# Marchington

Pergola 6 x 3 Assembly Guide





IMPORTANT: PLEASE REGISTER YOUR HEX LIVING PRODUCT AFTER ASSEMBLY

Using the unique serial number, simply register your product at www.hexliving.co.uk or use the QR code above to access the HEX Living lifetime warranty and online support.

> Affix Serial Number HERE





# PLEASE READ THIS DOCUMENT FULLY PRIOR TO STARTING ASSEMBLY PROCEDURE

The objective of this instruction is to illustrate the recommended assembly sequence for this product, any deviation from this will be the sole responsibility of whoever carries out the assembly.

IMPORTANT: IT IS ADVISABLE THAT THE PRODUCT IS ASSEMBLED AT, OR AS CLOSE AS POSSIBLE TO WHERE IT WILL BE FINALLY LOCATED.

#### ENSURE THERE IS ADEQUATE CLEARANCE WHERE THE PRODUCT IS TO BE LOCATED:

Exterior dimensions (L x W x H)

5880 x 3000 x 2400mm

Footprint dimensions (L x W)

5880 x 3000mm

WE STRONGLY RECOMMEND USING A PERMANENT FIXING METHOD TO MOUNT THE PERGOLA ONTO A SOLID, FLAT SURFACE.

#### TWO PERSON ASSEMBLY

This well engineered contemporary pergola requires 3 people to assemble, time to complete in approximately 5-6 hours.



# PERSONAL PROTECTION EQUIPMENT

We advise appropriate personal protective equipment is worn during assembly including eye protection and gloves.





# CARING FOR YOUR HEX LIVING PRODUCT

Your **HEX Living** product is designed to stand the test of time, which is why we're happy to offer a lifetime warranty on our products. With zero maintenance required, simply assemble your HEX Living product and enjoy putting it to great use in your carden.

- Periodically, you might want to give your product a clean, these simple care tips are not essential to the performance of your product:
- Remove surface dirt with plain water using a jet wash or sponge, the coating on our products will ensure dirt or mud simply wipes away.
- · Periodically clear the pergola's louvers and clever rainwater drainage system of fallen leaves.

#### WARNINGS AND ADVISORIES

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To install this pergola technical knowledge is necessary. Do not mount this pergola yourself but contact a professional workman for help if you do not have necessary technical knowledge, or unable understand the assembly manual.

Do not try to install the pergola alone. If the pergola falls, it could cause serious injuries and damages!

Please read the manual carefully before assembling, (we recommend keeping the manual for future use).



Select a dry and calm day for your assembly, do not try to install the pergola in windy conditions!

We advise a flat hard floor surface, preparing suitable area for assembly. If the floor shows any sign of cracks, consult a professional.

- Place all parts out carefully, ideally on a soft surface to protect parts from getting damaged.
- Please check part quantities before assembling, contact customer service if any parts are missing or damaged.

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When the louvers are closed, we strongly advise you stop turning the handle immediately to avoid damage to internal components and metal parts. (Please note: failing to do so could affect future warranty claims on moving parts).

Always keep the pergola louvers open and side screens up during heavy winds or extreme weather conditions to avoid damage to the pergola.

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Allowing people to climb onto the pergola or hanging anything from this product will affect your warranty!

# PRODUCT REGISTRATION

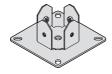


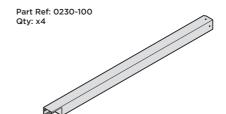
**IMPORTANT:** Thank you for purchasing our **Marchington Pergola**, ensure you have registered your HEX Living product using the unique serial number found on the cover of this document, please visit **www.hexliving.co.uk** to register your product and access the HEX Living lifetime warranty.

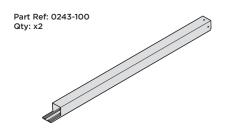
SCALE OF ITEMS WILL VARY TO AID VISUAL IDENTIFICATION.

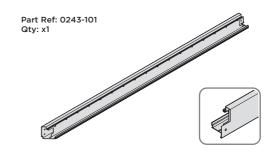
Part Ref: 0230-157

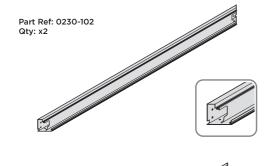
Qty: x6

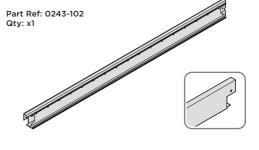


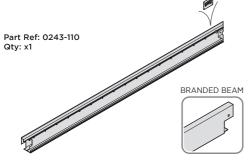


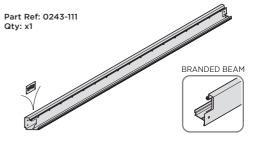




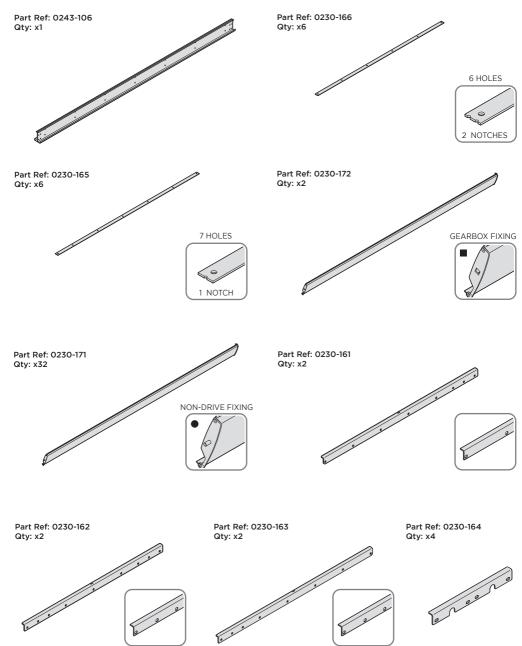








SCALE OF ITEMS WILL VARY TO AID VISUAL IDENTIFICATION.



SCALE OF ITEMS WILL VARY TO AID VISUAL IDENTIFICATION.

Part Ref: 0230-116 Qtv: x2



Part Ref: 0230-113

Qty: x64



Part Ref: 0230-134

Qty: x2



Part Ref: 0230-167

Qty: x2



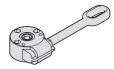
Part Ref: 0230-119

Qty: x2



Part Ref: 0230-121

Qty: x2



Part Ref: 0230-170

Qty: x2



Part Ref: 0230-123 Qty: x1



Part Ref: 0230-110

Qty: x4



Part Ref: 0230-131

Qty: x1



Part Ref: 0243-103

Qty: x2



Qty: x2

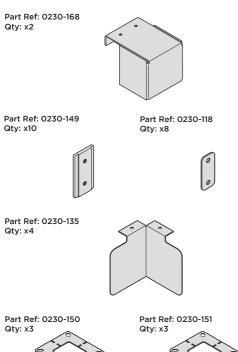
Part Ref: 0243 -107

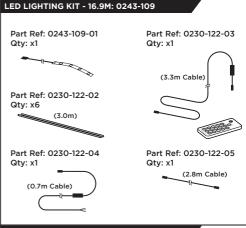
Part Ref: 0243 -115 Qty: x2





SCALE OF ITEMS WILL VARY TO AID VISUAL IDENTIFICATION.

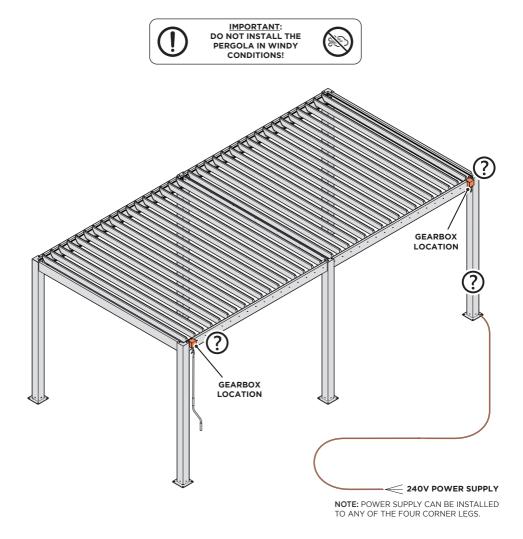




#### **GROUND FIXING KIT: 0243-113** Part Ref: 0230-154 M8 x 80mm Hex Head Set Screw Qty: x24 Part Ref: 0230-153 M8 Washer Qty: x24 Part Ref: 0230-152 M8 Anchor Shield Head Screw Qty: x24 **FIXING KIT: 0243-108** Part Ref: 0230-126 Part Ref: 0230-129 4.2 x 9.5 Pan Head Self Tapping Screw M10 x 20mm Pan Head Torx Bolt Qty: x115 Qty: x24 Part Ref: 0230-169 Part Ref: 313-0009Z M6 x 70mm Cap Screw No.8 x 13mm Eco Fix Qty: x6 Qty: x18 Part Ref: 0230-158 Part Ref: 0243-114 M10 x 14mm Hex Head Set Screw M6 Flange Nut Qty: x20 Qty: x8 Part Ref: 0230-128 Part Ref: 0262-16 M8 x 20mm Flanged Button M6 x 12mm Pan Head Torx Bolt Qty: x8 Head Screw Qty: x50 TOOLS REQUIRED Part Ref: 0262-17 8.3mm Nylon Flat Washer Qty: x34 Step Ladder · Pozi Head Screw Driver Spirit Level • 3 & 5mm Allen Keys Part Ref: 0262-18 M8 Nvlon Nut

 Electric Drill 13mm Spanner Qty: x50 Tape Measure Mini Hacksaw

PRIOR TO ASSEMBLING THE PERGOLA, IS IT IMPORTANT TO IDENTIFY WHICH ORIENTATION BEST SUITS THE END USER, PAYING PARTICULAR ATTENTION TO THE POWER SUPPLY AND GEARBOX POSITIONS.



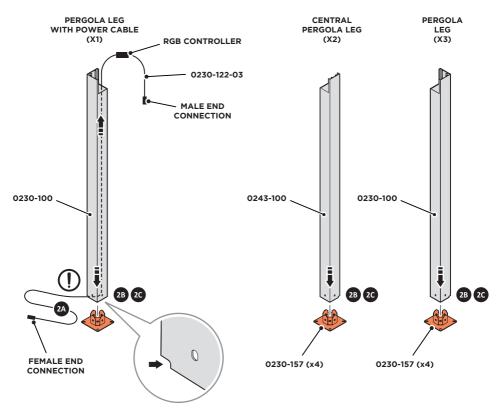


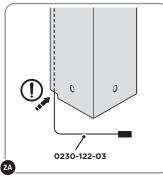


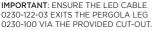


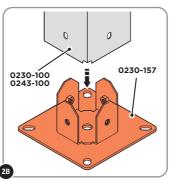
LOCATE AND SECURE PERGOLA LEGS 0243-100 & 0230-100 TO GROUND FIXING PLATE 0230-157, ENSURING THE LED CABLE 0230-122-03 IS INSTALLED INTO ONE OF THE PERGOLA'S LEGS.

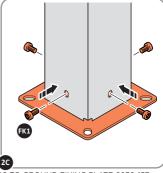








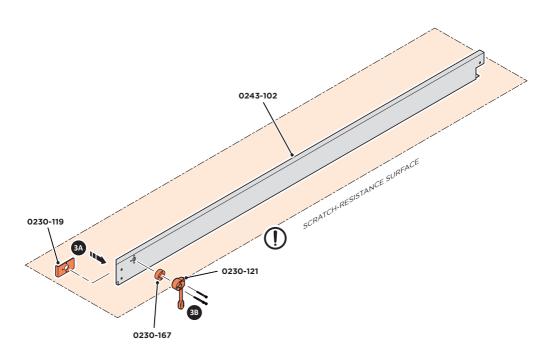


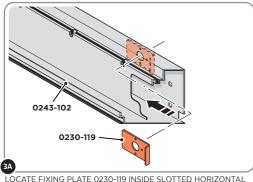


POSITION PERGOLA LEG 0243-100 & 0230-100 TO GROUND FIXING PLATE 0230-157. NOTE: TIGHTEN ALL BOLTS, REPEAT PROCESS ON ALL FOUR LEGS.

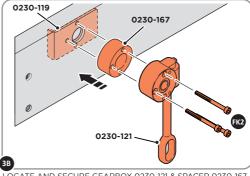
LOCATE AND SECURE GEARBOX 0230-121, SPACER 0230-167 & FIXING PLATE 0230-119 TO SLOTTED HORIZONTAL BEAM 0243-102. **NOTE**: USE A SCRATCH-RESISTANCE SURFACE.







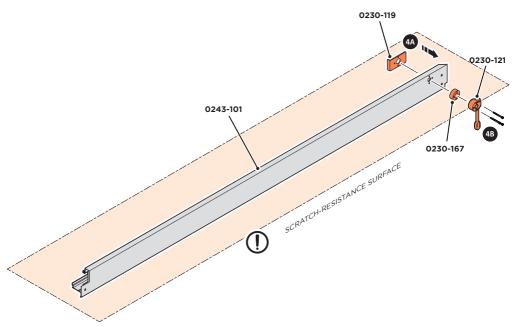
LOCATE FIXING PLATE 0230-119 INSIDE SLOTTED HORIZONTAL BEAM 0243-102, ENSURING FIXING HOLES ARE ALIGNED.

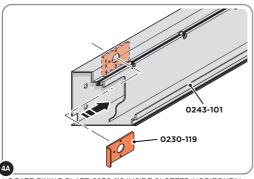


LOCATE AND SECURE GEARBOX 0230-121 & SPACER 0230-167 TO FIXING PLATE 0230-119, USING THREE BOLTS, AS SHOWN ABOVE.

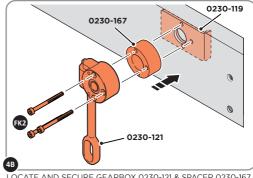
LOCATE AND SECURE GEARBOX 0230-121, SPACER 0230-167 & FIXING PLATE 0230-119 TO SLOTTED HORIZONTAL BEAM 0243-101. **NOTE:** USE A SCRATCH-RESISTANCE SURFACE.





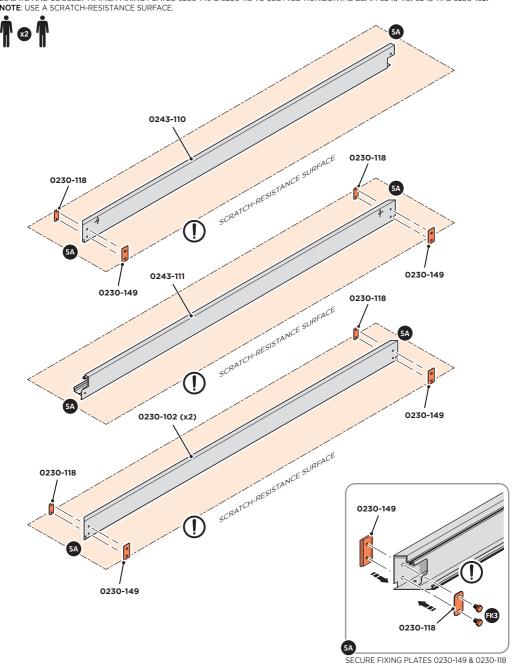


LOCATE FIXING PLATE 0230-119 INSIDE SLOTTED HORIZONTAL BEAM 0243-101, ENSURING FIXING HOLES ARE ALIGNED.



LOCATE AND SECURE GEARBOX 0230-121 & SPACER 0230-167 TO FIXING PLATE 0230-119, USING THREE BOLTS, AS SHOWN ABOVE.

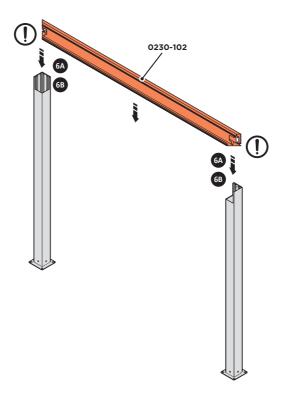
LOCATE AND LOOSELY ATTACH FIXING PLATES 0230-149 & 0230-118 TO SLOTTED HORIZONTAL BEAM 0243-110, 0243-111 & 0230-102. NOTE: USE A SCRATCH-RESISTANCE SURFACE.

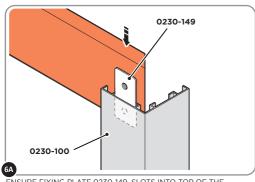


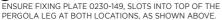
TO HORIZONTAL BEAMS. NOTE: LEAVE FIXING SCREWS LOOSE.

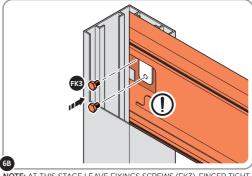
LOCATE PLAIN HORIZONTAL BEAMS 0230-102 INTO PERGOLA LEGS 0230-100.





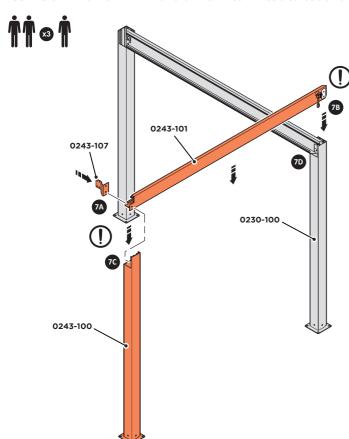


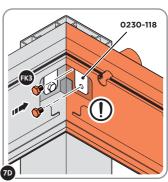




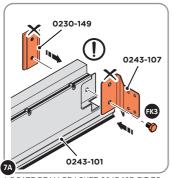
NOTE: AT THIS STAGE LEAVE FIXINGS SCREWS (FK3), FINGER TIGHT.

LOCATE SLOTTED HORIZONTAL BEAM 0243-101 INTO PERGOLA LEGS 0230-100 & 0243-100.

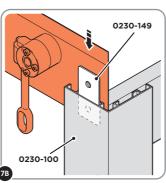




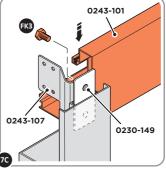
**NOTE:** AT THIS STAGE LEAVE FIXINGS SCREWS (FK3), FINGER TIGHT.



LOCATE BEAM BRACKET 0243-107. FIT TO HORIZONTAL BEAM AND SECURE TO LOWER PART OF FIXING PLATE 0230-149.



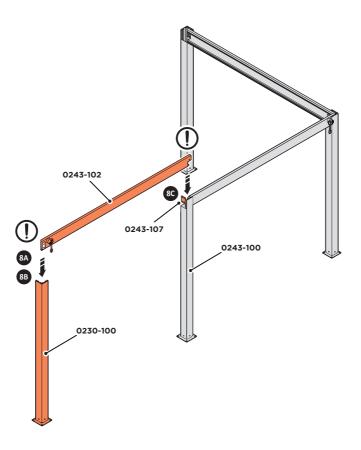
ENSURE FIXING PLATE 0230-149, SLOTS INTO TOP OF THE PERGOLA LEG, AS SHOWN ABOVE.

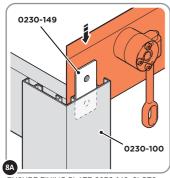


LOCATE BEAM BRACKET 0243-107. FIT TO HORIZONTAL BEAM AND SECURE TO LOWER PART OF FIXING PLATE 0230-149.

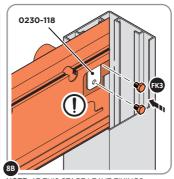
LOCATE SLOTTED HORIZONTAL BEAM 0243-112 INTO PERGOLA LEGS 0230-100 & 0243-100.



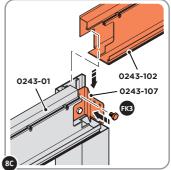




ENSURE FIXING PLATE 0230-149, SLOTS INTO TOP OF THE PERGOLA LEG AT BOTH LOCATIONS, AS SHOWN ABOVE.

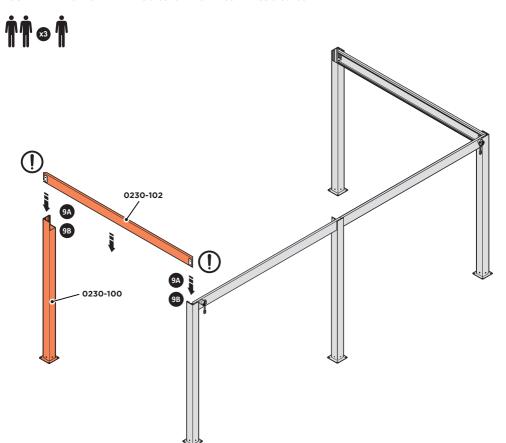


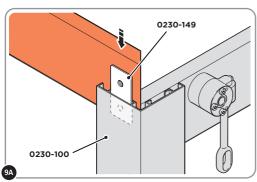
**NOTE:** AT THIS STAGE LEAVE FIXINGS SCREWS (FK3), FINGER TIGHT.



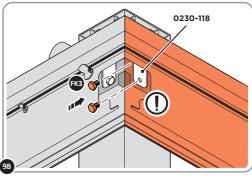
LOCATE BEAM BRACKET 0243-107. FIT TO SLOTTED HORIZONTAL BEAM. SECURE BOTH BEAMS TO FIXING PLATE 0230-149.

LOCATE PLAIN HORIZONTAL BEAMS 0230-102 INTO PERGOLA LEGS 0230-100.





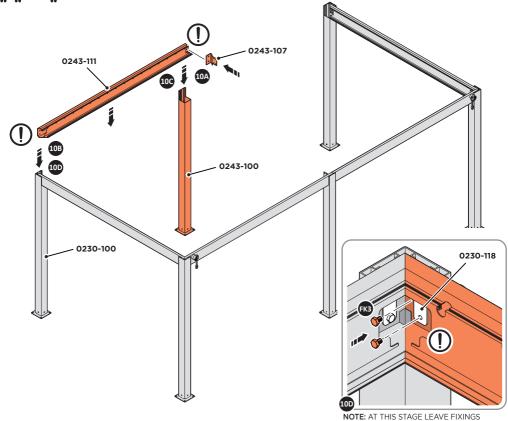
ENSURE FIXING PLATE 0230-149, SLOTS INTO TOP OF THE PERGOLA LEG AT BOTH LOCATIONS, AS SHOWN ABOVE.



NOTE: AT THIS STAGE LEAVE FIXINGS SCREWS (FK3), FINGER TIGHT.

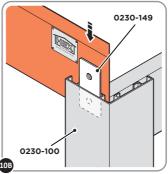
LOCATE SLOTTED BRANDED HORIZONTAL BEAM 0243-111 INTO PERGOLA LEGS 0230-100 & 0243-100.



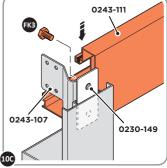


0230-149 0243-107 0243-111

LOCATE BEAM BRACKET 0243-107. FIT TO HORIZONTAL BEAM AND SECURE TO LOWER PART OF FIXING PLATE 0230-149.



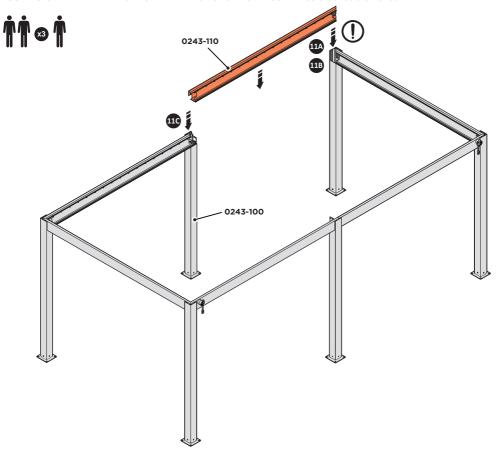
ENSURE FIXING PLATE 0230-149, SLOTS INTO TOP OF THE PERGOLA LEG, AS SHOWN ABOVE.

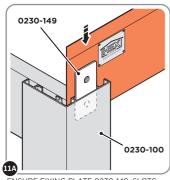


SCREWS (FK3), FINGER TIGHT.

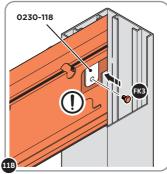
LOCATE BEAM BRACKET 0243-107. FIT TO HORIZONTAL BEAM AND SECURE TO LOWER PART OF FIXING PLATE 0230-149.

LOCATE SLOTTED BRANDED HORIZONTAL BEAM 0243-110 INTO PERGOLA LEGS 0230-100 & 0243-100.

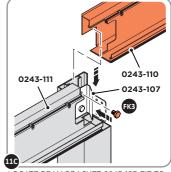




ENSURE FIXING PLATE 0230-149, SLOTS INTO TOP OF THE PERGOLA LEG AT BOTH LOCATIONS, AS SHOWN ABOVE.

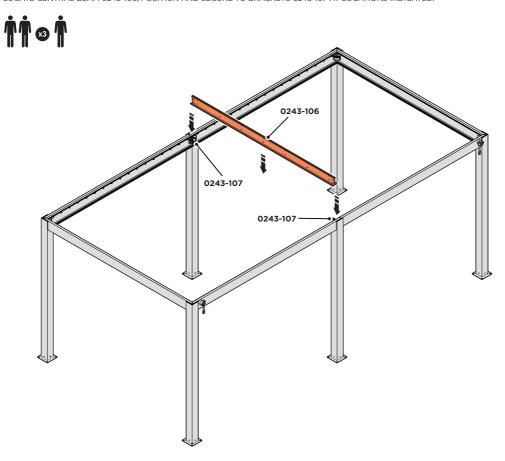


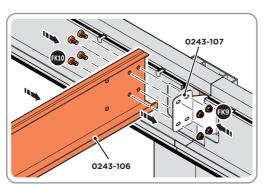
**NOTE:** AT THIS STAGE LEAVE FIXINGS SCREWS (FK3), FINGER TIGHT.



LOCATE BEAM BRACKET 0243-107. FIT TO SLOTTED HORIZONTAL BEAM. SECURE BOTH BEAMS TO FIXING PLATE 0230-149.

LOCATE CENTRAL BEAM 0243-106, POSITION AND SECURE TO BRACKETS 0243-107 AT LOCATIONS INDICATED.

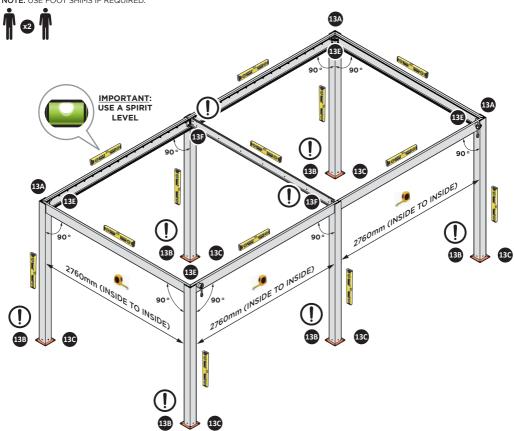


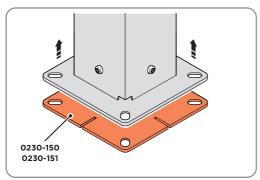


LOCATE CENTRAL BEAM 0243-106, FIT TO BEAM BRACKET 0243-107 USING M6 BOLTS AND M6 FLANGE NUTS. REPEAT PROCEDURE TO SECURE OPPOSITE SIDE BRACKET, FINGER TIGHT.

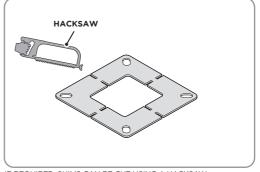
**IMPORTANT:** CHECK PERGOLA FRAME FOR SQUARENESS AND THAT THE INNER LEG WIDTH CONFORMS TO THE REFERENCE DIMENSION STATED BELOW.

NOTE: USE FOOT SHIMS IF REQUIRED.





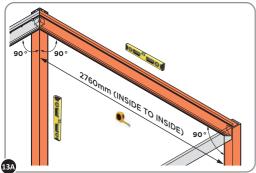




IF REQUIRED, SHIMS CAN BE CUT USING A HACKSAW.

#### **ASSEMBLY STAGE 13 (CONTINUED)**

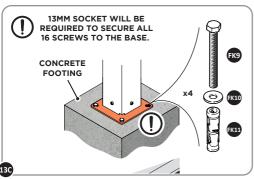
NOTE: RE-CHECK MEASUREMENTS AND THAT THE FRAME IS LEVEL AND SQUARE, BEFORE DRILLING.
IMPORTANT: UPON COMPLETION OF THIS PROCEDURE ENSURE ALL FIXINGS ARE TIGHT, BEFORE CONTINUING!



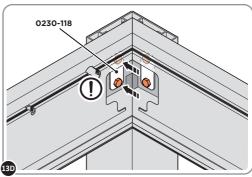
IMPORTANT: CHECK BEAM AND TWO CONTECTING LEGS FOR SQUARENESS. USE A SPIRIT LEVEL. IF ALL IS SQUARE AND MEASUREMENTS ARE CORRECT, YOUR READY FOR DRILLING 9B.



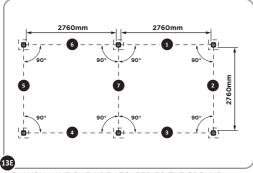
DRILL FOUR HOLES FOR EACH LEG, TO ALLOW YOU TO SECURE THE FIXING KIT.



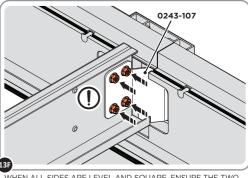
USE THE GROUND FIXING KIT 0230-155 TO SECURE EACH FOOT TO THE GROUND.



WHEN THE CORNER IS LEVEL AND SQUARE, ENSURE THE CORNER BOLTS ARE TIGHTENED UP.



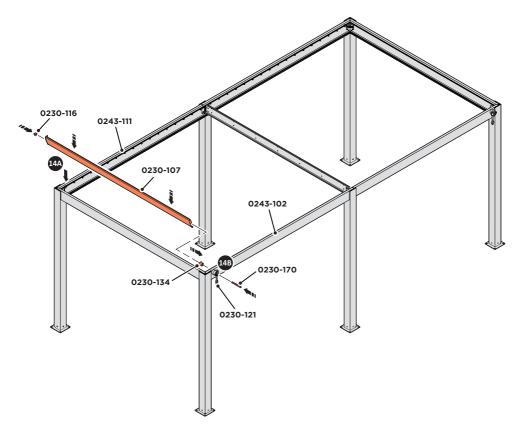
NOW YOU HAVE ONE SIDE SECURED TO THE GROUND, REPEAT THE SAME PROCESS FOR EACH OF THE OTHER SIDES.

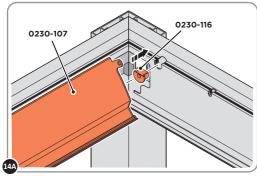


WHEN ALL SIDES ARE LEVEL AND SQUARE, ENSURE THE TWO CENTRAL BEAM BRACKET'S ARE FULLY SECURE, ALL NUTS AND BOLTS ARE TIGHTENED UP.

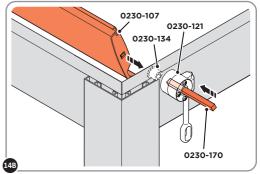
LOCATE BUSH 0230-134 INTO PERGOLA FRAME, BEFORE LOCATING DRIVING LOUVER 0230-107 AT THE OPPOSITE END USING BUSH 0230-113. INSERT DRIVING PIN 0230-108 THOUGH GEARBOX INTO DRIVING LOUVER 0230-107.







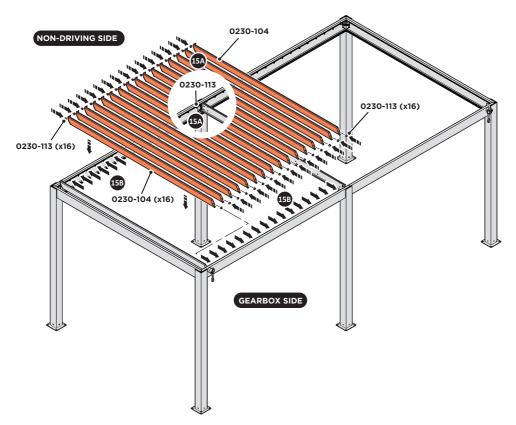
LOCATE AND SECURE LOUVER BEARING 0230-116 ONTO LOUVER 0230-107, SECURE TO BEAM 0243-111 ON NON-DRIVE SIDE.

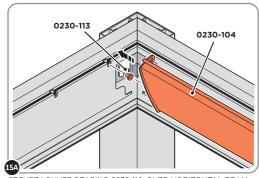


LOCATE AND PUSH DRIVING PIN 0230-170 THROUGH GEARBOX AND BUSH 0230-134, SECURE LOUVER 0230-107 TO DRIVING PIN.

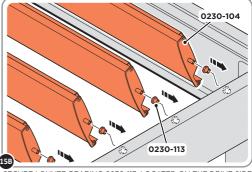
LOCATE AND SECURE LOUVERS 0230-104 USING BEARINGS 0230-113 AT LOCATIONS INDICATED.





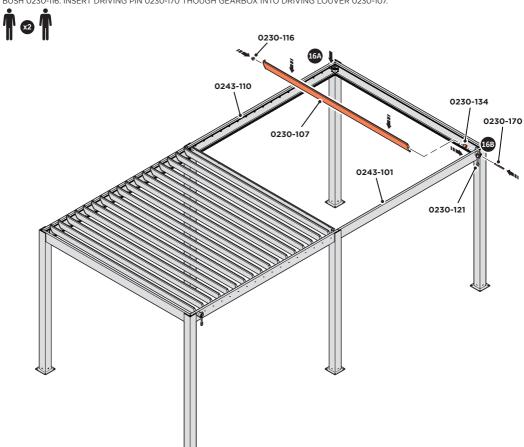


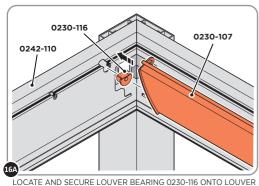
SECURE LOUVER BEARING 0230-116, ONTO HORIZONTAL BEAM 0230-136. INSERT LOUVER 0230-104 INTO BEARING, AS SHOWN ABOVE.



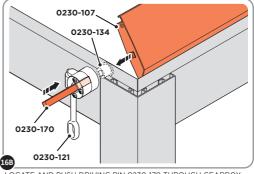
SECURE LOUVER BEARING 0230-113, LOCATED ON THE DRIVE SIDE TO BEAM AS SHOWN ABOVE.

LOCATE BUSH 0230-134 INTO PERGOLA FRAME, BEFORE LOCATING DRIVING LOUVER 0230-107 AT THE OPPOSITE END USING BUSH 0230-116. INSERT DRIVING PIN 0230-170 THOUGH GEARBOX INTO DRIVING LOUVER 0230-107.



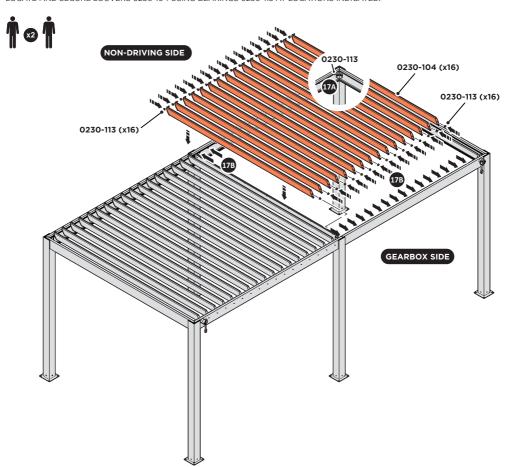


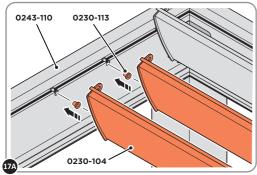
0230-107, SECURE TO BEAM 0243-101 ON NON-DRIVE SIDE.



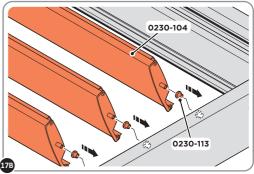
LOCATE AND PUSH DRIVING PIN 0230-170 THROUGH GEARBOX AND BUSH 0230-134, SECURE LOUVER 0230-107 TO DRIVING PIN.

LOCATE AND SECURE LOUVERS 0230-104 USING BEARINGS 0230-113 AT LOCATIONS INDICATED.



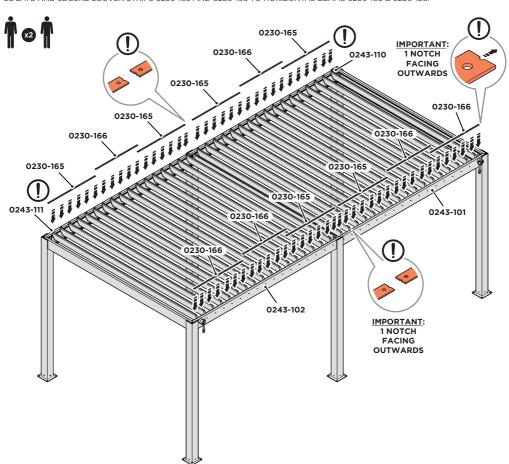


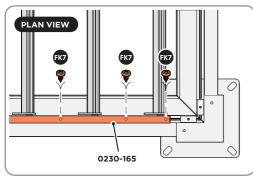
LOCATE AND SECURE LOUVER BEARING 0230-113 ONTO LOUVER 0230-104, SECURE TO BEAM 0243-110 ON NON-DRIVE SIDE.



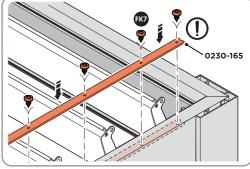
SECURE LOUVER BEARING 0230-113, LOCATED ON THE DRIVE SIDE TO BEAM AS SHOWN ABOVE.

LOCATE AND SECURE LOUVER STRIPS 0230-165 AND 0230-166 TO HORIZONTAL BEAMS 0230-103 & 0230-136.



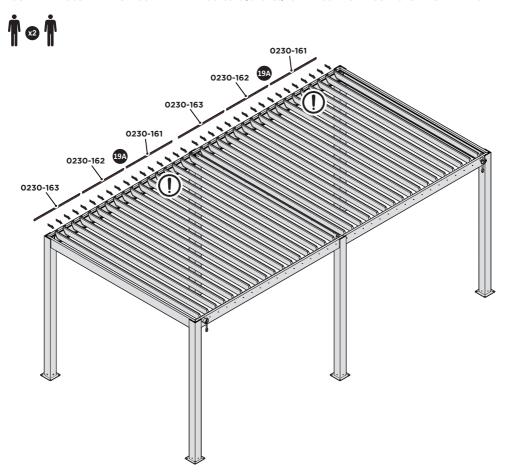


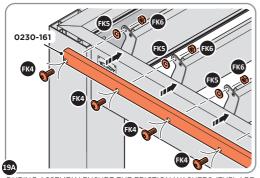
SECURE LOUVER CLAMPS TO HORIZONTAL BEAM USING SELF TAPPING SCREWS (FK7). MAKE SURE YOU ALIGN HOLES EQUALLY BETWEEN LOUVERS, AS SHOWN ABOVE.



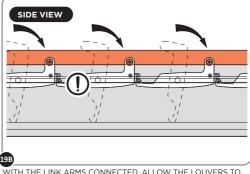
NOTE: MAKE SURE LOUVER CLAMP 0230-165 IS POSITIONED WITH THE 1 NOTCH FACINGS OUTWARDS, AS SHOWN ABOVE.

LOCATE AND LOOSELY ATTACH LOUVER LINK ARMS 0230-161,162 & 163, TO ALL LOUVERS AT LOCATIONS INDICATED BELOW.





DURING ASSEMBLY ENSURE THE FRICTION WASHERS (FK5) ARE LOCATED BETWEEN THE LINK ARM AND LOUVERS. LEAVE FIXINGS FINGER TIGHT.

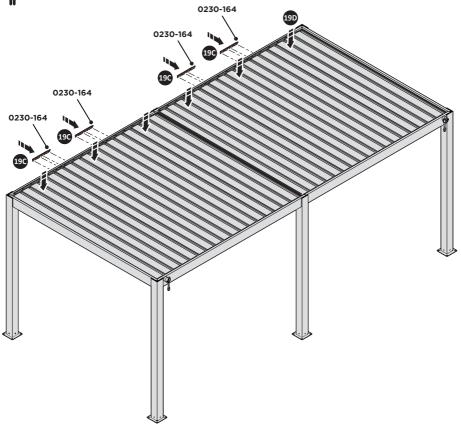


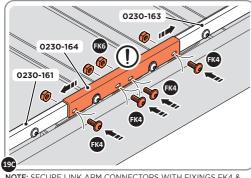
WITH THE LINK ARMS CONNECTED, ALLOW THE LOUVERS TO REST IN THEIR CLOSED POSITION.

# **ASSEMBLY STAGE 19 (CONTINUED)**

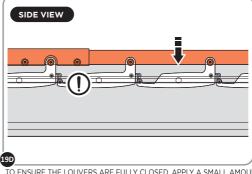
LOCATE AND SECURE 0260-164 LINK ARM CONNECTORS TO LOUVERS LINK ARMS. TOOLS REQUIRED: 13MM SPANNER AND 5MM ALLEN KEY.





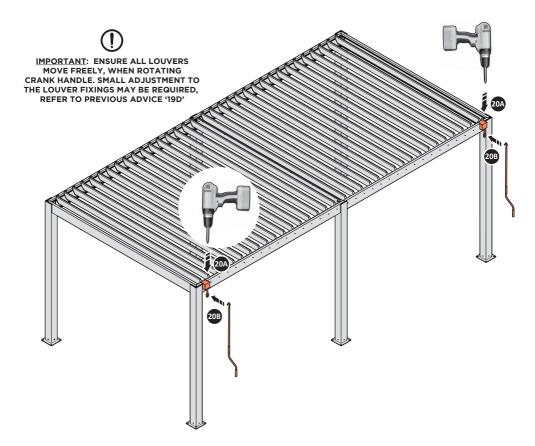


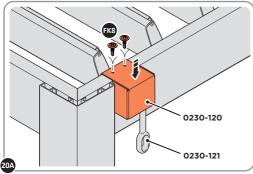
**NOTE:** SECURE LINK ARM CONNECTORS WITH FIXINGS FK4 & FK6 AND FULLY TIGHTEN.



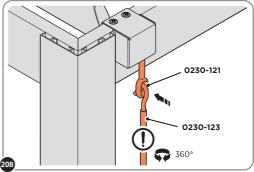
TO ENSURE THE LOUVERS ARE FULLY CLOSED, APPLY A SMALL AMOUNT OF DOWNWARDS PRESSURE BEFORE TIGHTENING UP ALL THE FIXINGS. **NOTE:** ENSURING THEY CAN STILL FREELY ROTATE AFTERWARDS.

LOCATE AND SECURE GEARBOX COVER 0230-120 TO TOP OF PERGOLA BEAM 0230-120. LOCATE AND ATTACH CRANK HANDLE 0230-123 TO GEARBOX 0230-121.





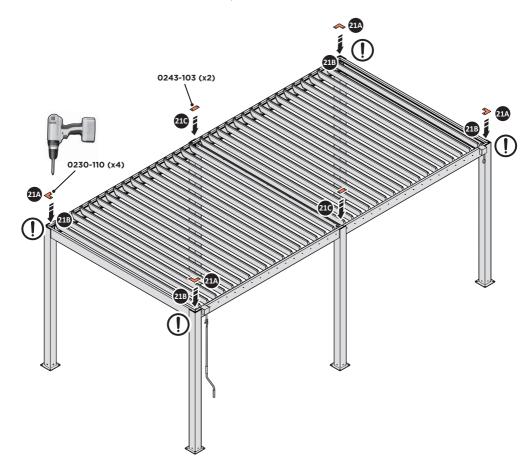
LOCATE GEARBOX COVER 0230-120 AND SECURE TO TOP OF PERGOLA BEAM USING X2 ECO FIX SCREWS (FK8).

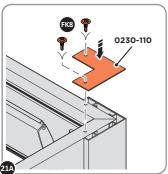


ATTACH CRANK HANDLE 0230-123 TO GEARBOX 0230-121.

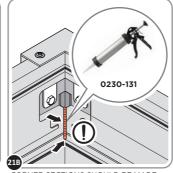
NOTE: CHECK CRANK HANDLE ROTATES 360°, WHILST OPERATING LOUVERS.

LOCATE AND SECURE CORNER POST CAPS 0230-110 AND CENRAL POST CAPS 0243-103 TO TOPS OF PERGOLA LEGS. NOTE: CORNER SECTIONS SHOULD BE MADE WATERTIGHT, USING SEALANT 0239-131.

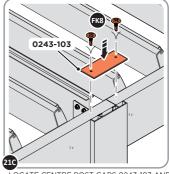




LOCATE CORNER POST CAPS 0230-110 AND SECURE TO PERGOLA LEGS USING (X2) ECO FIX SCREWS (FK8).

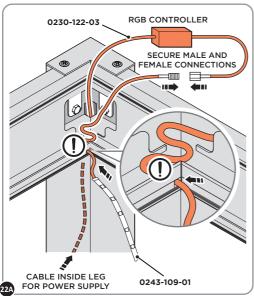


CORNER SECTIONS SHOULD BE MADE WATERTIGHT WITH SEALANT PROVIDED.

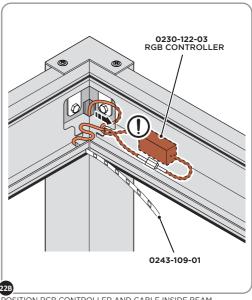


LOCATE CENTRE POST CAPS 0243-103 AND SECURE TO PERGOLA LEGS USING (X2) ECO FIX SCREWS (FK8).

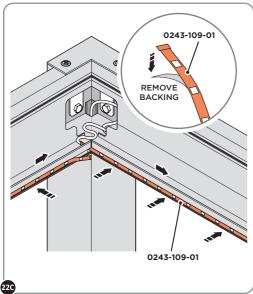
LOCATE AND SECURE THE LED LIGHTS 0243-109-01 AND LED DIFFUSERS STRIPS 230-122-02 INTO THE LIGHTING CHANNEL ALONG THE HORIZONTAL BEAMS.



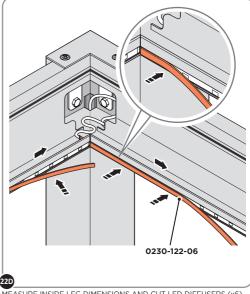
LOCATE RGB CONTROLLER 0230-122-03 AND CONNECT TO LED LIGHT CONNECTOR 0243-109-01. POSITION CABLE THROUGH GAP, AS SHOWN ABOVE. AS SHOWN ABOVE.



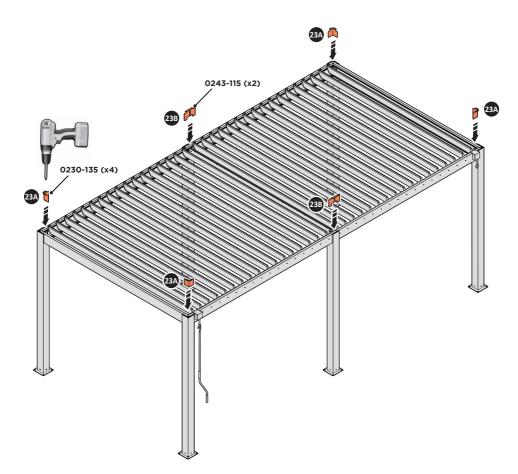
POSITION RGB CONTROLLER AND CABLE INSIDE BEAM

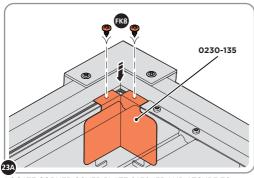


LOCATION LED STRIP 0243-109-01, PEEL-OFF PROTECTIVE ADHESIVE MEASURE INSIDE LEG DIMENSIONS AND CUT LED DIFFUSERS (x6) BACKING AND ADHERE LED LIGHTS TO BEAM AS SHOWN ABOVE. 0230-122-02 TO LENGTH. PUSH AND CLICK INTO THE CHANNELS. THE LED STRIP FITS IN THE GROVE ALL ROUND THE FOUR SIDES.

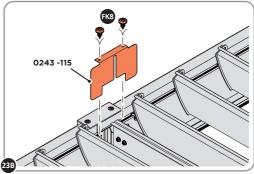


LOCATE AND SECURE CORNER COVER PLATES 0230-135 AND SECURE CENTRE COVER PLATES 0243-115 AS SHOWN BELOW.



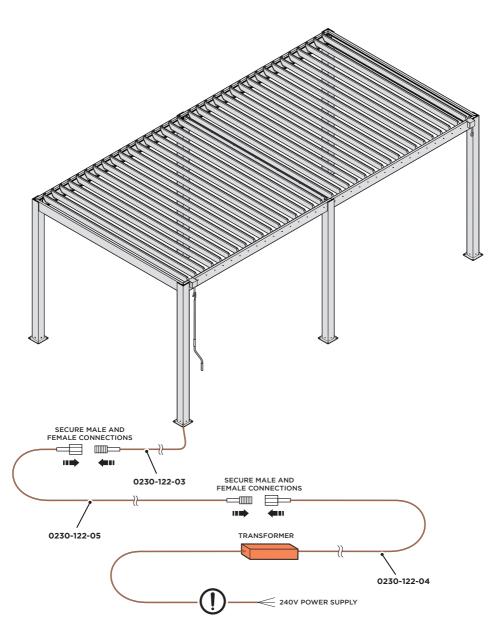


LOCATE CORNER COVER PLATE 0230-135 AND SECURE TO HORIZONTAL BEAM USING SELF TAPPING SCREWS (FK8).



LOCATE CENTRE COVER PLATE 0243-115 AND SECURE TO HORIZONTAL BEAM USING SELF TAPPING SCREWS (FK8).

LOCATE AND SECURE LED POWER CABLE 0230-122-05, USE OPTIONAL EXTENSION CABLE 0230-122-04, IF REQUIRED.









NOTES	

NOTES

# Caring for your HEX Living product

Your HEX Living product is designed to stand the test of time, which is why we're happy to offer a lifetime warranty on our products. With zero maintenance required, simply assemble your HEX Living product, and enjoy putting it to great use in your garden.

Periodically, you might want to give your product a clean, these simple care tips are not essential to the performance of your product:

- Remove surface dirt with plain water using a jet wash or sponge, the coating on our products will ensure dirt or mud simply wipes away.
- If you've purchased a HEX Living metal pergola, periodically clear the roof of fallen leaves.
- If your product has blinds, regular cleaning and remove of garden debris as you would on your home.

# Ensure you have registered your HEX Living product

Using the unique serial number found on the cover of this document, please visit www.hexliving.co.uk to register your product and access the HEX Living lifetime warranty and video instructions.

Customer Service: +44 (0) 1889 272 056











