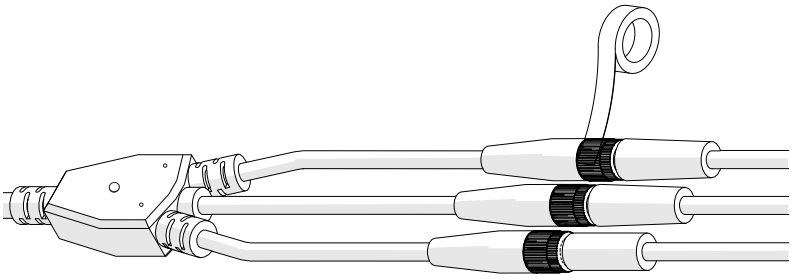
Connect the cable connector (4-pin) of the LED light strip **Z5** into the corresponding connector socket on the top of the cabled corner pillar **A2** . Then tighten the waterproof connector (there is no need to differentiate the plug sockets of the two light strips as they are the same).

Notice:
It is recommended to wrap waterproof adhesive tape on the waterproof connectors to prolong their service life.



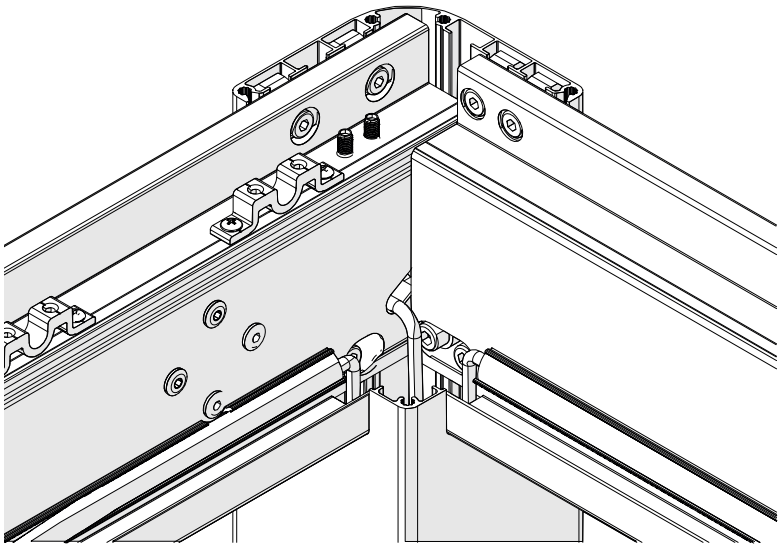






5B

Carefully tuck all connected cables and connectors at the top of the structure back into the corner pillar.



6. Check the alignment of the frame and the distance between the corner pillars

You are now almost done assembling the main frame of the pergola. Please double check to ensure all corner pillars, beams, and cables have been assembled and fitted correctly. You may have to unscrew certain bolts during this step.

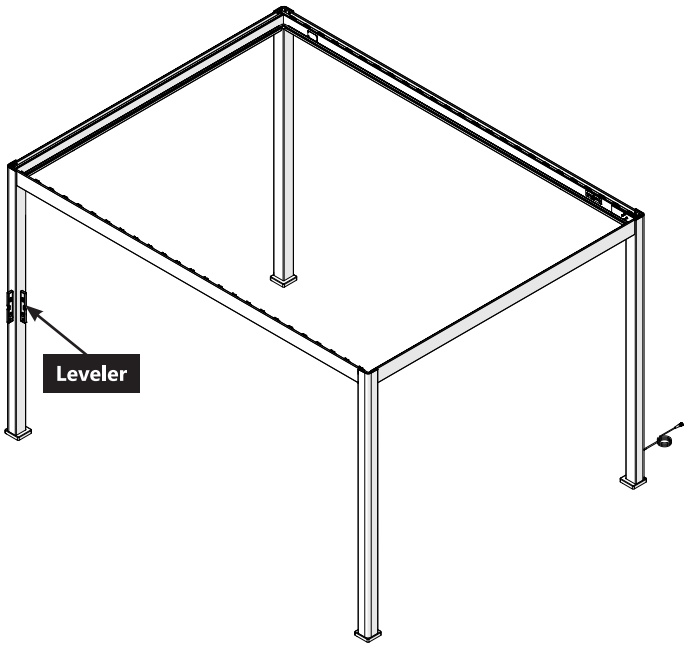
You will also need a tape measure and a leveler to complete this step.

6A

Choose one of the corner pillars (**A** & **A2**) and work from this pillar. Choose this pillar carefully as it will define the final installation location of the pergola.

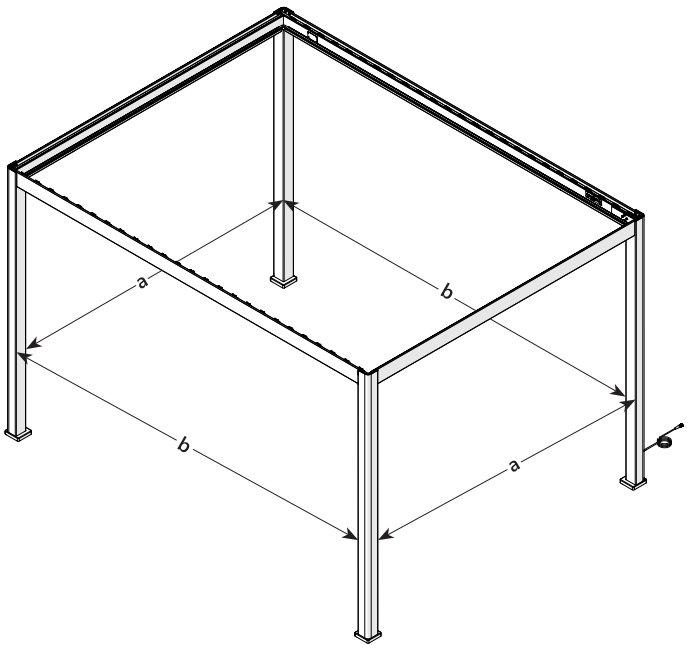
Use a leveler to measure against both of the inner sides to ensure that the corner pillar is straight and level.

Make sure this corner pillar does not move position during the remaining assembly steps.



6B

Measure the distances between the adjacent corner pillars. Adjust accordingly and ensure the distances match those shown in the opposite figure.

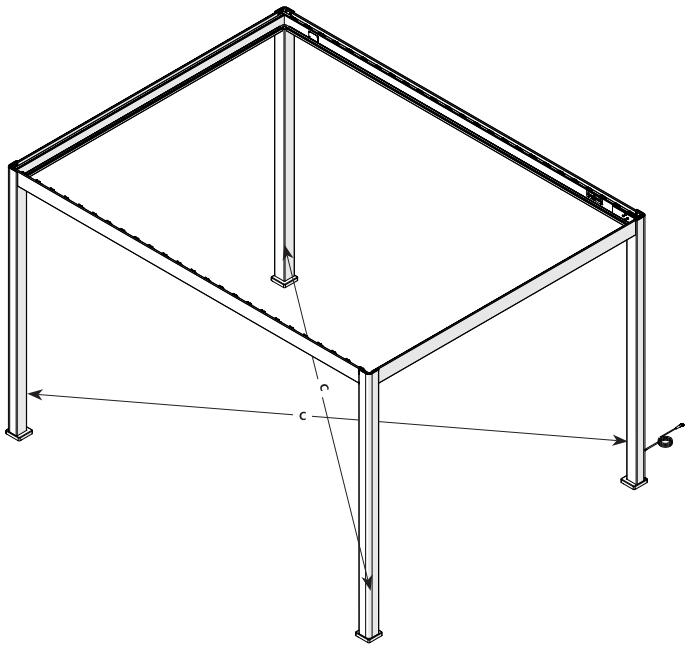


Size	a		b	
(m)	(mm)	(inch)	(mm)	(inch)
3x3	2790	109.8	2790	109.8
3x3.6	2790	109.8	3400	133.9
3x4	2790	109.8	3705	145.9
3.6x3.6	3400	133.9	3400	133.9
3.6x4	3400	133.9	3705	145.9

6C

Measure the diagonal distance between the opposite corner pillars. Adjust the other corner pillars accordingly until both diagonal distances are equal. You may have to repeat the above steps after completing the remaining steps.

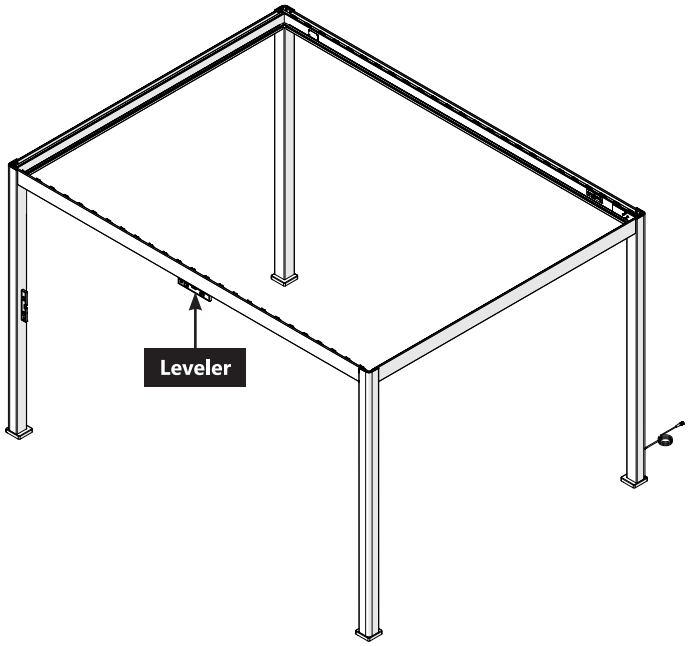
Size	c	
(m)	(mm)	(inch)
3x3	3951	155.6
3x3.6	4403	173.3
3x4	4643	182.8
3.6x3.6	4813	189.5
3.6x4	5033	198.1

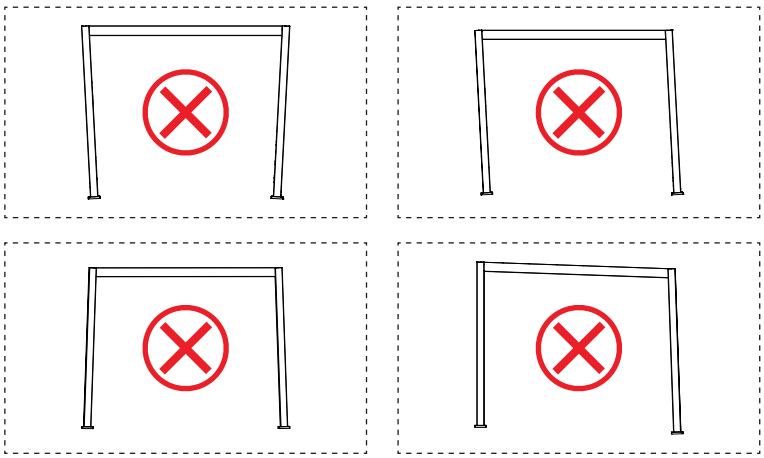


6D

Check that all corner pillars are straight and level using a leveler. If the corner pillars or beams are still not level, this means that your main building surface isn't sufficiently level, and that you will need to raise the corner pillars that are positioned lower than the others. (Contact qualified professional installers if needed.)

Warning:
If you do not adjust the main structure at this point, you may encounter problems when fitting the roof deck and/or accessories to the frame.





7. Assemble the louvers

7A

Prepare the driving louver: select one of the louvers **D** to be the driving louver.

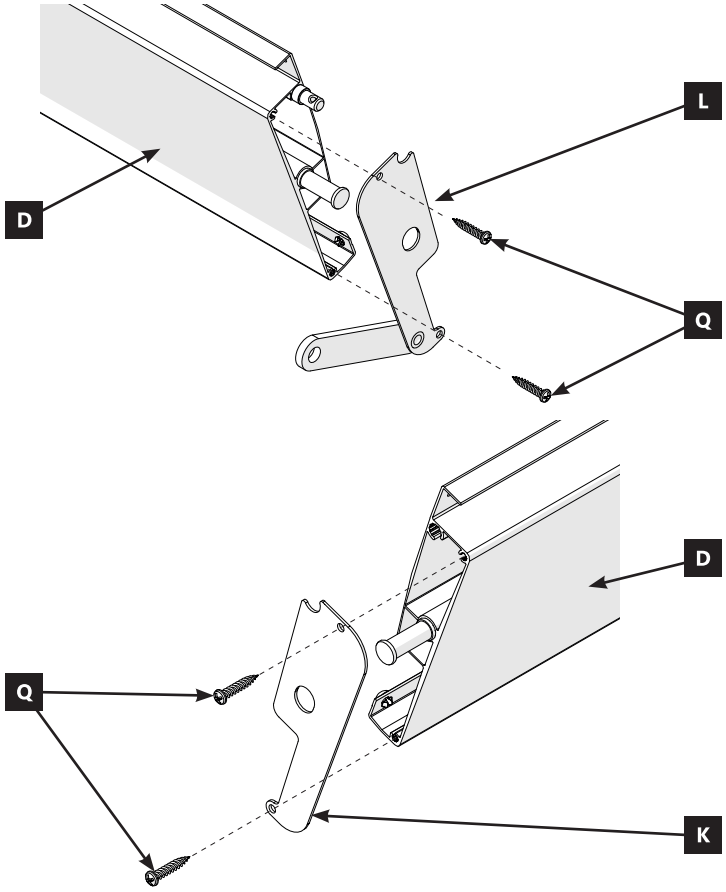
Attach the louver end cap with control arm **L** to one end of the driving louver, and attach an louver end cap **K** to the other end of the driving louver. Use 2 screws **Q** on each side.

Notice:
Do not over tighten or strip out the screws.

L x 1

Q x 4 **K** x 1

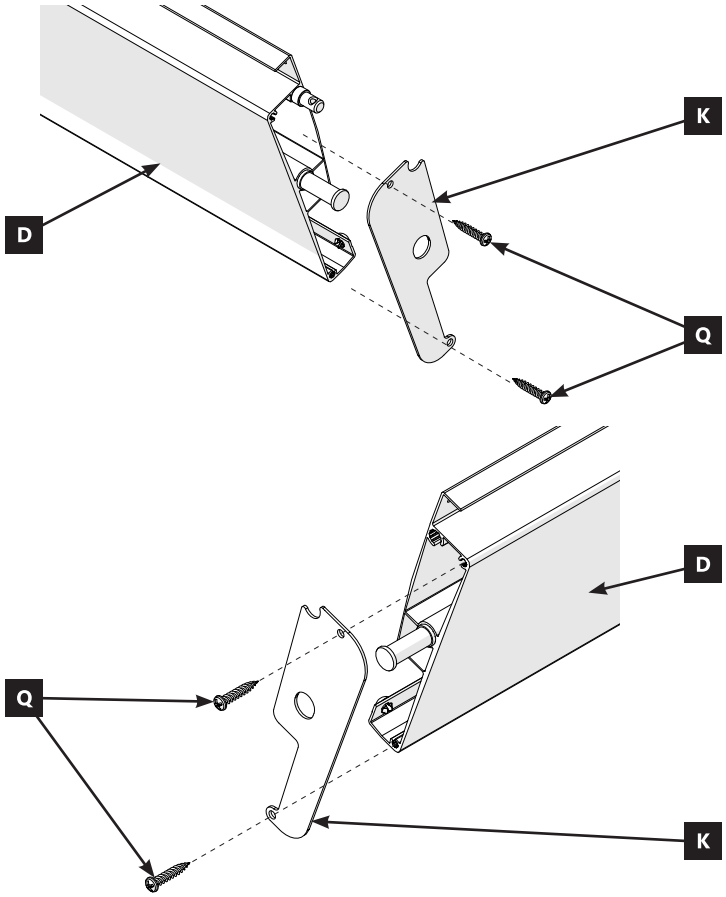
D x 1



7B

Prepare the regular louvers: attach the louver end caps **K** to each end of the rest of the louvers **D** with 2 screws **Q** .

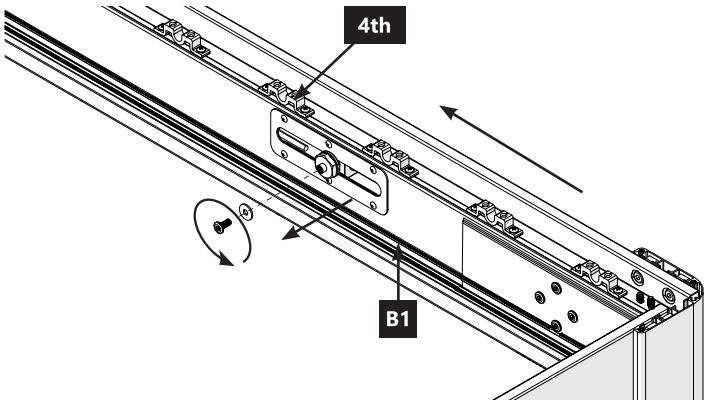
Repeat this step for all louvers.



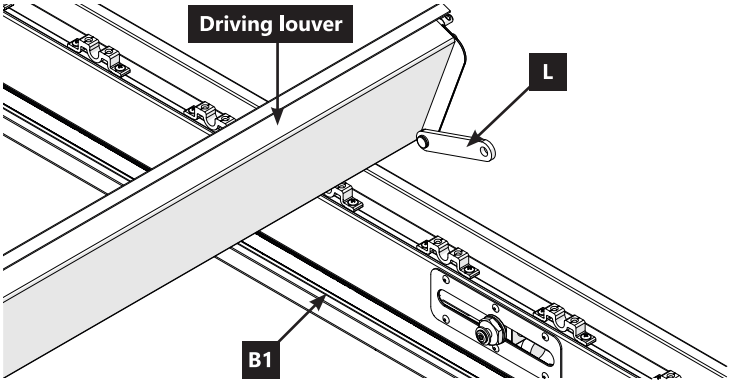
Part \ Length	3m/10ft.	3.6m/12ft.	4m/13ft.
K	36	45	49
Q	72	88	96
D	18	22	24

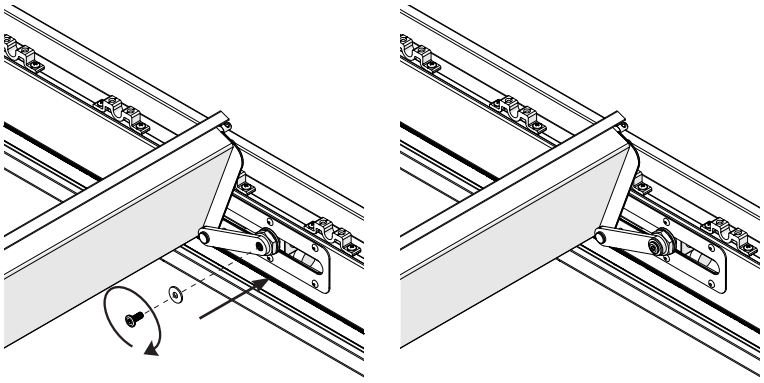
7C

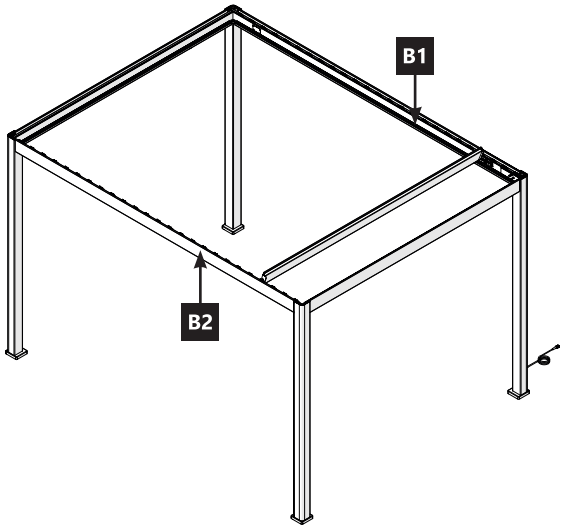
Place the louvers **D** on the corresponding louver shaft support on both side beams (**B1** & **B2**), with each louver overlapping the next, and **make sure that the driving louver is placed 4th from the right**.



Loosen the screw and washer already attached to the beam with motor **B1** . Then fix the connecting rod **L** of the driving louver to the side beam with motor **B1** , by firmly tightening the same screw and washer, using the hexagon socket key **X** .





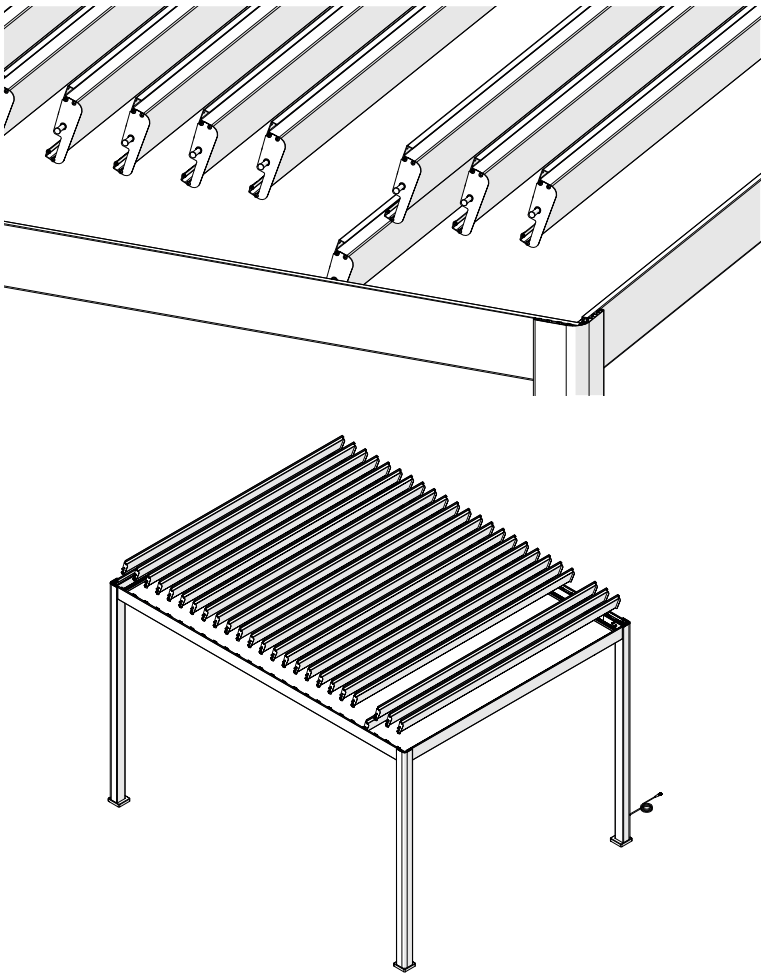


X x 1



7D

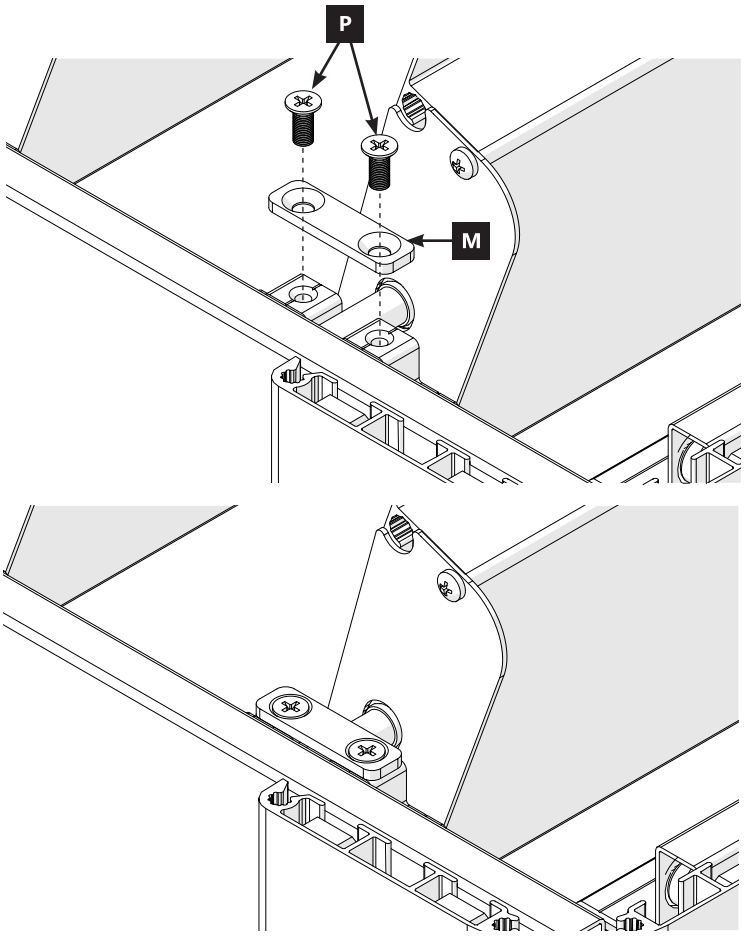
Place the rest of the louvers onto the remaining shaft support brackets.



7E

Secure the louvers **D** in the shaft support brackets by fixing a shaft support cover **M** onto the shaft support brackets on both ends of each louver **D** . Use 2 screws **P** each and secure them.

Repeat this step for all louvers with each louver overlapping the next.

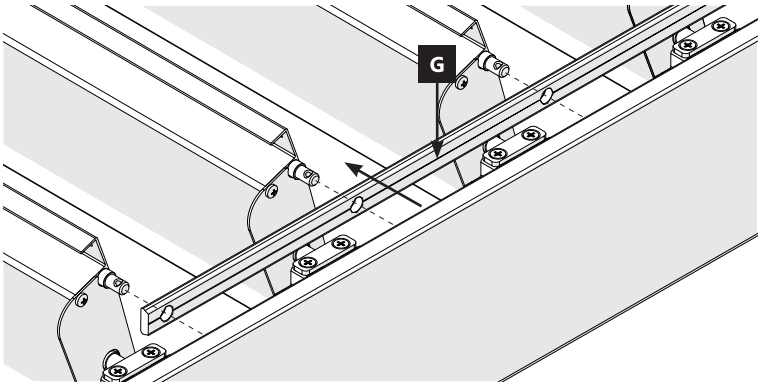


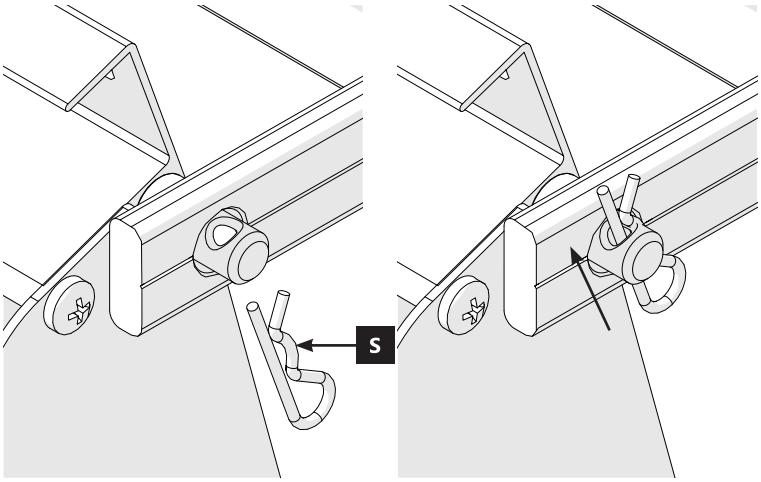
Part \ Length	3m/10ft.	3.6m/12ft.	4m/13ft.
M	38	46	50
P	76	92	100

7F

Take the connecting strip **G** . Attach it to each louver fitting each of the holes onto the corresponding bolts of the louvers. Secure every bolt with a cotter pin **S** , inserting it through the small bolt hole.

Repeat this step for all cotter pins on both sides.



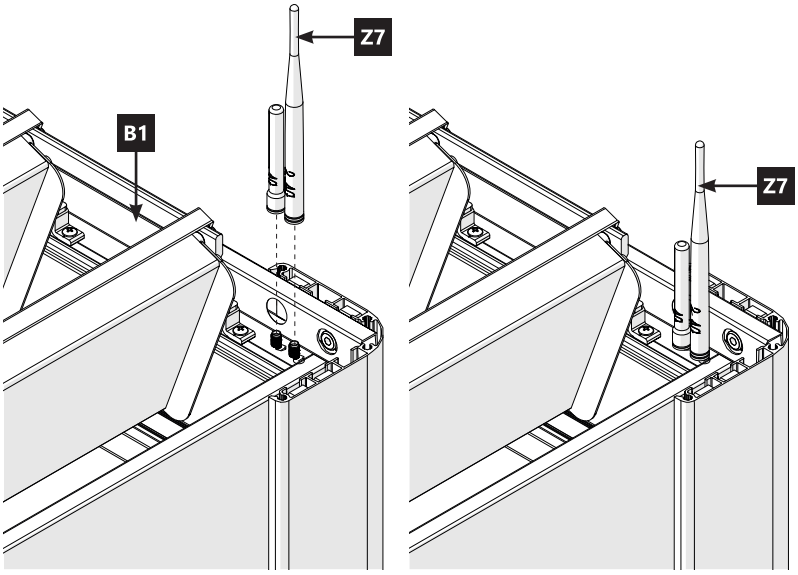


Part \ Length	3m/10ft.	3.6m/12ft.	4m/13ft.
G	1	1	1
S	19	23	25

8. Finalize the electric connection and assemble the pillar covers

8A

Assemble the 2.4G and 4G antennae **Z7** , and make sure they correspond to the label on the side beam with motor **B1** .

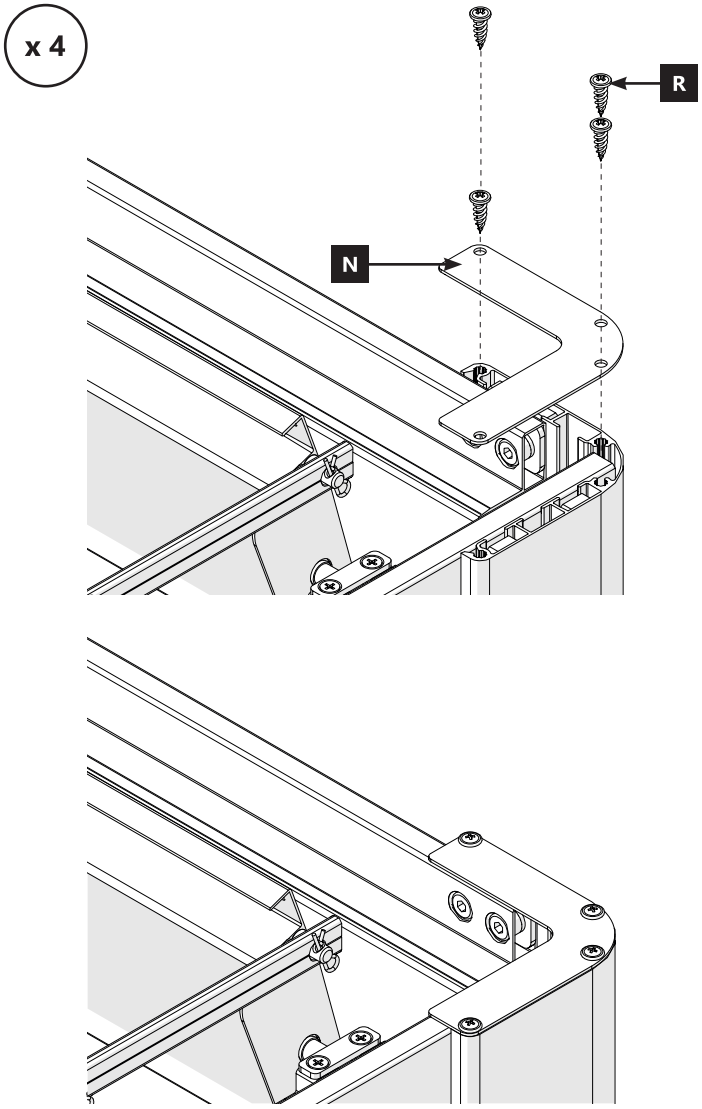


Z7 x 1



8B

Fix a pillar cover **N** to the top of each corner with 4 screws **R** each.



N x 4



R x 16

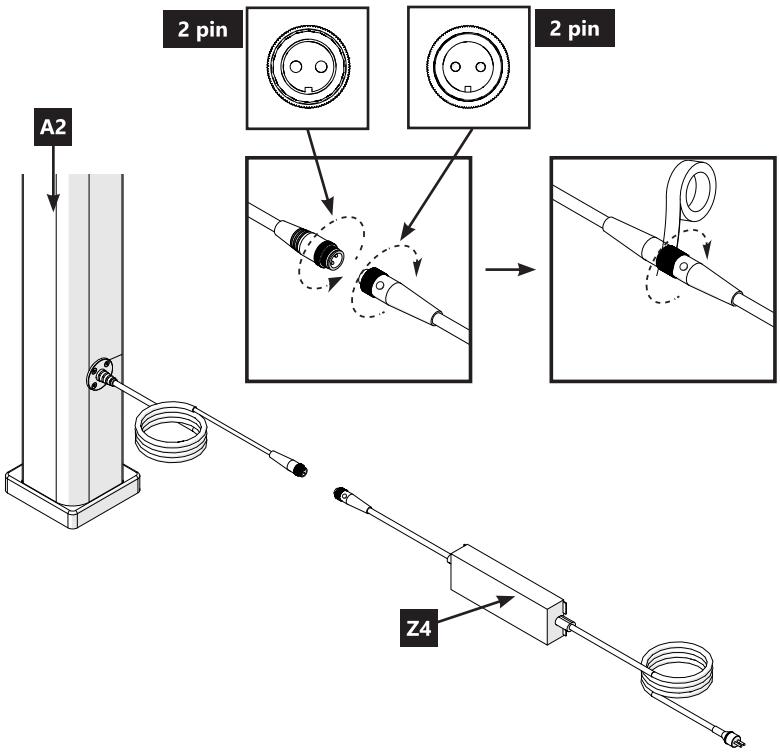


8C

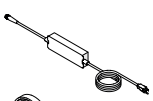
Connect the cable on the base of the cabled corner pillar **A2** to the cable of the power supply adapter **Z4** . Tighten firmly.

Notice:
It is recommended to wrap waterproof adhesive tape on the waterproof connectors to prolong their service life.

Warning:
Ensure the power supply adapter makes contact with the ground.



Z4 x 1



Z8 x 1



9. Secure the corner pillars to the ground

The pergola must be firmly and permanently secured to the ground. If the ground is not level or suitable, please refer to the section "Before assembling your pergola".

To ensure the correct installation of the subsequent fittings, check the frame alignment and pillar distance by repeating steps 6A - 6D .

9A

To fix the corner pillars (A & A2) with the four foot plates J , drill through each hole with a hammer drill.

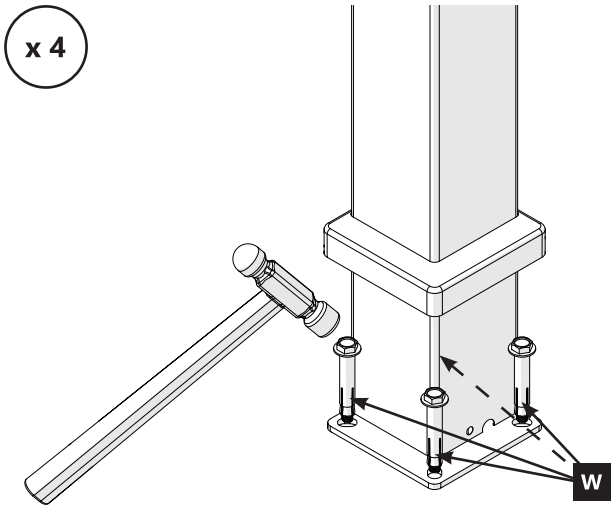
Z x 1



9B

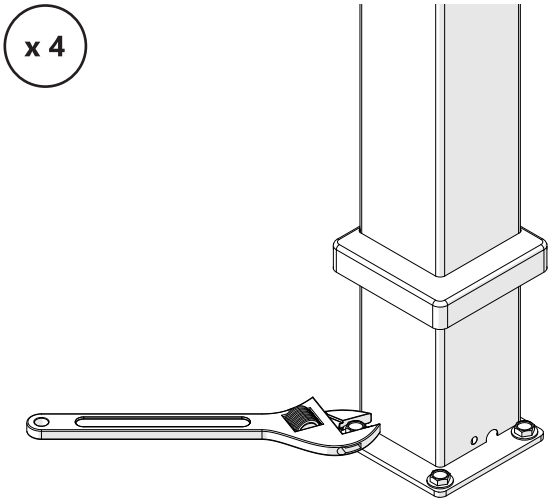
Remove all the debris and dirt. Then firmly insert an anchor bolt W into each hole, using a hammer.

W x 12

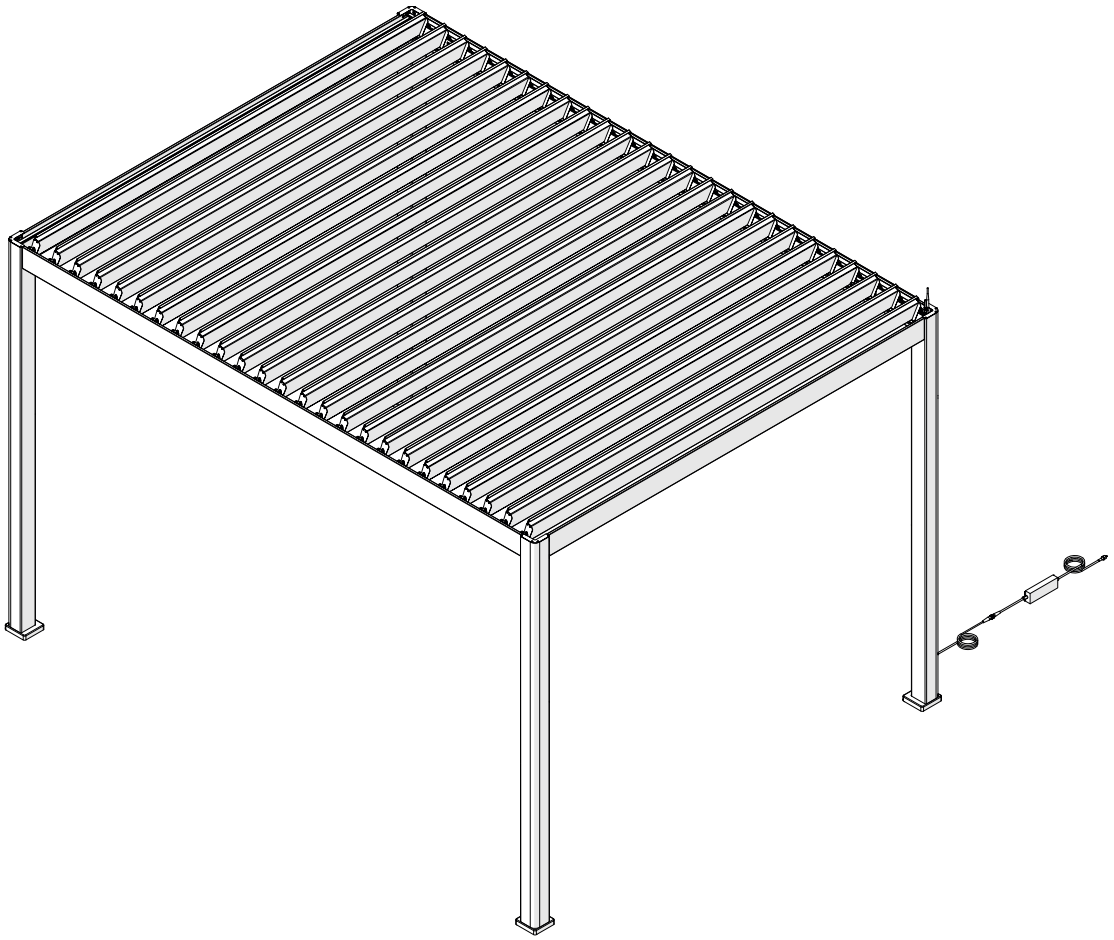


9C

Tighten the hexagonal ends of each bolt with a spanner/wrench.

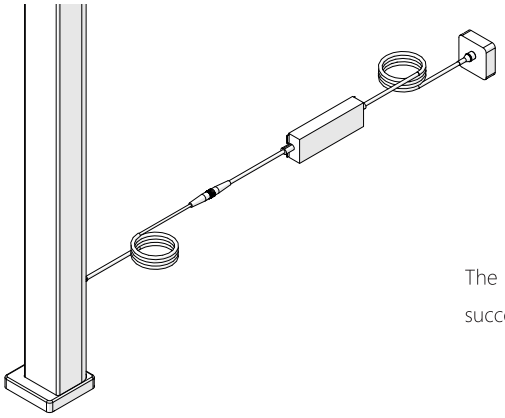


10. End of assembly



Operation of Your Pergola

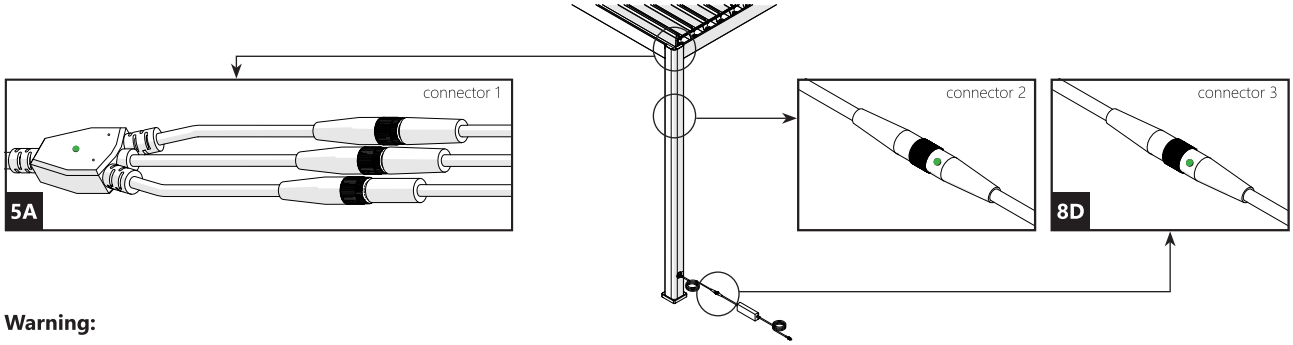
Plug the power supply adapter into the mains



The LED light will light up for two seconds and then turn off to indicate that the device has successfully powered on.

If no light is observed, please sequentially inspect the indicator lights on the connectors at the positions indicated in the right picture.

If any indicator light is off, please reconnect the corresponding connectors according to assembly steps **5A** and **8D**. (Connector 2 should be pulled out from the pillar for inspection.)



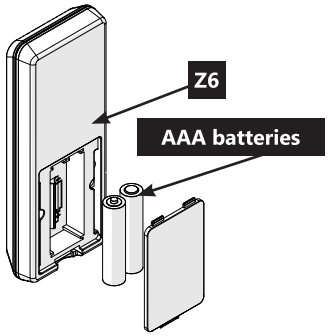
Warning:

To reduce the risk of electric shock, this equipment has a polarized plug (one blade is wider than the other). This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install the proper outlet. Do not change the plug in any way.

Operate with the remote control

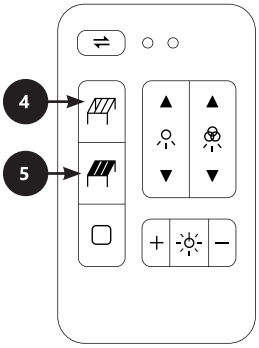
Insert the AAA batteries into the remote control **Z6** and press the appropriate buttons for lighting or louver adjustments.

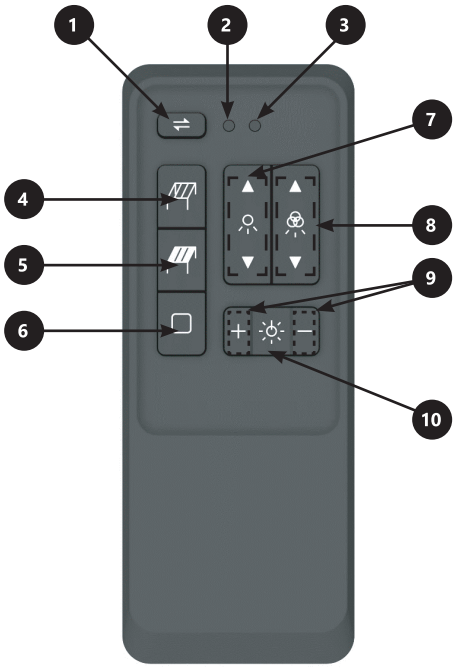
If you encounter issues controlling the lights/ louvers or notice a delay while switching through the remote control, please re-pair the remote by following the **Pairing** steps outlined below.



Pairing:

1. Unplug the power supply and remove the battery from the remote control.
2. Wait for **15 seconds**, then reconnect the power supply and reinstall the battery in the remote control, make sure batteries are not worn out and that they are inserted correctly.
3. Once the light on the remote begins to flash, it indicates pairing mode has been activated. Please complete the pairing process **within 5 minutes** of reconnecting the power.
4. Simultaneously press and hold both **4** and **5** on the remote control.
5. After successful pairing, the light strip will flash twice and all louvers will move back and forth once.





Operating:

1. Toggle to control actuactor 1, actuactor 2 or both actuactors
2. Led indicator for actuactor 1
3. Led indicator for actuactor 2
4. Open louvers
5. Close louvers
6. Stop louver movement
7. Single color mode: Toggle light colors
8. Dynamic lighting mode: Toggle chasing effects
9. Adjust brightness (Only works for single color mode)
10. Turn on/off lights

Warning:

- Non-rechargeable batteries are not to be recharged.
- Different types of batteries are not to be mixed.
- New and used batteries are not to be mixed.
- Batteries are to be inserted with the correct polarity.
- Exhausted batteries are to be removed from the appliance and safely disposed of.
- If the appliance is to be stored unused for a long period, the batteries should be removed.
- The supply terminals are not to be short-circuited.

How to connect the product with your phone

I. Download the App from Google Play Store or App Store by scanning the QR code on the right.
II. Open the App and scan the QR code on the nameplate on the beam to pair the pergola.

Available on the App Store

GET IT ON Google Play

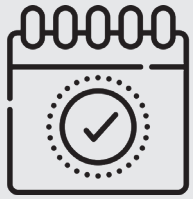
If the APP shows that the product is bound by other users?

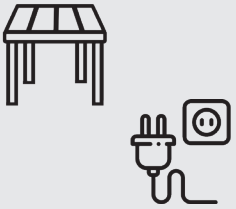
Connect the device to the mains and ensure that the light strip is turned off. Then, simultaneously press and hold the Toggle light colors △ and Toggle chasing effects △ keys for ten seconds. The light strip will flash pink ● and turn off after 3 seconds. The product is successfully unbound.

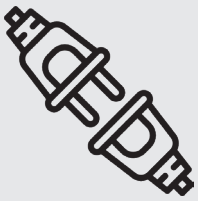
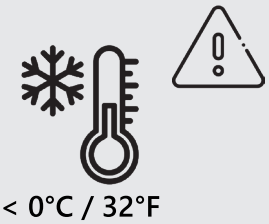
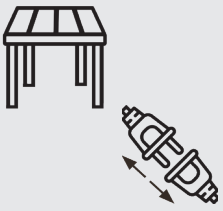
Problem Solving, Care & Maintenance

Issue	Explanation or Action to take
The LED light strip is deformed after removing it from the packaging.	Expand the light strip and leave it at room temperature for a period of time until its shape is restored before installing it.
The surface of the LED light strip oxidizes and changes color after long-term use.	Regularly clean the surface to ensure cleanliness. If necessary, order a replacement light strip.
Abnormal noise occurs during the rotation of the louver(s).	Check if any of the louvers are deformed. If this is the case, replace them. If the louvers are not deformed but they are colliding with one another, replace the beam.
The remote control cannot be paired with the control system.	Check if the product is powered on. Check if the remote control battery is installed or if the battery is depleted. Remove the rear cover of the remote control and check if the positive and negative poles of the battery are correct. Remove the battery and reinstall it to avoid poor contact. (The details can be reviewed in the Page30) If the problem still persists, please contact customer service.
The remote control can be paired with the control system, but the app cannot.	It may take a few minutes for the device to search for the network. Please enter the network configuration diagnostic mode. Then wait patiently and confirm that the light strip flashes blue before attempting to scan the code for pairing. If there are still problems, please contact point of sale.
The LED light strip operates normally, but the liner actuator does not.	Replace the beam with motor.
During operation, the product takes time to respond, or the app does not operate in real-time.	Check the local network signal strength.
The product is a dual-pergola, and the louvers on both sides do not open or close synchronously.	Slight asynchronization is normal. If it differs by more than 1 second, please refer to the contact section on page 33.
Some of the light beads on the LED light strip do not work according to the instructions.	Replace the light strip.
The flatness of the louver is damaged due to weather conditions.	Replace the affected louvers.
The louvers cannot be reset when there is a power failure.	Remove the screws on the driver, take out the driver connected to the screws, and allow the louvers to reset automatically.
The drain is blocked by leaves or debris.	Clean the ducts and guttering of the pergola regularly.
The casting powder on the beam surface falls off after the motor runs for long periods.	No intervention is needed under normal circumstances.
How do I enter the network configuration diagnostic mode?	Connect the device to the mains and ensure that the light strip is turned off. Then, simultaneously press and hold the increase brightness [+] and decrease brightness [-] keys. The light strip in the device's corner will blink in different colors to indicate the current network status. ● SIM card not detected ● Searching for Service ● Registered Successfully ● IP Obtained ● Connected to the Cloud ● SIM Card Registration Denied

General Care & Maintenance

Dust and dirt will collect on the pergola and will require periodic cleaning	Use a water/detergent mixture and a soft clean cloth to clean the pergola.	Air dry or wipe with a soft clean cloth.	Do not operate the awning when maintenance, such as window cleaning, is being carried out in the vicinity.
			

For more soiled areas, rinse the surface with clean water from top to bottom.	In most situations it is not necessary to lubricate the moving parts of the pergola. However, when squeaking occurs, using a silicone spray lubricant is recommended.	Do not use any petroleum based spray lubricant.	Disconnect the awning from the supply when maintenance, such as window cleaning, is being carried out in the vicinity.
	 Silicone based	 Petroleum based	

In coastal areas, it is recommended that you frequently spray the pergola with water to reduce accumulation of salt and dirt.	Disconnect the cables if the pergola is not being used for long periods.	When the temperature is below 0°C/32°F , it is recommended to use the product less frequently to prolong the product's service life.	The drive shall be disconnected from its power source during cleaning, maintenance and when replacing parts.
		 < 0°C / 32°F	

Periodic inspection

Frequently examine the installation for imbalance and signs of wear ordamage to cables and springs. Do not use if repair or adjustment isnecessary.

- Check the pergola is fixed firmly to the ground.
- Check the pergola's mobile components are in good working order,
- Check that the driving parts are sufficiently lubricated,
- Check the condition of the electrical cables and inspect their mains connection.
- Check the operation of the motor's limit switch and correct where necessary.
- Check the screws and rivet joints on the pergola.
- Check of the condition of mobile roof and bearings.

Warranty & Complaints Procedure

The product is covered by a 5-year limited warranty. For the complete limited warranty terms and conditions, please contact your local Pergola sales representative.

Warranty exclusions

The warranty does not cover:

- Damage to equipment resulting from storage, installation or maintenance not in accordance with this instruction manual.
- Damage due to use not in accordance with this instructions manual.
- Mechanical damage.
- Defects resulting from normal wear and tear of product parts, such as seals, lubricants, etc.
- Electrical damage caused by the user.
- Damage caused by incorrect installation of the product by a company other than an approved installation partner.
- Damage caused by installing the product on an unsuitable surface. The anchor bolts provided may not hold securely on certain surfaces
- Damage caused as a result of repairs carried out without permission.
- Damage caused during use of the system in inappropriate weather conditions (outside the expected range).
- Damage caused by abnormal weather conditions, such as lightning.
- Characteristic system noises during rotation of louvers.
- Leaks resulting from incomplete closure of movable components.
- Damage due to incorrect cleaning using inadequate tools, corrosive substances and abrasives.
- Atmospheric and phytosanitary pollution and contamination caused by animals.
- Damage caused by the influence of foreign products, objects or suspended accessories.
- The right to any claims in the event of self-repairs or the use of non-original spare parts.
- Differences in the colour of the parts that may occur during the production process.
- Colour changes of elements intensively exposed to harmful weather conditions.
- Corrosion of components used in environments with high sea salt content in the air.
- Possible cracks in the metalwork due to mechanical damages caused by incorrect pergola assembly or due to uneven heating due to the location of the pergola assembly.
- Leaks or leakages between gutter modules, or sealing of penetrations between the guttering that has been executed by the customer.
- A difference in the angle of the rotating louvers of under 5°, which is a natural feature of the system due to production and process tolerances of the components.
- Water formed by condensation, which can occur on the bottom surface of the louvers.

The manufacturer shall not be responsible for:

- The product, where the CE label was removed or it is illegible,
- The product, where the pictograms informing about particularly important information on hazards and safety have been removed
- Inappropriate use of the product,
- Damage caused by voltage fluctuations in the grid, if they exceed 5%

Complaints procedure:

- The complaint must include an order number or transaction number.
- The complaint must include a detailed description of the defect, the name of the company which installed the product and the date when the defect was discovered.
- Goods without an order number or transaction number are not covered under the warranty.

Contact:

Other Areas: Please contact the point of sale

Disassembly and Disposal of the Product

Incorrect disassembly of the pergola may lead to serious injury and product damage.

Disassembly should be assigned to qualified personnel with adequate training within the scope of occupational health and safety and knowledge within the scope of recycling.

Disposal of used Electrical and Electronic Equipment

When the service life of the product is over, it is necessary to disassemble it for disposal and to sort the individual materials and components in compliance with the local regulations of your country.

Important disposal information

In compliance with European Directive 2012/19EU on waste electrical and electronic equipment (WEEE) is it forbidden to place the waste equipment marked with the crossed bin symbol with other waste to a container intended for domestic waste. Users wishing to dispose of electronic or electrical equipment are obliged to return it to a designated waste equipment collection point.
The above statutory obligations were introduced in order to limit the amount of waste generated from waste electrical and electronic equipment, and to ensure an appropriate level of collection, recovery and recycling. The equipment does not contain hazardous components which have a particularly adverse effect on the environment or human health.



Utilization of used batteries

In compliance with the provisions of the Directive 2006/66/EC of the European Parliament and of the Council of 6 September 2006 on batteries and accumulators and waste batteries and accumulators and repealing Directive 91/157/EEC, the End User is obliged to transfer used portable batteries, which are no longer used as a source of energy, to an official collection point. It is forbidden to place used batteries with other waste in the same container. To prevent environmental pollution and causing a possible hazard for human and animal health, used batteries should be disposed of in the correct container at the designated collection points.

Declaration of performance (DOP)

Reference no. DOP0001

Product name and type
Mirador Pergola and Mirador Wall Pergola/ pergola awning

Model name/ Unique identification code of the product:
111 Deluxe AxBm, 111 Deluxe e AxBm, 111 Deluxe e-Motion RC AxBm, 111 Deluxe e-Motion AxBm,
111 DA AxBm, 111 LED DA AxBm, 111 e-Motion DA AxBm, 111 e-Motion+ AxBm,
111 Deluxe Edge AxBm, 111 Deluxe Edge e AxBm, 111 Deluxe Edge e-Motion RC AxBm, 111 Deluxe Edge e-Motion AxBm,
111 Deluxe R AxBm, 111 Deluxe R e AxBm, 111 Deluxe R e-Motion RC AxBm, 111 Deluxe R e-Motion AxBm,
AxB:
3x3, 3x3.6, 3x4, 3.6x3.6, 3.6x4,
3x5.3, 3x6, 3x7.2, 3.6x5.3, 3.6x6, 3.6x7.2

111 Classic AxBm, 111 Classic e AxBm, 111 Classic e-Motion AxBm, 111 S AxBm, 111 LED S AxBm, 111 e-Motion S AxBm,
111 Premium AxBm, 111 Premium e AxBm, 111 Premium e-Motion AxBm, 111 A AxBm, 111 LED A AxBm, 111 e-Motion A AxBm,
AxB:
3x3, 3x3.6, 3x4,
3x5.3, 3x6, 3x7.2

111 Infinite AxBm, 111 Infinite e AxBm, 111 Infinite e-Motion RC AxBm, 111 Infinite e-Motion AxBm,
111 Infinite LED AxBm, 111 Infinite e-Motion DA AxBm, 111 Infinite e-Motion+ AxBm,
111 Infinite Edge AxBm, 111 Infinite Edge e AxBm, 111 Infinite Edge e-Motion RC AxBm, 111 Infinite e-Motion AxBm,
AxB:
3.6x3.6, 7.2x7.2

Purpose of Usage:
External use in buildings and other construction works

Manufacturer:
Zhejiang Zhengte Co., Ltd.
811 Dongfang Ave, Zhejiang, PRC

Documentation officer:
Ziad Zhao
Zhejiang Zhengte Co., Ltd.
No.811 Oriental Ave., Linhai, 317004, Zhejiang, China

System for assessing and verifying the constancy of performance according to Annex V of the Construction Products Regulation (EU)305/2011
System 4

Declared performance (Excluding the structural part):
Wind resistance = Class 6
Standard: EN 13561:2004+A1:2008

(Chairman/President)

Zhejiang
20.07.23

EU Declaration of Conformity

CE

Product name
Mirador Pergola

Model name/ Unique identification code of the product:
111 Deluxe e-Motion AxBm, 111 Deluxe Edge e-Motion AxBm, 111 Deluxe R e-Motion AxBm,
AxB:
3x3, 3x3.6, 3x4, 3.6x3.6, 3.6x4,
3x5.3, 3x6, 3x7.2, 3.6x5.3, 3.6x6, 3.6x7.2

111 Classic e-Motion LTE AxBm, 111 Premium e-Motion LTE AxBm,
AxB:
3x3, 3x3.6, 3x4,
3x5.3, 3x6, 3x7.2

111 Infnite e-Motion AxBm, 111 Infnite Edge e-Motion AxBm,
AxB:
3.6x3.6, 7.2x7.2

Software: ZTC1D05
Accessories: Remote control, 3V DC Battery

Purpose of Usage:
External use in buildings and other construction works

Manufacturer:
Zhejiang Zhengte Co., Ltd.
No. 588 Linhai Ave., 317000 Linhai, Zhejiang, PRC

Documentation officer:
Ziad Zhao
Zhejiang Zhengte Co., Ltd.
No. 588 Linhai Ave., 317000 Linhai, Zhejiang, PRC

2014/53/EU (The Radio Equipment Directive)
For the evaluation of the compliance with these Directives and Regulations, the following standards/requirements were applied:
EN 60335-1:2012/A15:2021+EN 60335-2-97:2006/A12:2015
EN 62233:2008
EN 61547:2023
EN 62311:2008
EN IEC 55014-1:2021+EN IEC 55014-2:2021+EN IEC 55015:2019/A11:2020
EN IEC 61000-3-2:2019/A1:2024+EN 61000-3-3:2013/A2:2021
EN 301 489-1 V2.2.3+EN 301 489-3 V2.3.2+EN 301 489-19 V2.2.1+EN 301 489-52 V1.2.1
EN 300 440 V2.1.1+EN 300 440 V2.2.1
EN 303 413 V1.2.1
EN 301 511 V12.5.1+EN 301 908-1 V15.2.1+EN 301 908-13 V13.2.1
EN 50663:2017
EN 50665:2017

Notifed Body: TÜV SÜD Danmark ApS
NB No.: 2443
Certifcate No.: DK-RED002821 i04

Zhejiang
15.07.25

(Chairman/President)

EU Declaration of Conformity

CE

Product name
Mirador Pergola

Model name/ Unique identification code of the product:
111 Deluxe e-Motion AxBm, 111 Deluxe Edge e-Motion AxBm, 111 Deluxe R e-Motion AxBm,
AxB:
3x3, 3x3.6, 3x4, 3.6x3.6, 3.6x4,
3x5.3, 3x6, 3x7.2, 3.6x5.3, 3.6x6, 3.6x7.2

111 Classic e-Motion LTE AxBm, 111 Premium e-Motion LTE AxBm,
AxB:
3x3, 3x3.6, 3x4,
3x5.3, 3x6, 3x7.2

111 Infnite e-Motion AxBm, 111 Infnite Edge e-Motion AxBm,
AxB:
3.6x3.6, 7.2x7.2

Software: ZTC1D05
Accessories: Remote control, 3V DC Battery

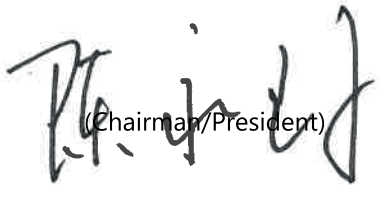
Purpose of Usage:
External use in buildings and other construction works

Manufacturer:
Zhejiang Zhengte Co., Ltd.
No. 588 Linhai Ave., 317000 Linhai, Zhejiang, PRC

Documentation officer:
Ziad Zhao
Zhejiang Zhengte Co., Ltd.
No. 588 Linhai Ave., 317000 Linhai, Zhejiang, PRC

2014/53/EU (The Radio Equipment Directive)
For the evaluation of the compliance with these Directives and Regulations, the following standards/requirements were applied:
EN 62368-1:2014/A11:2017
EN 301 489-1 V2.2.3:2019+EN 301 489-17 V3.3.4:2020
EN 300 328 V2.2.2:2019
EN 50663:2017
EN 50665:2017

Notifed Body: TÜV SÜD Product Service GmbH
NB No.: 0123
Certifcate No.: TPS-RED501072 i01



(Chairman/President)

Zhejiang
01.08.25

EC Declaration of Conformity

CE

Product name and type
Mirador Pergola

Model name/ Unique identification code of the product:
111 Deluxe AxBm, 111 Deluxe e AxBm, 111 Deluxe e-Motion RC AxBm, 111 Deluxe e-Motion AxBm
111 Deluxe Edge AxBm, 111 Deluxe Edge e AxBm, 111 Deluxe Edge e-Motion RC AxBm, 111 Deluxe Edge e-Motion AxBm
111 Deluxe R AxBm, 111 Deluxe R e AxBm, 111 Deluxe R e-Motion RC AxBm, 111 Deluxe R e-Motion AxBm
AxB:
3x3, 3x3.6, 3x4, 3.6x3.6, 3.6x4,
3x5.3, 3x6, 3x7.2, 3.6x5.3, 3.6x6, 3.6x7.2

111 Classic AxBm, 111 Classic e AxBm, 111 Classic e-Motion AxBm
111 Premium AxBm, 111 Premium e AxBm, 111 Premium e-Motion AxBm,
AxB:
3x3, 3x3.6, 3x4,
3x5.3, 3x6, 3x7.2

111 Infinite AxBm, 111 Infinite e AxBm, 111 Infinite e-Motion RC AxBm, 111 Infinite e-Motion AxBm
AxB:
3.6x3.6, 7.2x7.2

Purpose of Usage:
External use in buildings and other construction works

Manufacturer:
Zhejiang Zhengte Co., Ltd.
811 Dongfang Ave, Zhejiang (China)

Documentation officer:
Ziad Zhao
Zhejiang Zhengte Co., Ltd.
No.811 Oriental Ave., Linhai, 317004, Zhejiang, China

Meets the provisions of Machinery Directive 2006/42/EC

Harmonised standards used:
EN 13561:2015
EN 60335-1:2012+A11:2014+A13:2017+A1:2019 + A14:2019 +A2:2019+A15:2021
EN 60335-2-97:2006+A11:2008+ A2:2010+ A12:2015
EN 62233:2008

Zhejiang
20.07.23

(Chairman/President)