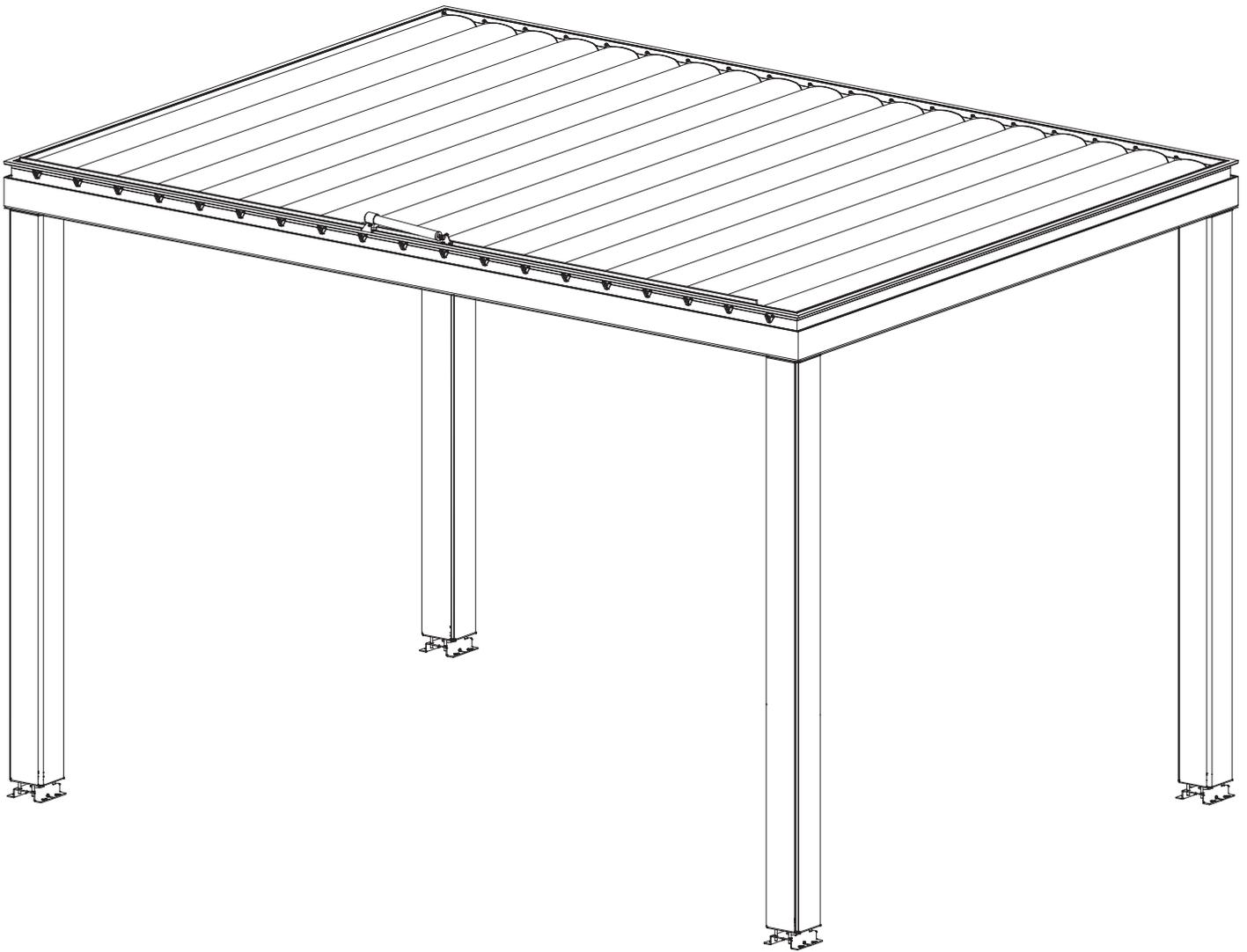


AC2000 motorised pergola installation manual

version 2 , September 2024



**Please read the installation manual carefully to avoid any problems
All the Best!**

Steps & Parts

1. Posts

2. Beam

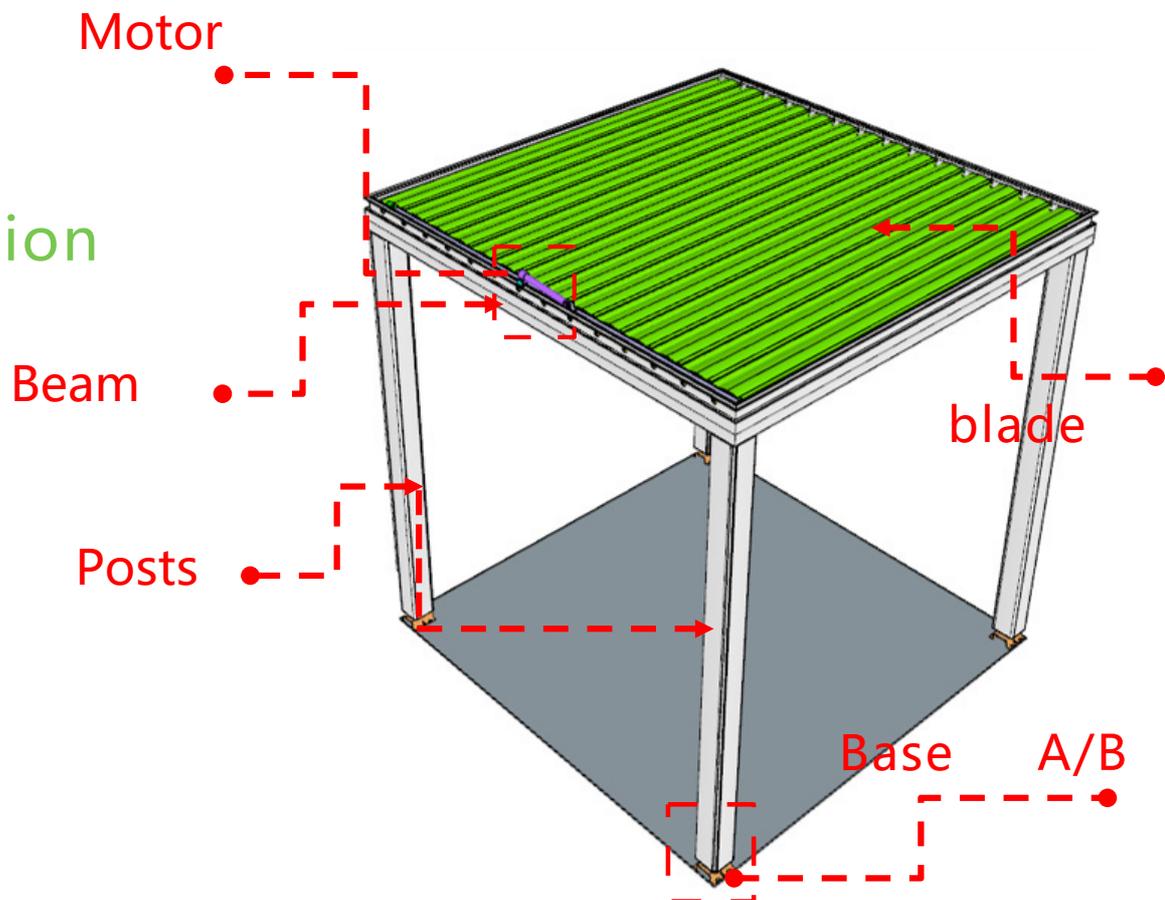
3. Connection

4. Gutter

5. Blades

6. Motor

7. Finish



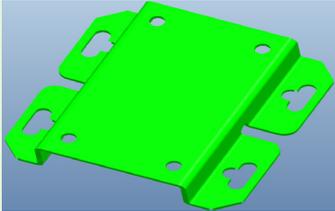
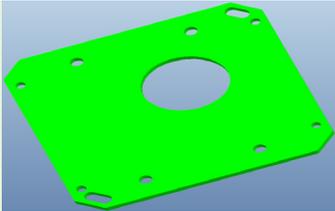
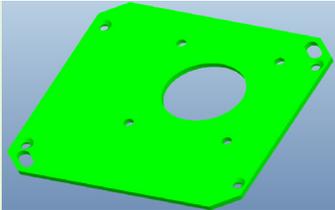
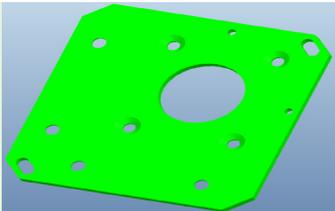
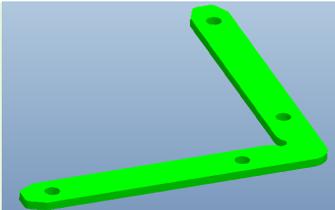
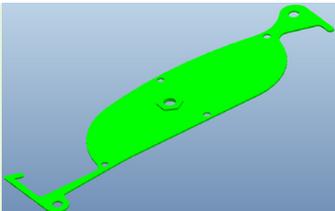
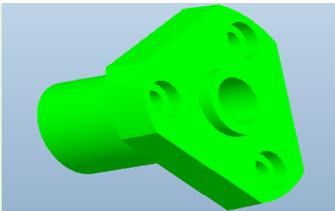
Parts&Accessories A

Post Bolts		M10*100	A
Post Base Screws		M10*55	B
Post screws		M6*40	C
Post Top Screws		M10*16	D
Beam Base Screws		M8*16	E
Beam Side Screws		M5*19	F
Sink Iron Angle Screw		M4*16	G
Gutter Screws		M6*10	H

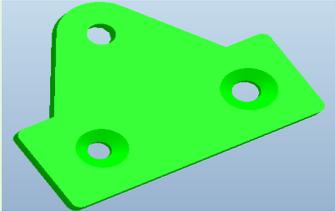
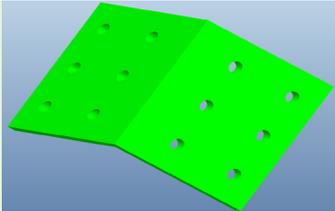
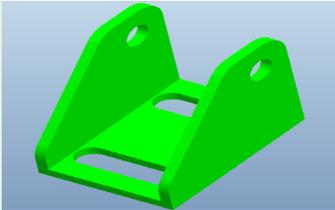
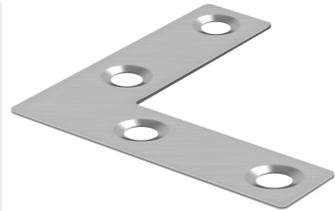
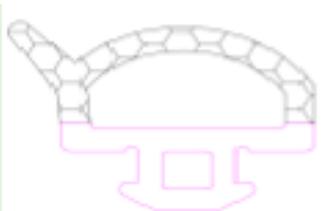
Parts&Accessories B

Blade Screws		D10*M8*45	I
Blade cover Screws		M4*12	J
PC Base Screws		M4*16	K
Drag Bar Screws		D6*M5*5	L
Connecting Rod Screws		M5*12	M
Motor Base Screws		M8*12	N
Motor Screws		D8*M16*30	O
Motor sleeve		L18 D8.2	P

Parts&Accessories C

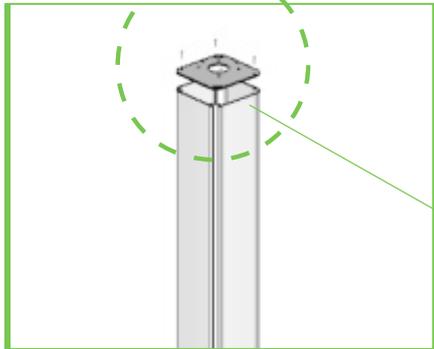
Column Base A	DDBY220-PJ-01		170*170*39
Column Base B	DDBY220-PJ-02		170*170*4.0
Column Connecting Plate A	DDBY220-PJ-03		170*170*4.0
Column Connecting Plate B	DDBY220-PJ-04		170*170*4.0
Beam L Part	DDBY220-PT-05		135*135*7.0
Blade Seal	DDBY220-PJ-06		222*71*2.0
D10 Spin Base	DDBY220-FJ-07		44*44*28

Parts&Accessories D

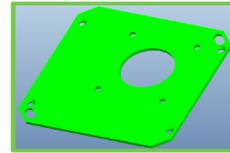
Drive Rod Wwivel Seat	DDBY-FJ-01		60*53*4.0
Side Beam Corner Code	DDBY-PJ-05		50*50*3.0
Motor Base	DDBY-PJ-06		50*37*38
Sink Iron Angle Piece	DDBY-PJ-07		12.2*12.2*1.8
Motor DC24V	AM36-D800N		36*36*450
Downpipe Connector	SMR-P18		∅50
Blade Adhesive Strip	SMR-P19		10.5*5.5

1. Post assemble

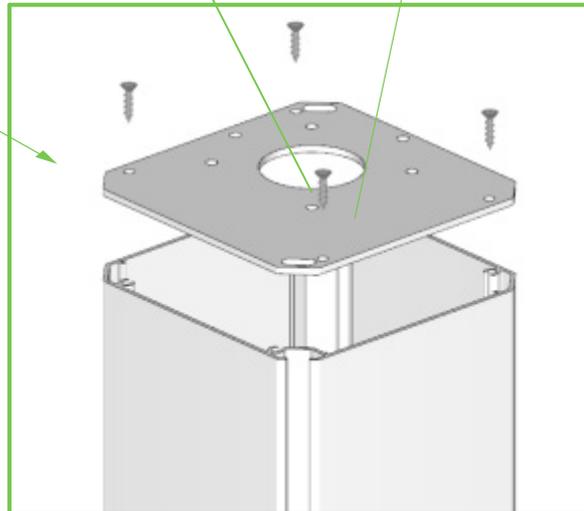
Top



screw C

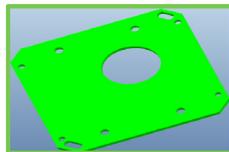
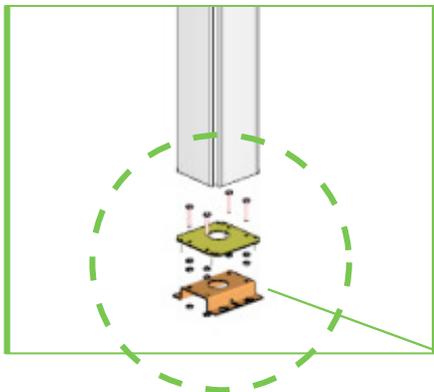


Column Connecting Plate A



Finished

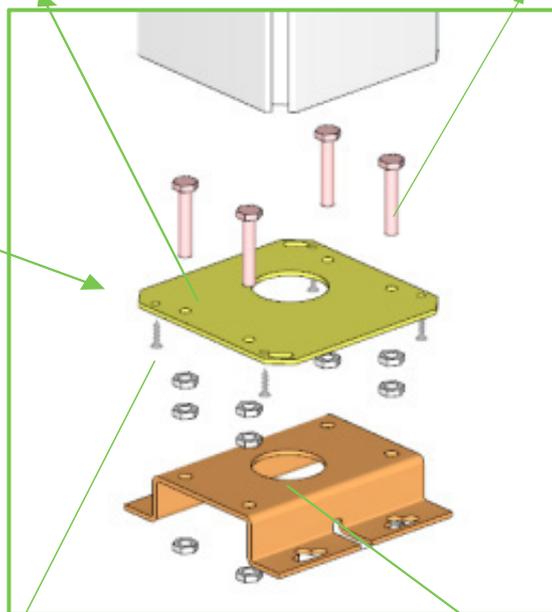
Bottom



Column base B



Screw B

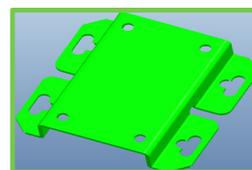


Base finished

* This step is done at the factory

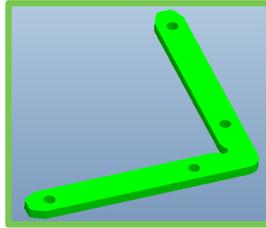
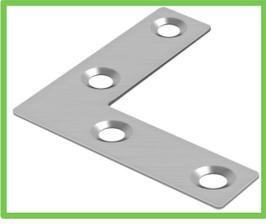


Screw C

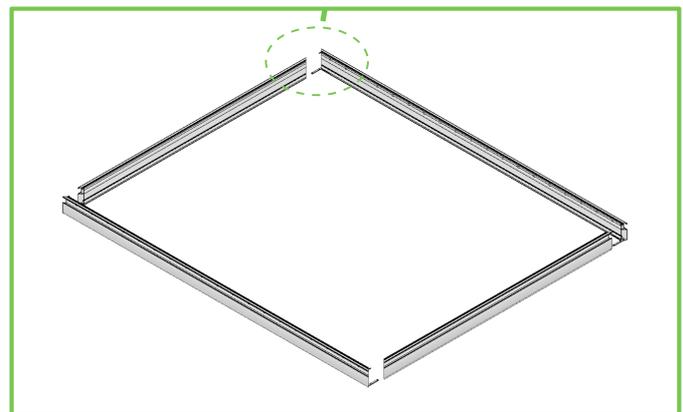
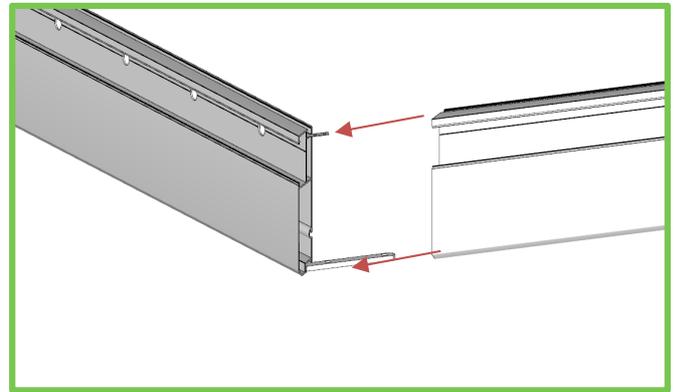
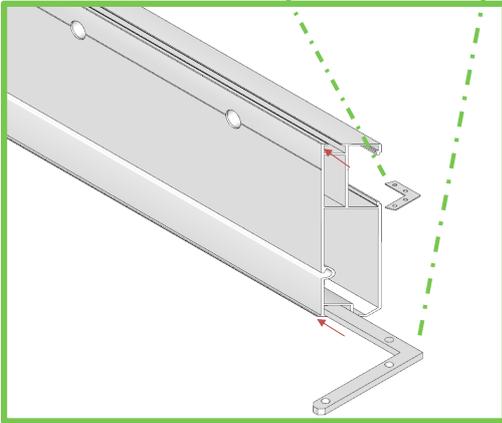


Column base A

2.Beam assemble 1

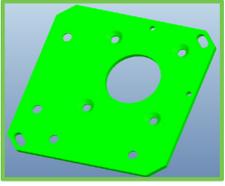


Sink Iron Angle Piece beam L part



Connect beams

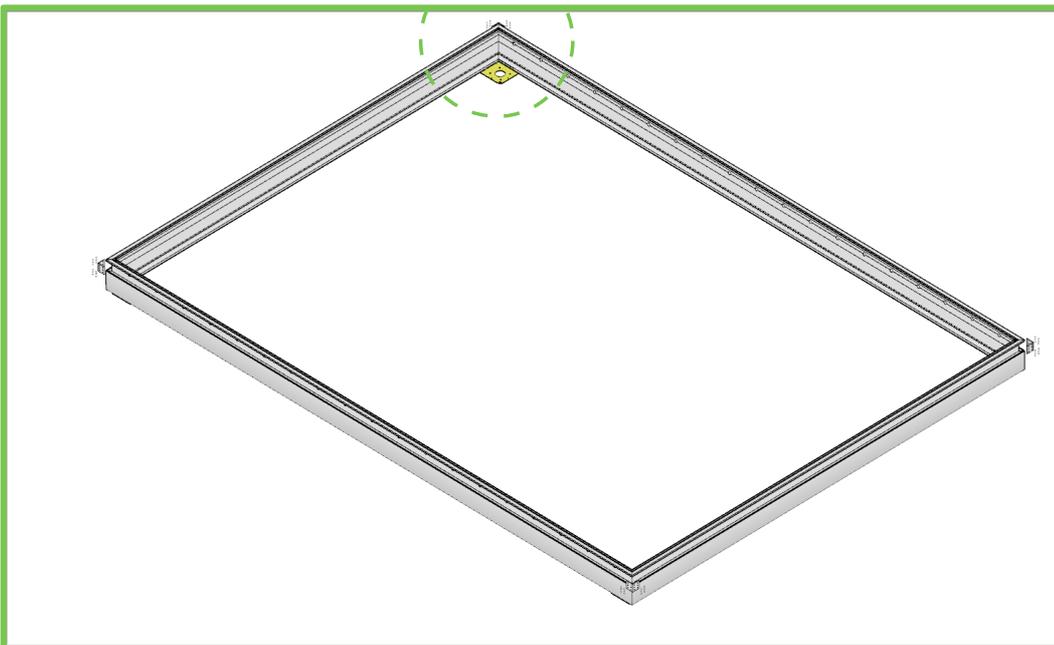
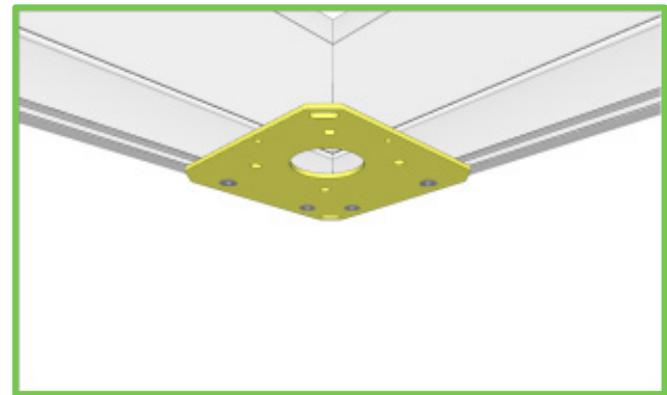
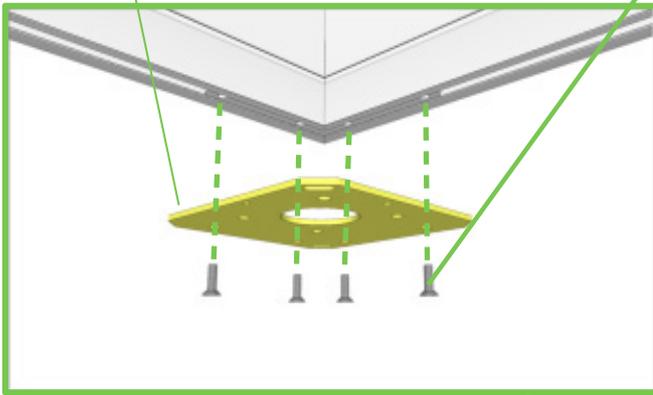
2.Beam assemble 2



Column Connecting Plate A



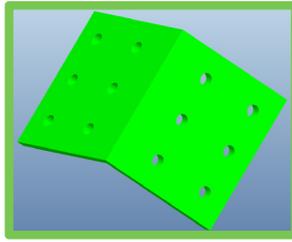
Screw E



2.Beam assemble 3



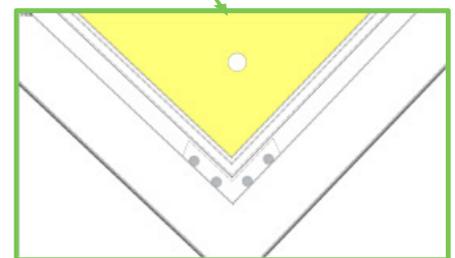
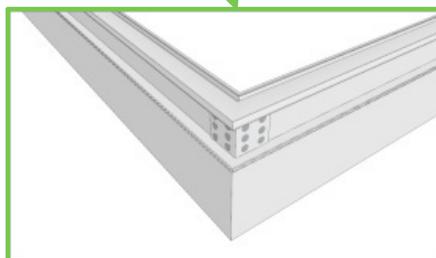
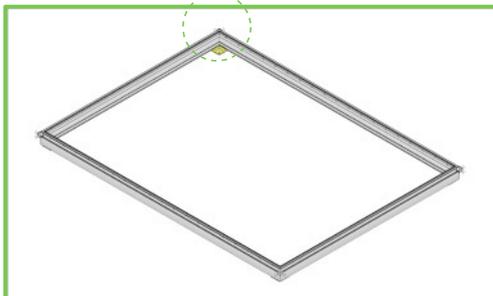
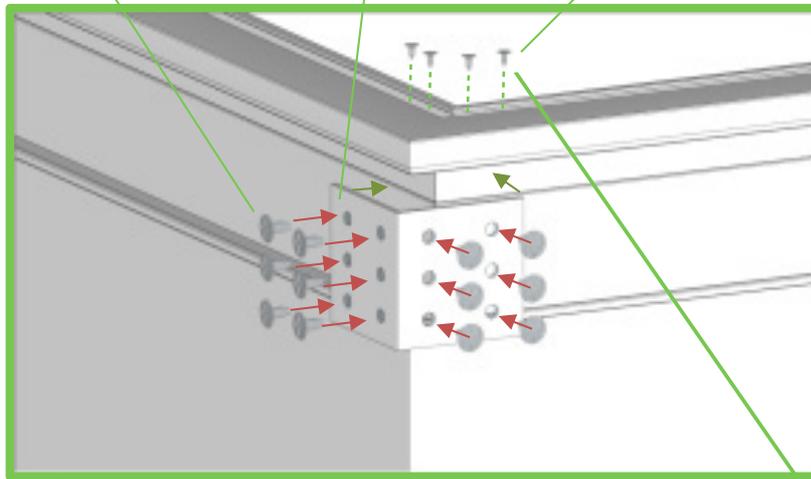
Screw F



Side Beam Corner Code

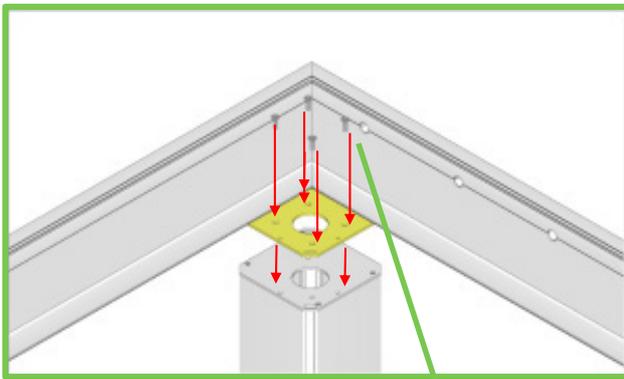
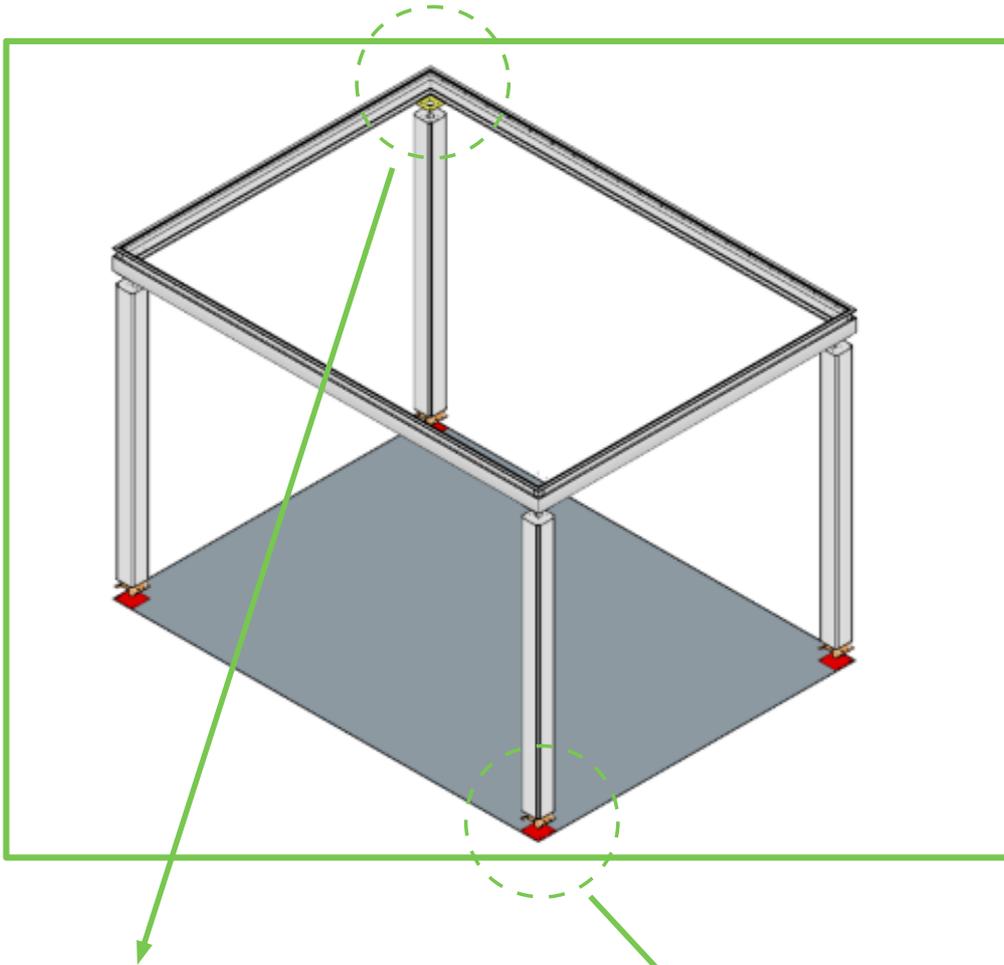


Screw G

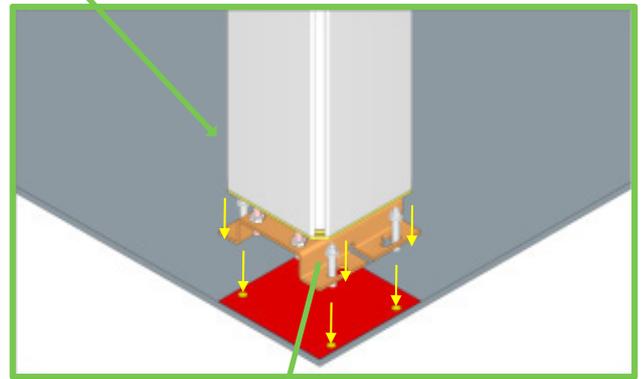


Fixing hinges and connections

2. Beam assemble 4



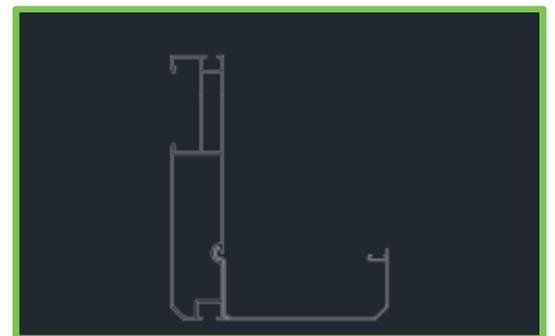
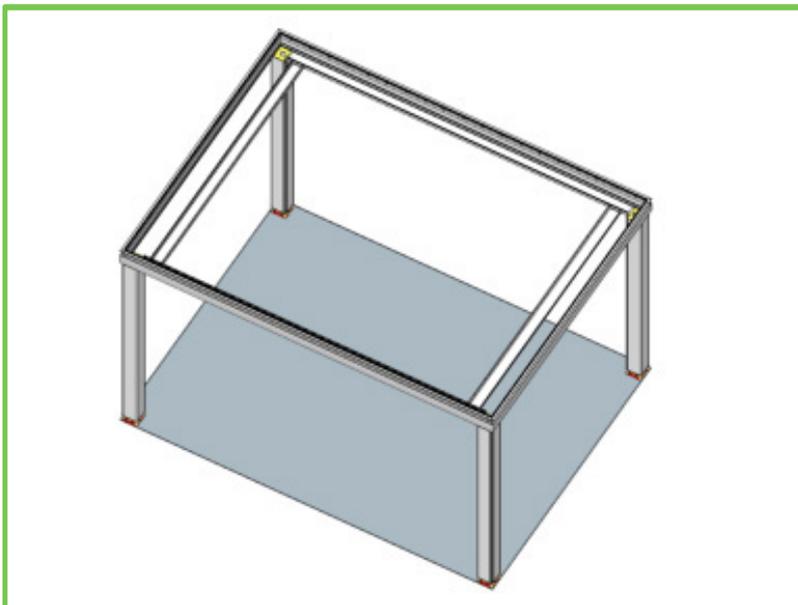
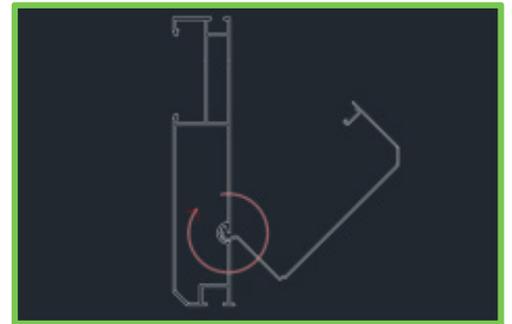
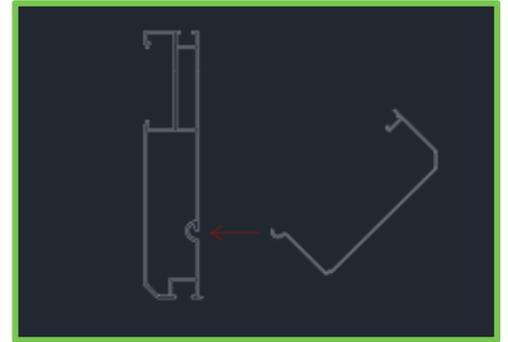
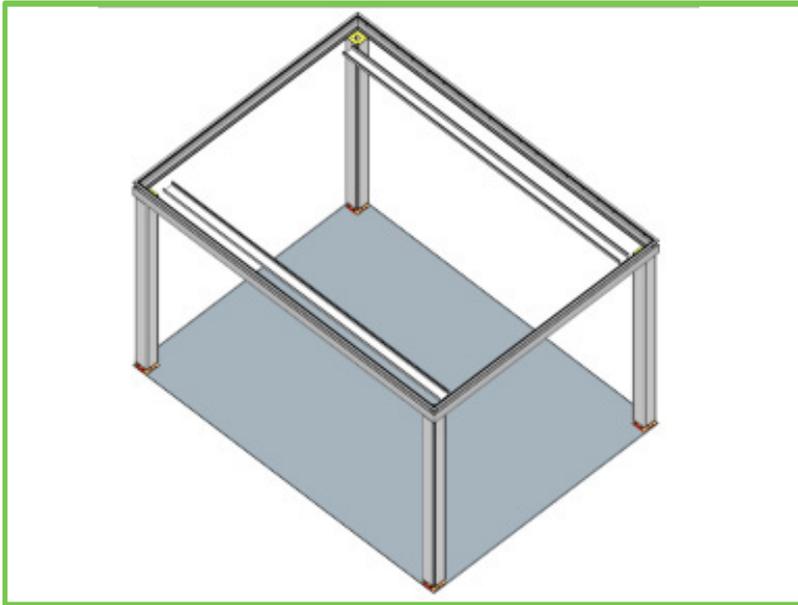
Screw D



Screw A

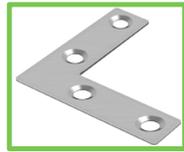
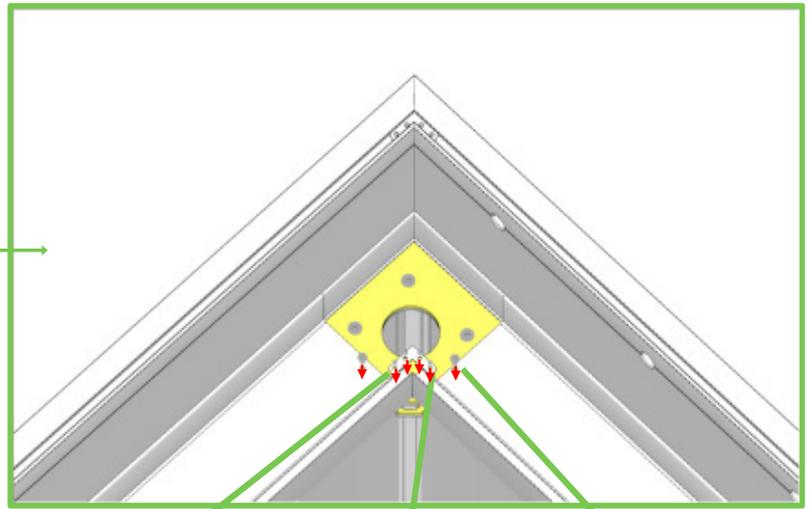
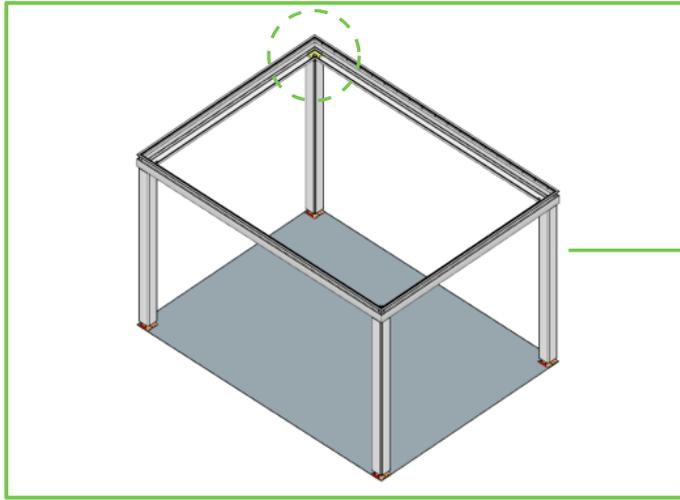
Ps: once finished above, follow the position and anchor one bolt to ground
When the frame is complete, you must level 4 corners, then anchor the rest.

3. Gutter assemble 1



Gutter to beams

3. Gutter assemble 2



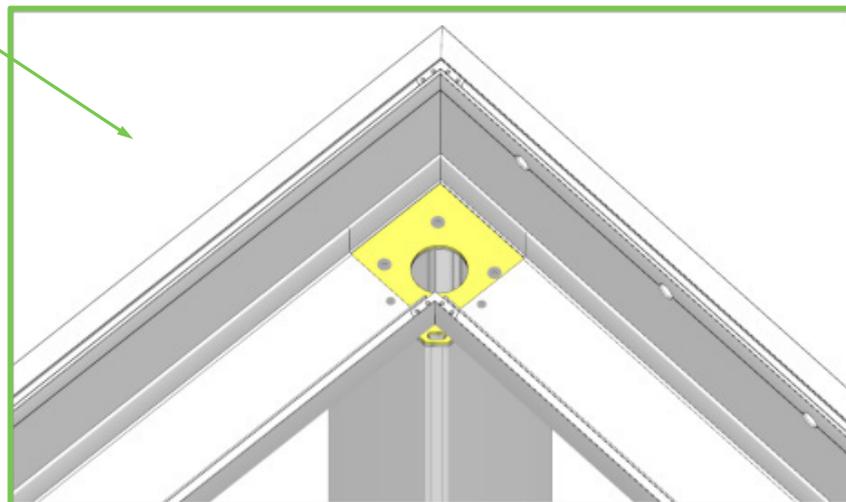
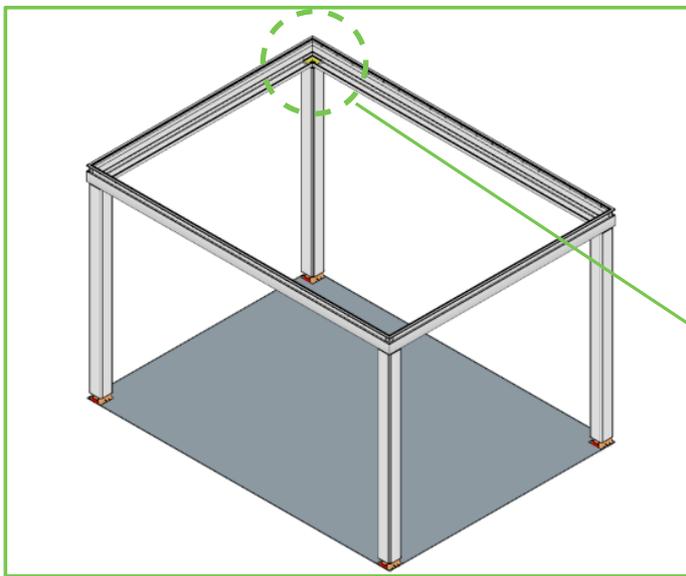
Triangle plate



Screw G

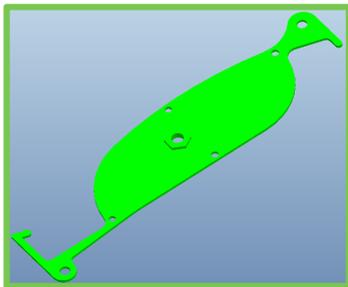
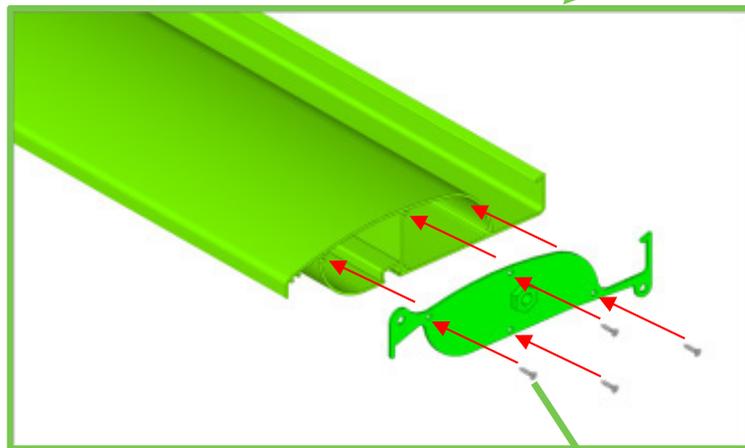
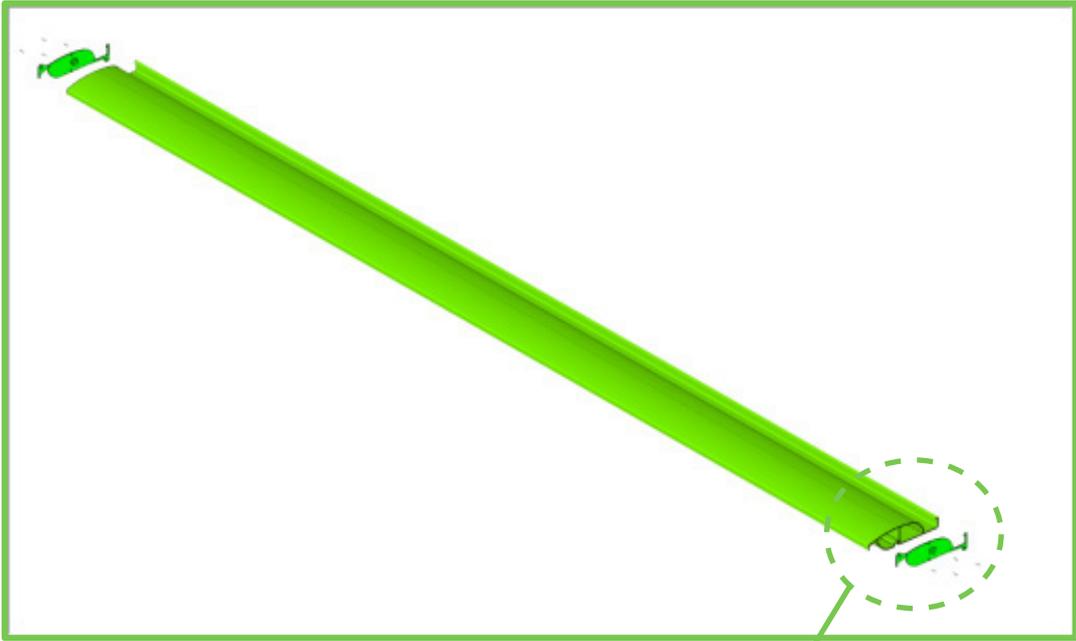


Screw H



Gutter when finished assembling

4. Blade assemble 1



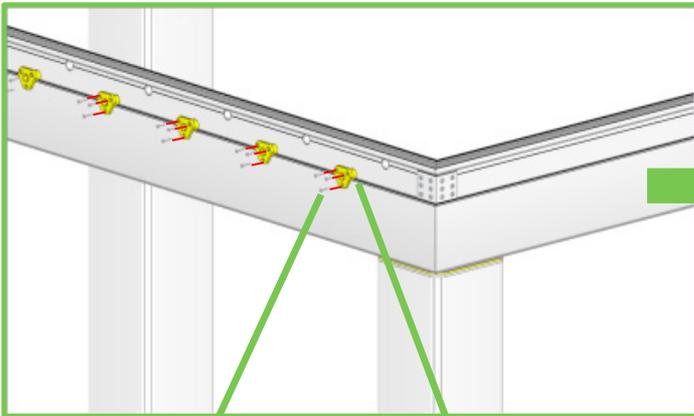
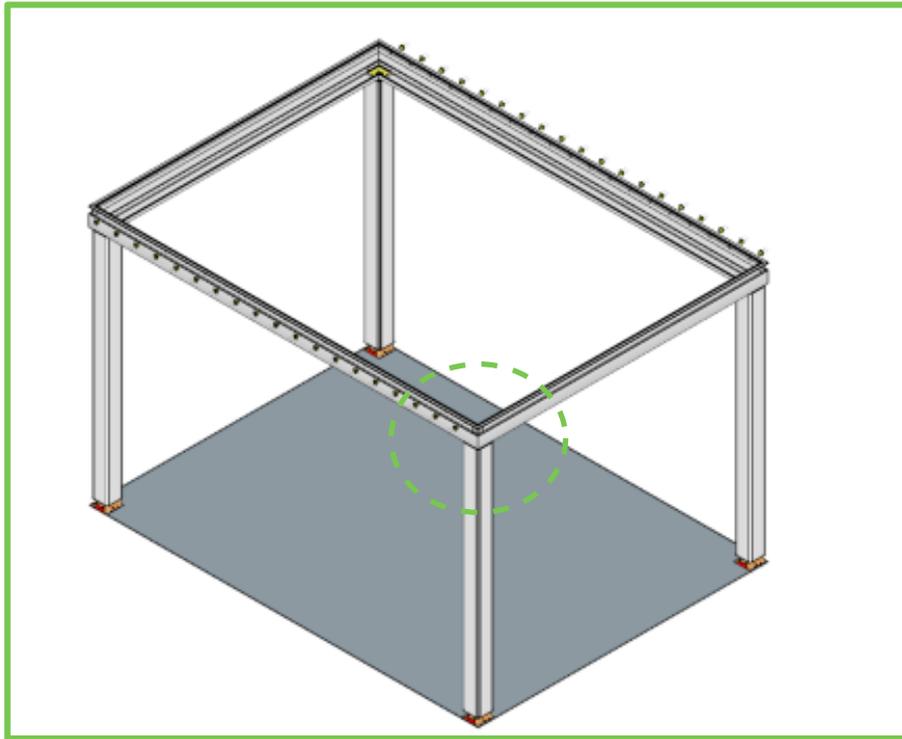
Blade seal



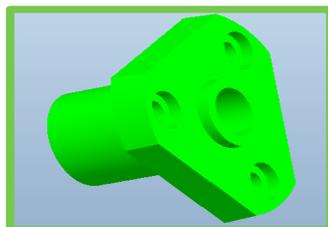
Screw J

***Blades are finished before leaving factory**

4. Blade assemble 2

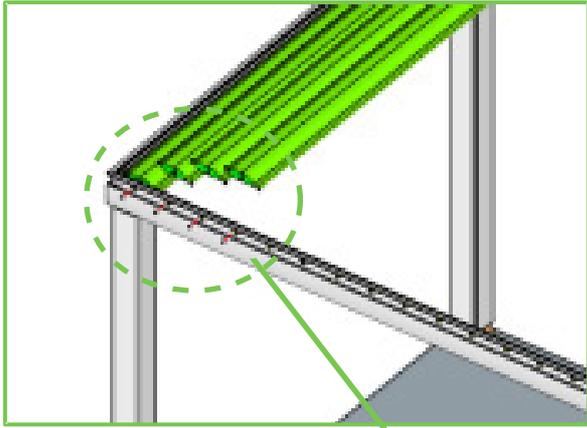


Screw K



D10 spin base

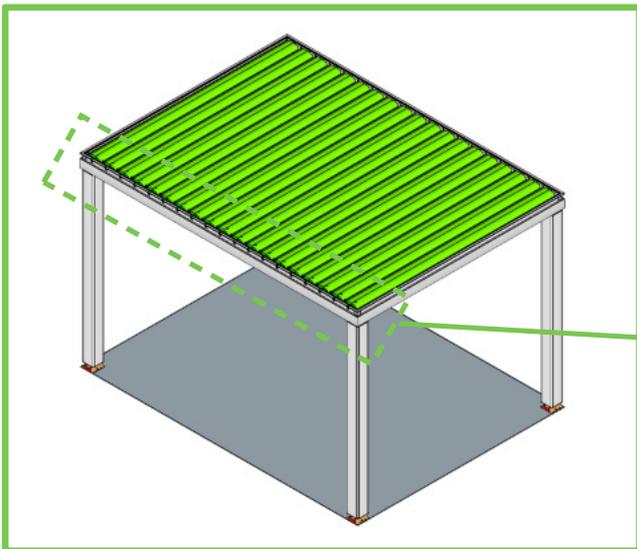
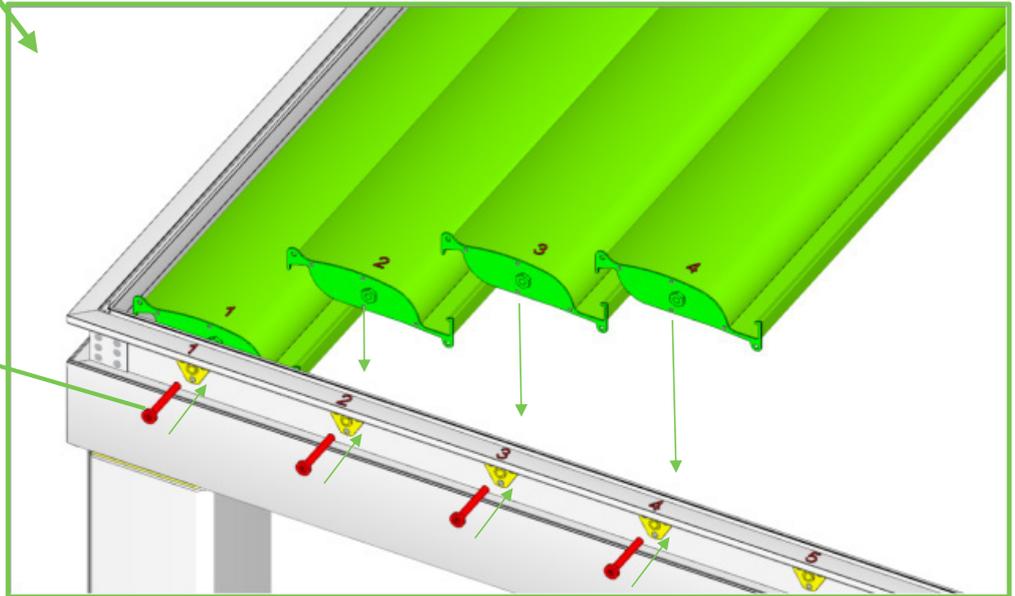
4. Blade assemble 3



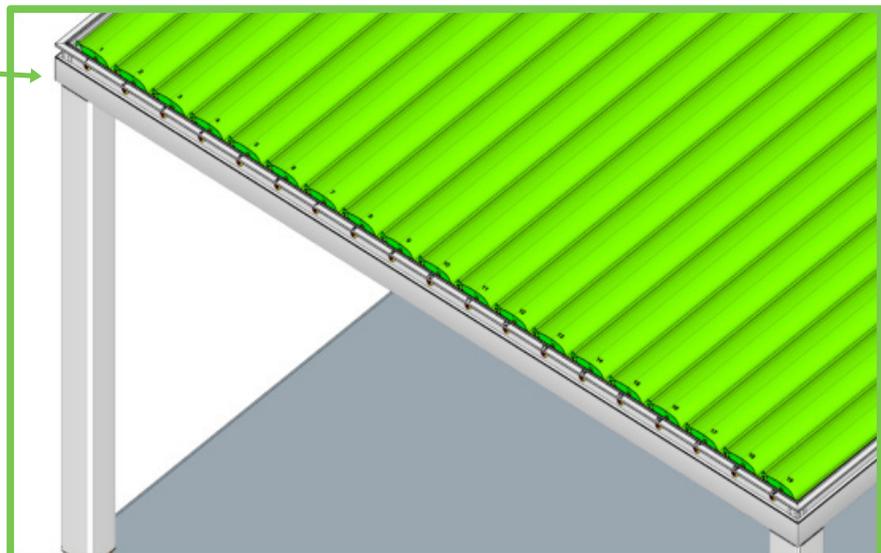
Ps: Must follow the numbers and match them with the same one on beams !!!



Screw I



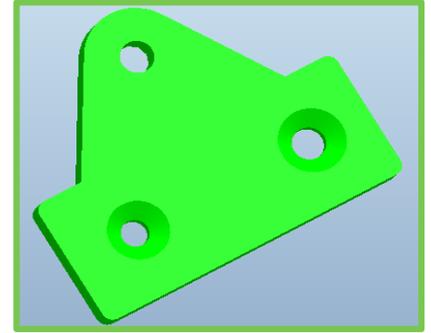
Finished



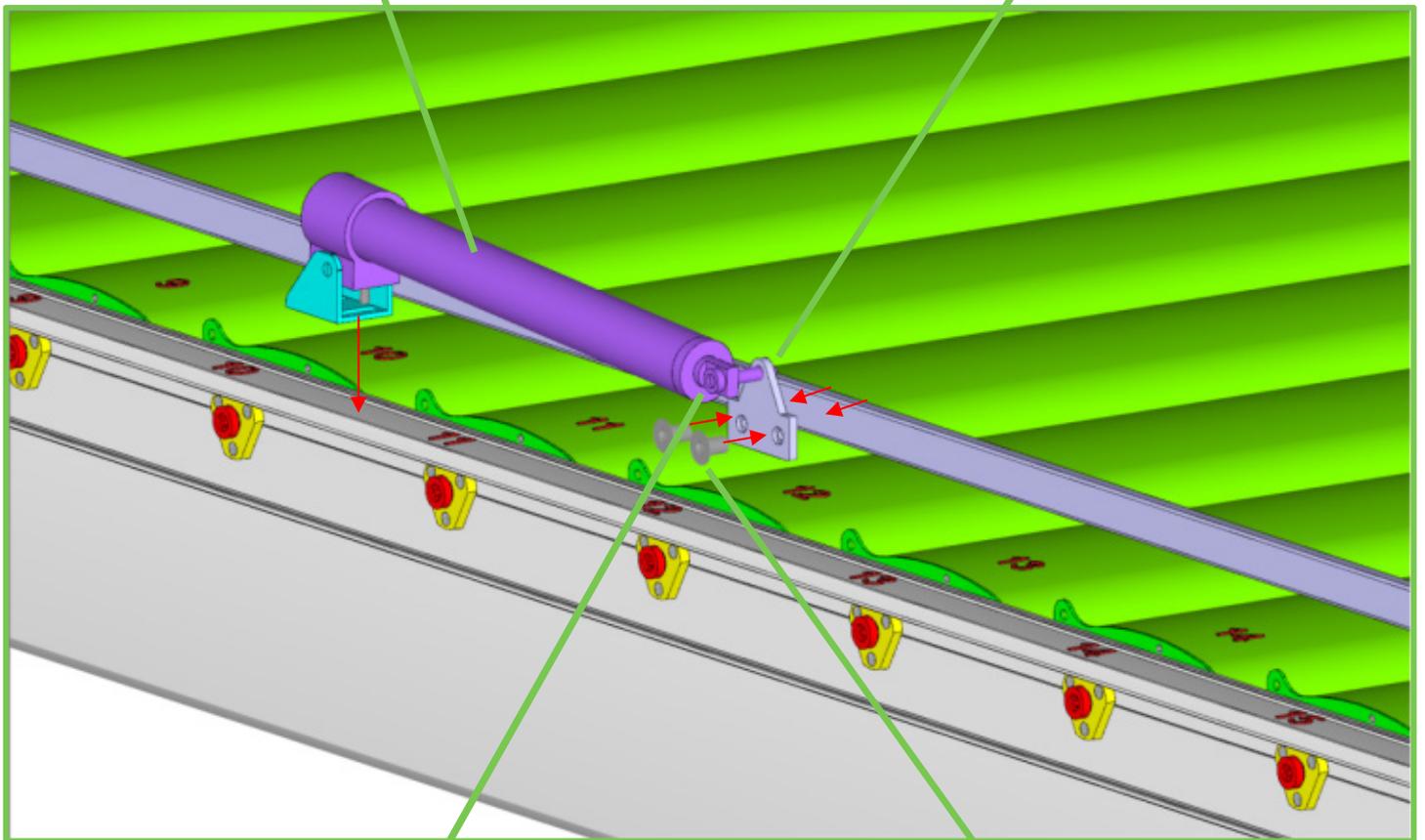
5. Motor assemble 1



Motor
DC24V



Drive Rod Wwivel Seat

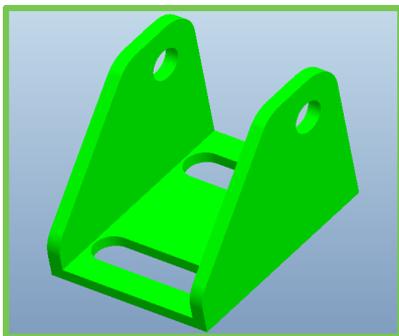
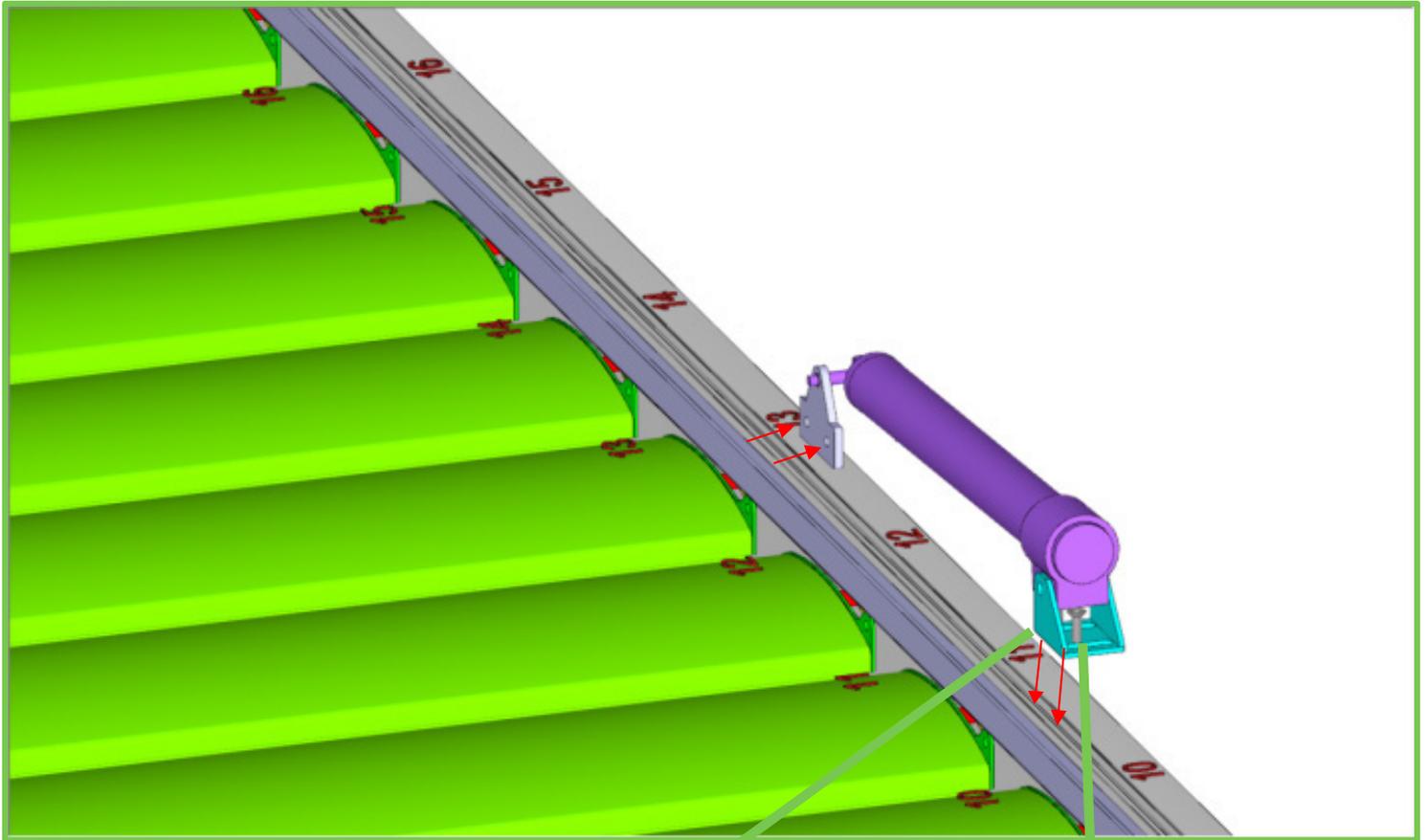


Screw L



Screw M

5. Motor assemble 2

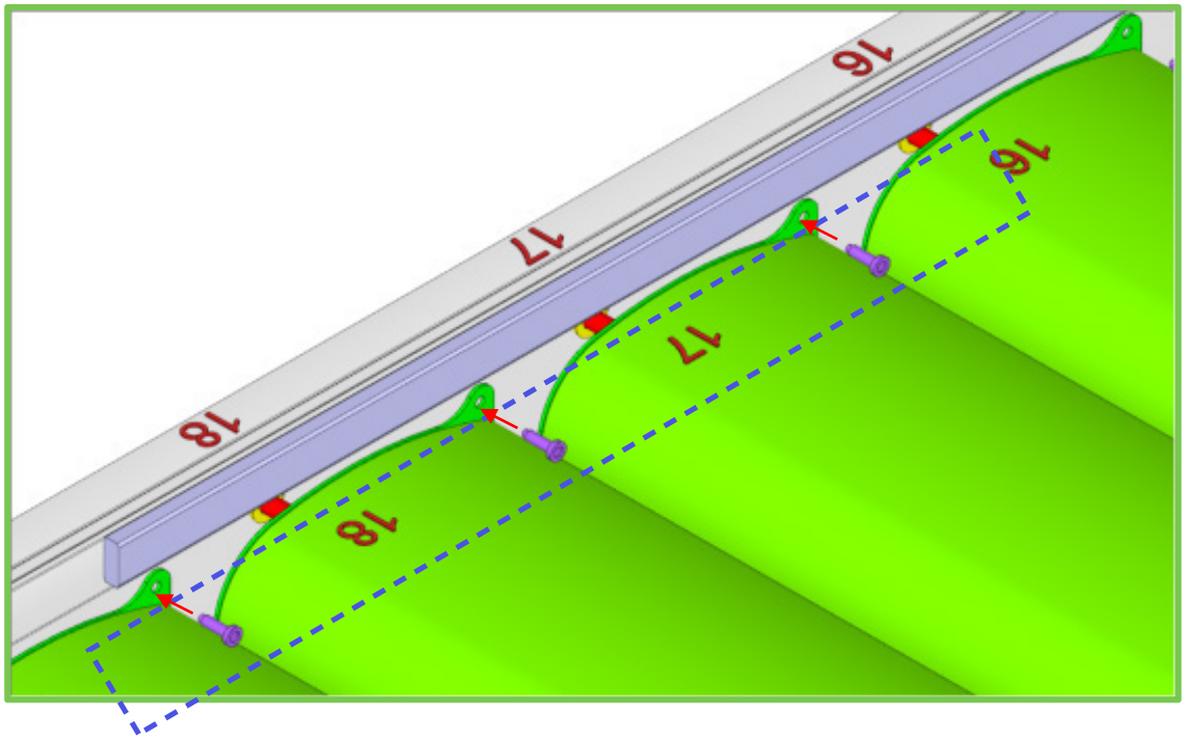
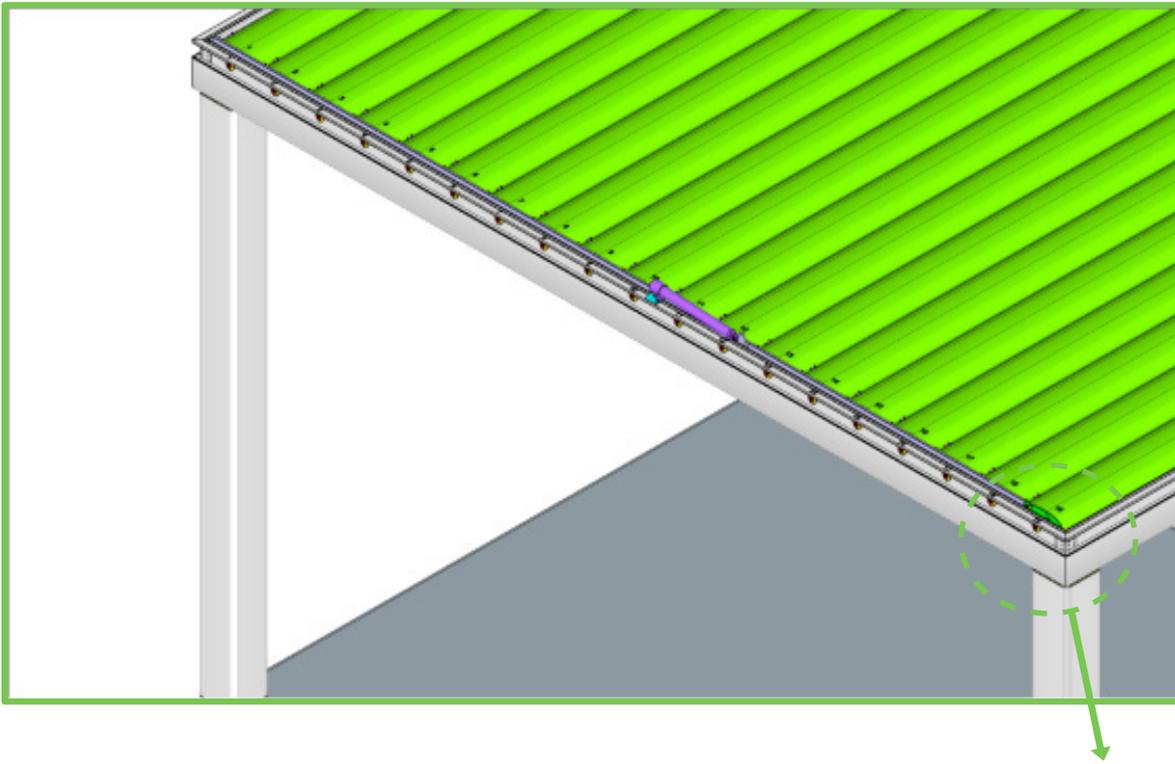


Motor Base



Screw N

5. Motor assemble 3



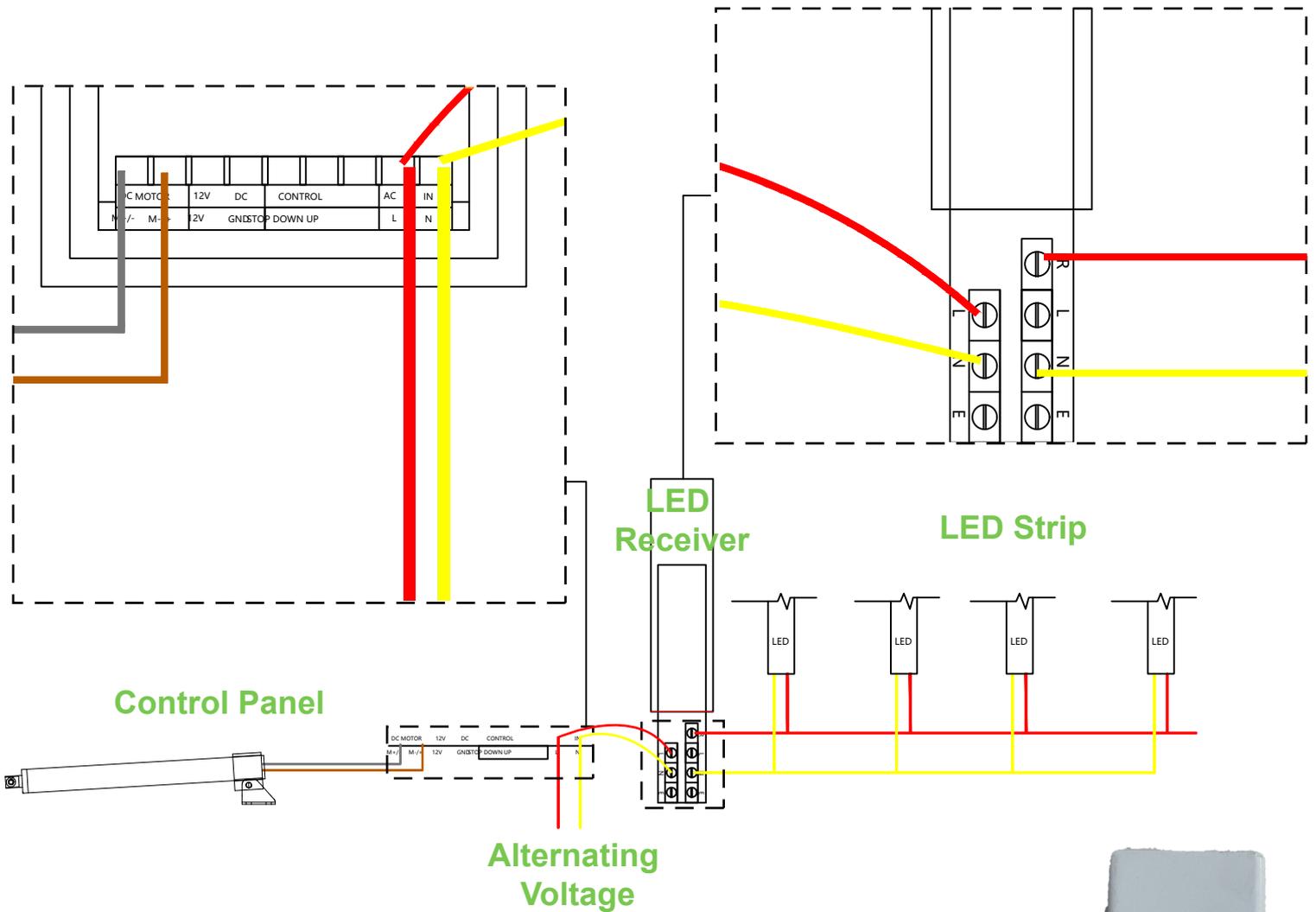
Screw L

Ps:All screws must be fixed

6.Line Connection 1

*Wiring principle

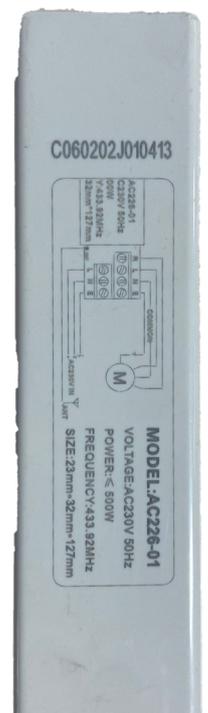
- LIVE WIRE
- NEUTRAL WIRE
- MOTOR +
- MOTOR -



Front

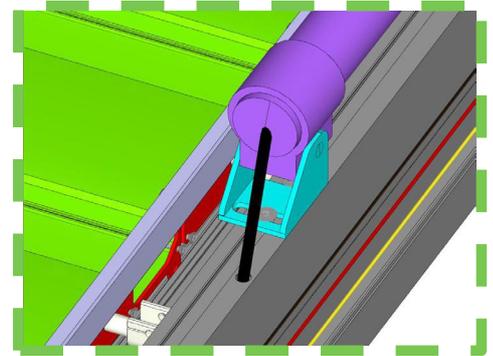
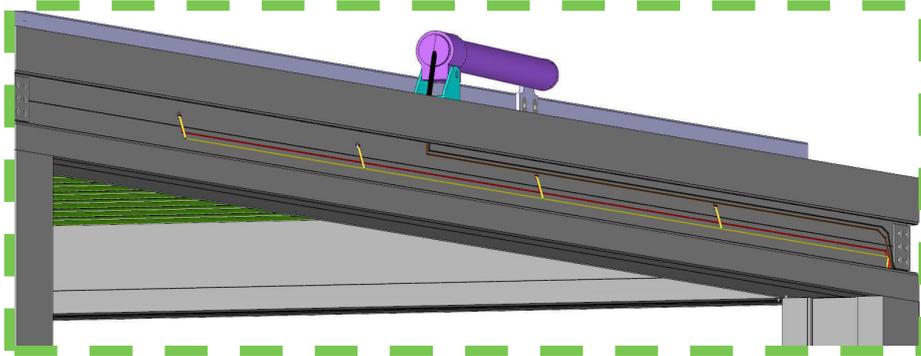
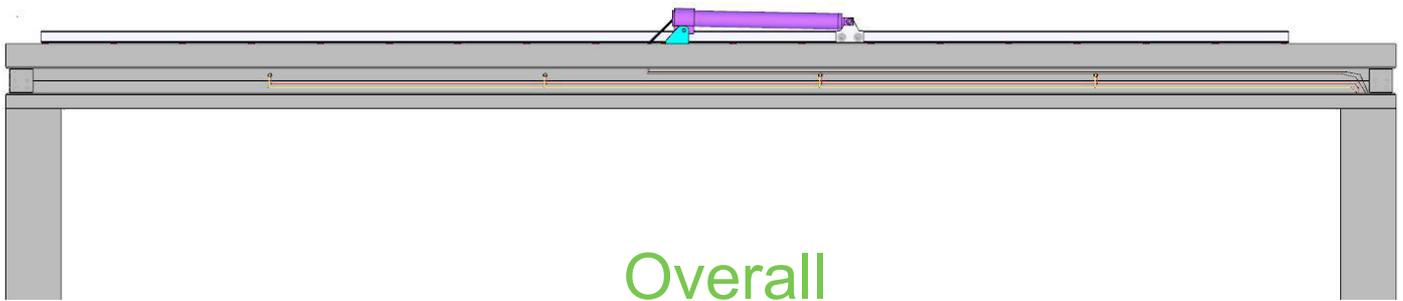


Reverse Side



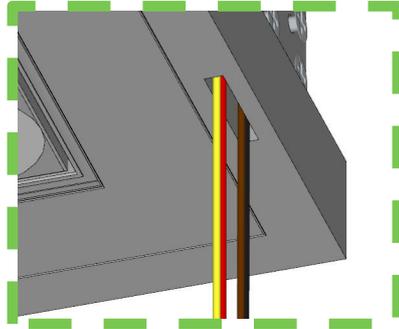
6.Line Connection 2

*Wiring principle

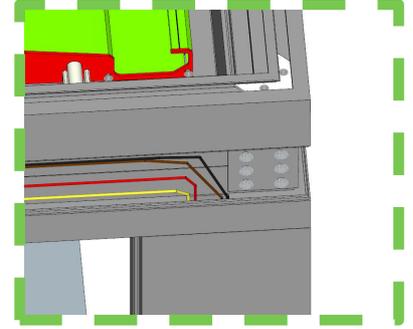


6.Line Connection 3

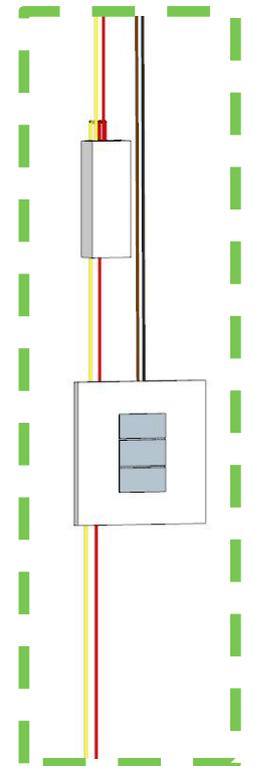
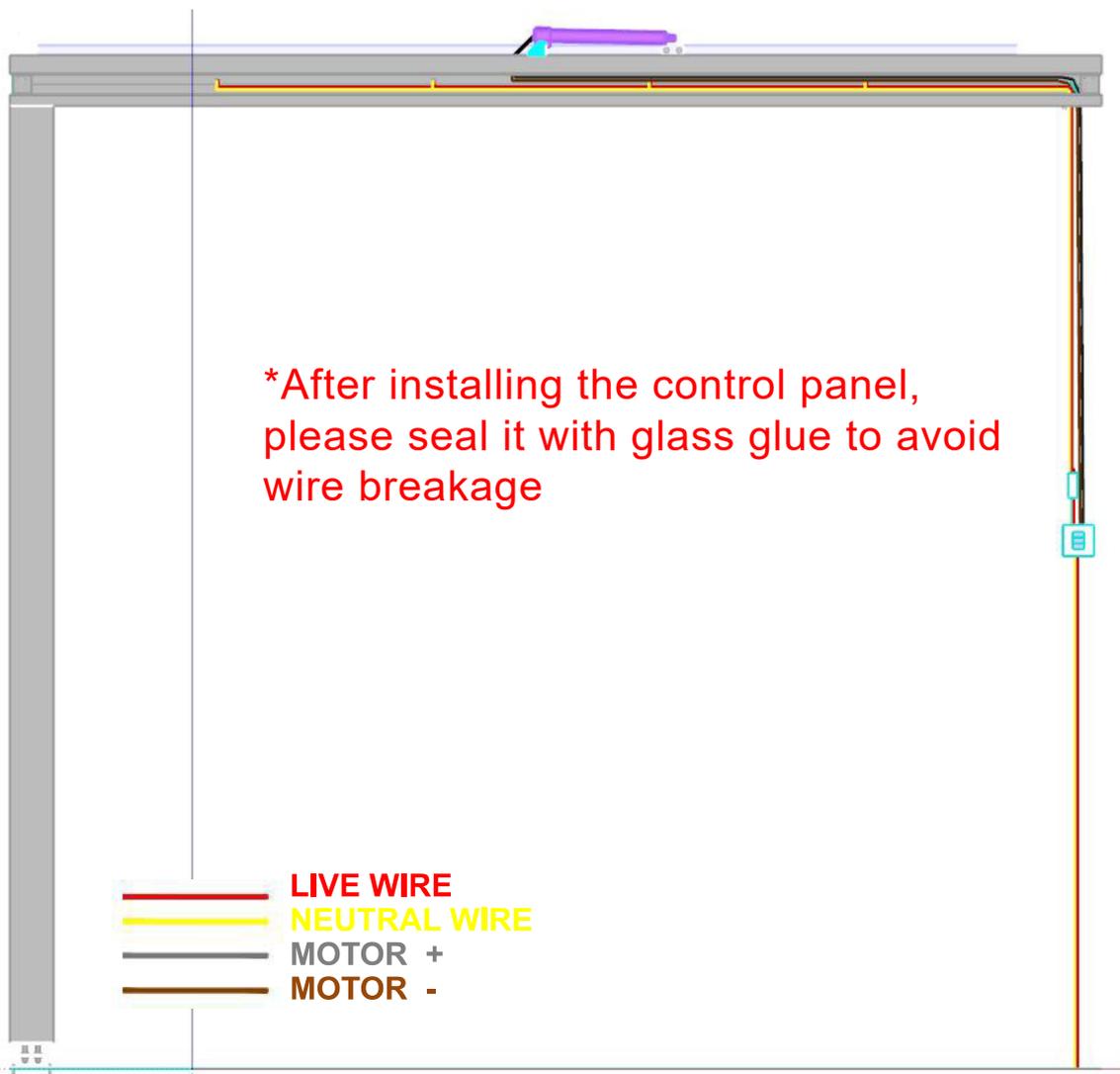
*Wire arrangement



Detail A



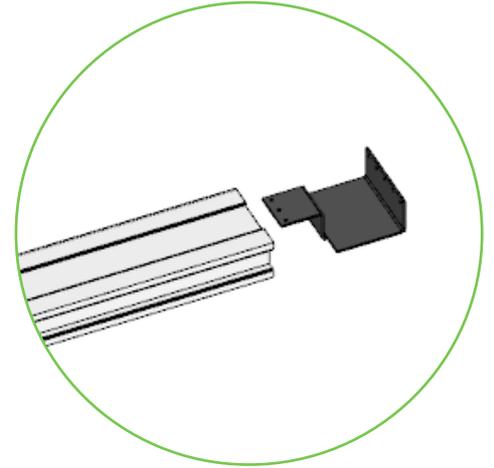
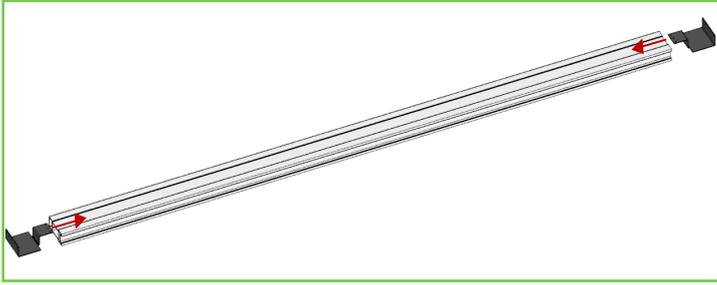
Detail B



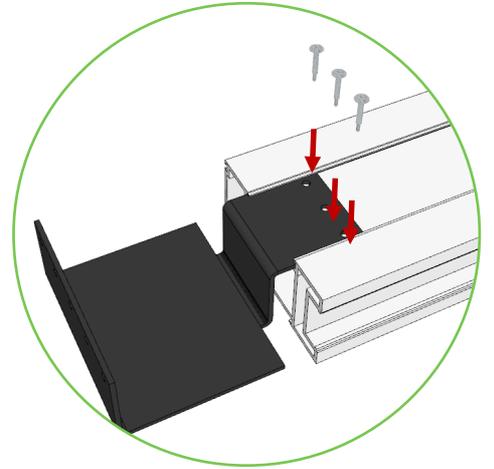
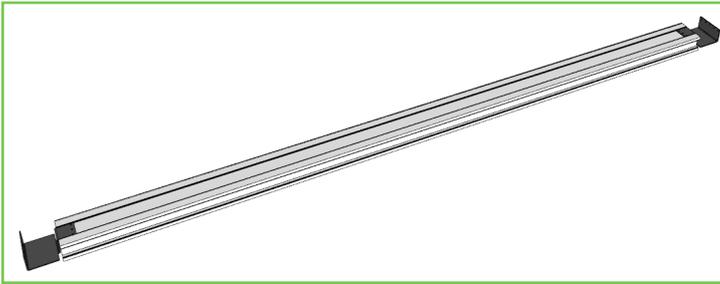
Detail C

7. Beam Installation 1

1.

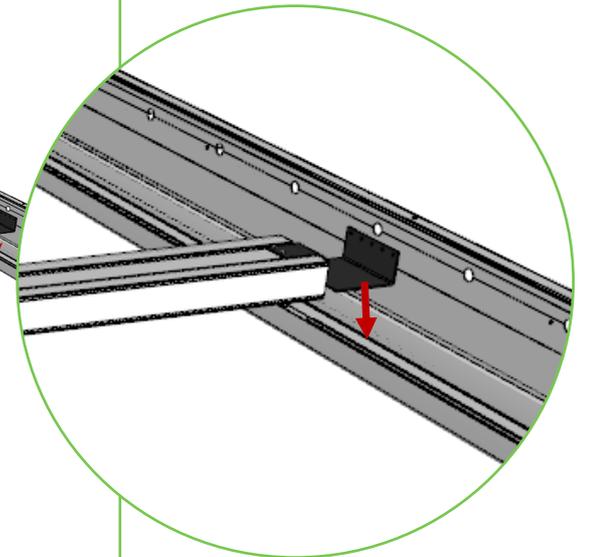
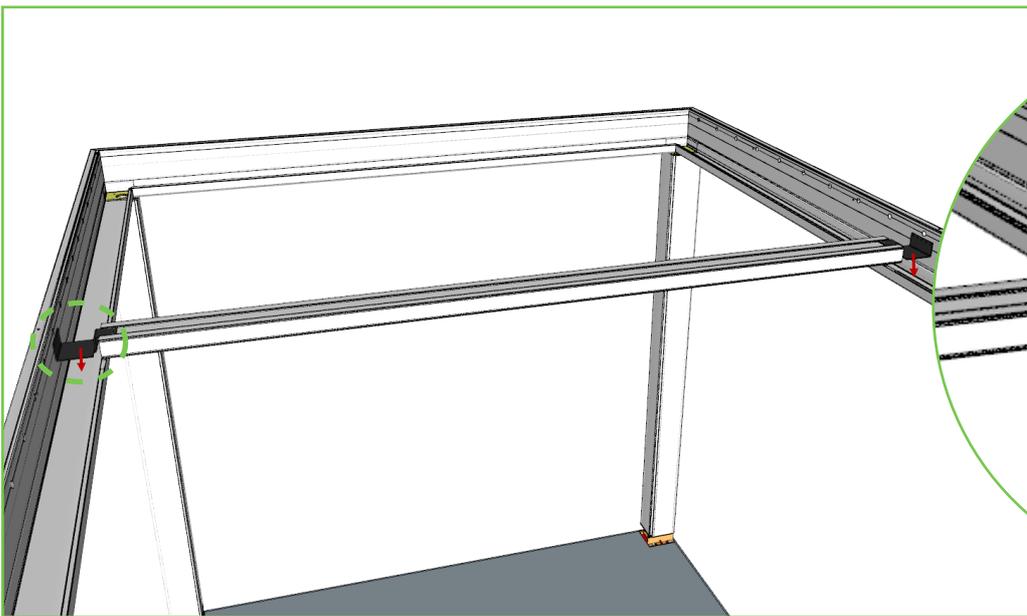


2.



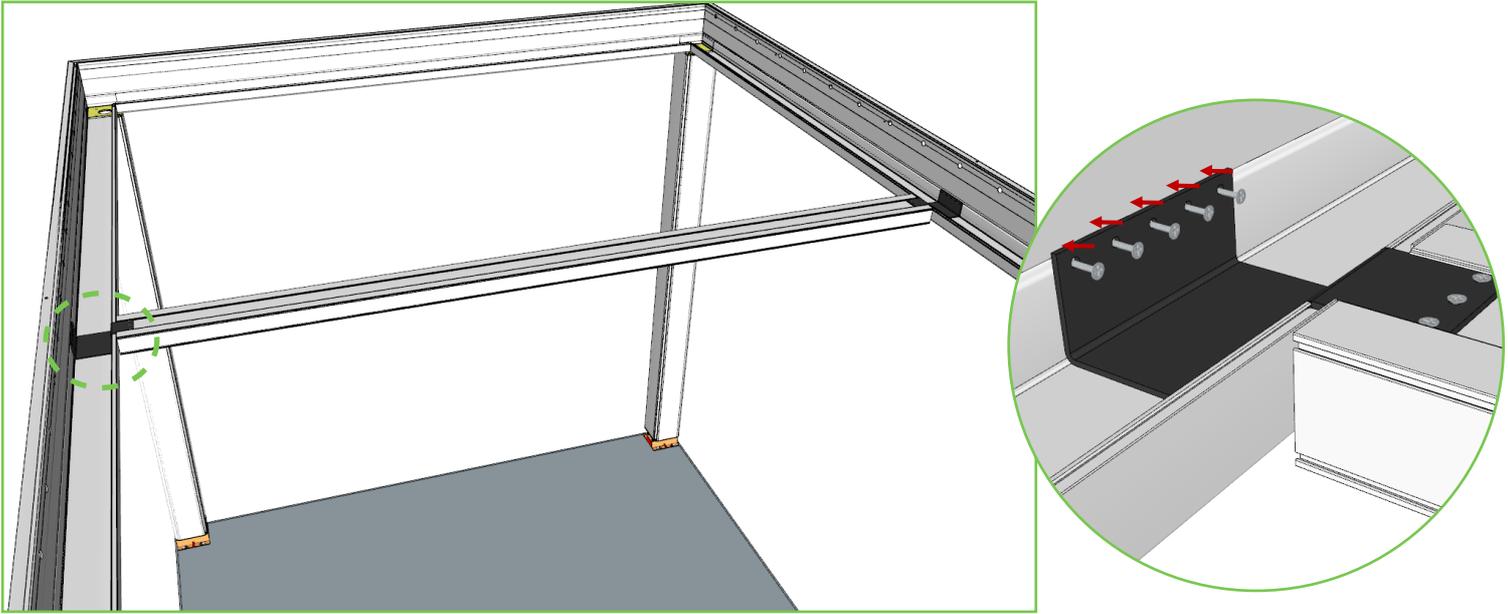
Inset the fixture into the beam
and screw it

*this step is complete at the factory

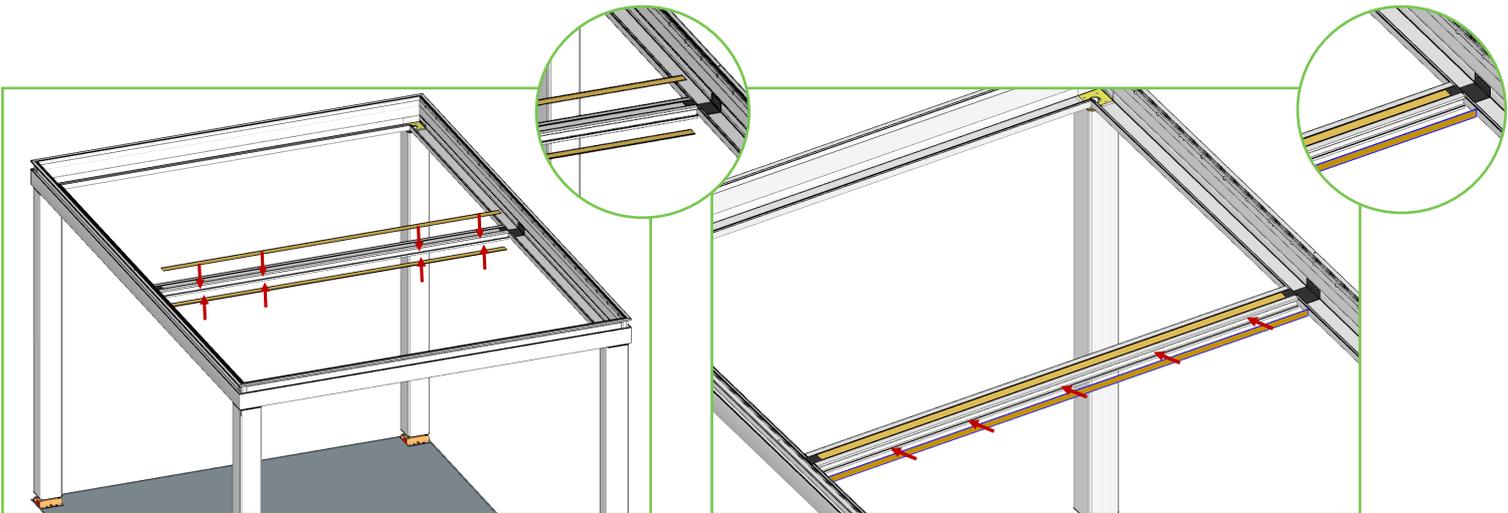


Clamp the beam and fixture to the opening
position of the sink.

7. Beam Installation 2

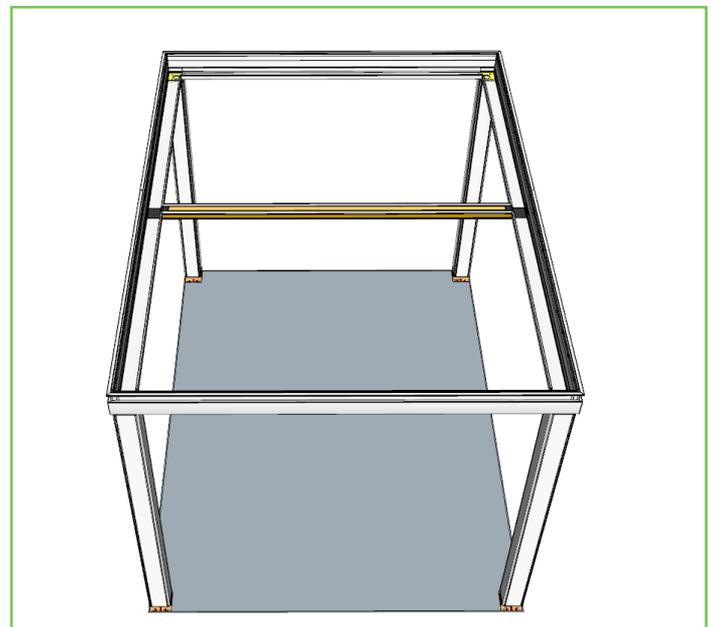


Fix the fixture and the beam with screws.

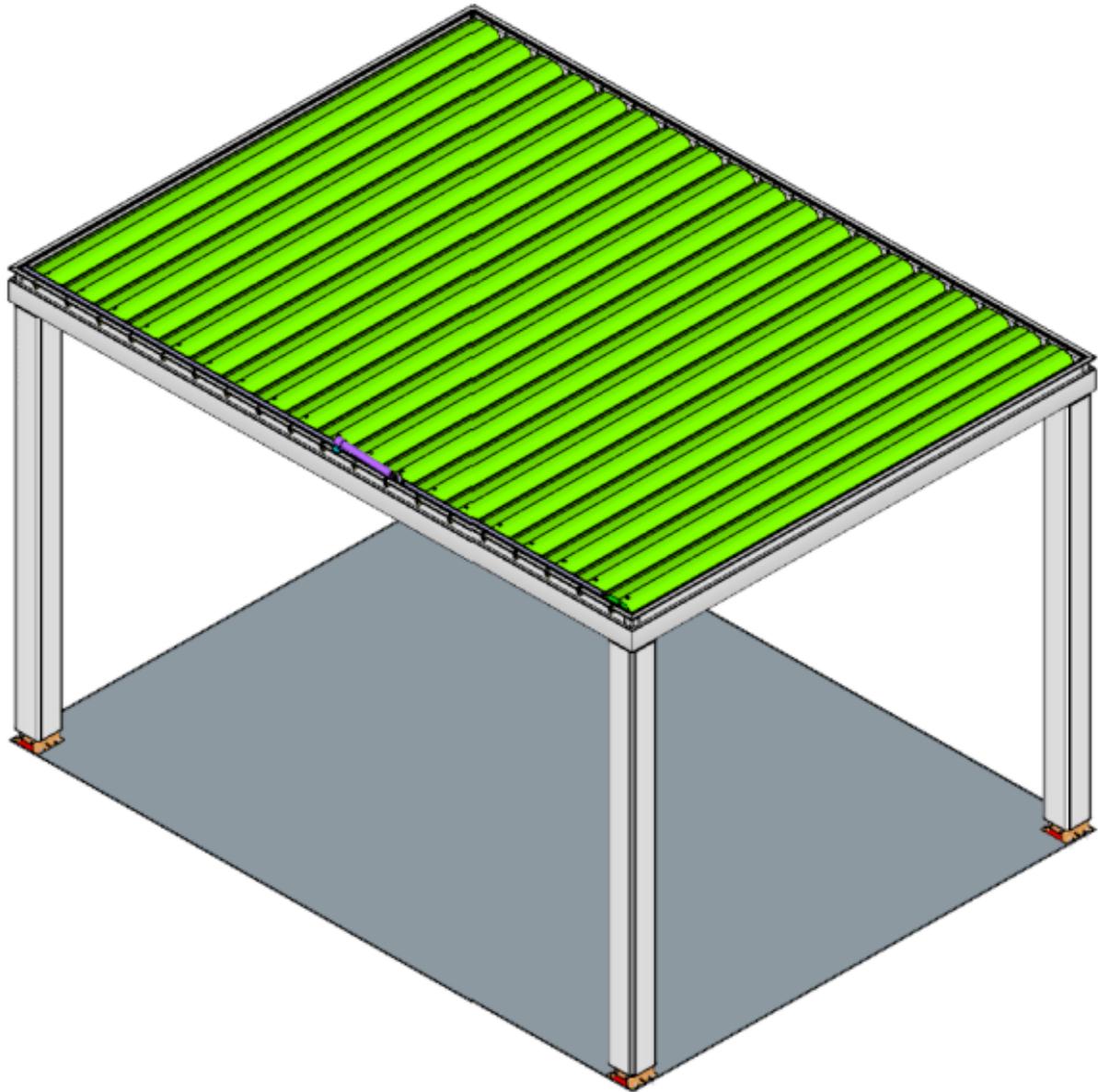


Cover the beam cover.

Installation
completed



Completed



Installation video



Scan with YouTube

Contact Us

Web: Acetecharch.com.au

Email: sales@acetecharch.com.au

Tel: 02 9724 5566

Address: 40 Lisbon Street Fairfield East NSW 2165