Blade

Gutter

■ Sub-fr

Beam
(not include sub-beam

# • LIST OF COMPONENTS AND ACCESSORIES

B Beam(include sub-beam) Blade's plastic P Copper ring

6

Plastic base

#### LIST OF INSTALLATION TOOLS

	QTY	Picture	Description	Remark
ent	1	0.	Measure the flatness of ground , the verticality of the post and the horizontality of the beam.	Prepared by custome

instrument	'	0. 2	the post and the horizontality of the beam.	by customer	
Aluminium Cutting Machine	1		Adjust the height of post according to the actual ground flatness on site.	Prepared by customer	
Hammer drills	4		Used for the opening of	Prepared	

	Hammer drills and drill bits	1	 Used for the opening of the column blasting bo
	Adjustable wrench or socket	1	Used for the installation post bolts

$\gg$	<b>S</b>	
Decoration cover	Countersunk head tapping screw	
_		

**R** Washer

Gutter clamp Lock nut

Cylindrical

néadhexagor

socket screw

6

rame	Water outlet unit	Expansion bolt
	F:	

Rase plate

	Ø		
o-frame cover	Aluminium sheet		
		01	

Item	QTY	Picture	Description	Remark	
levelling instrument	1	0.	Measure the flatness of ground , the verticality of the post and the horizontality of the beam.	Prepared by customer	
uminium utting Machine	1		Adjust the height of post according to the actual ground flatness on site.	Prepared by customer	
ammer drills nd drill bits	1	THE COLUMN TWO IS NOT	Used for the opening of the column blasting bolts	Prepared by customer	
Adjustable wrench or socket	1	6	Used for the installation of post bolts	Prepared by customer	
Hammer	1	<b>{</b>	Used to fix the post blasting bolts.	Prepared by customer	
and drill nd drill bit, t (cross and exagon socket)	1		Used for screws connection, socket opening installation, etc	Prepared by customer	
pe measure or ser rangefinder	1	10==	Used for measuring site and installation positioning	Prepared by customer	

QTY

Item

Pencil

Ladder

Caulking gun and sealant

Allen Kev

Non-slip

1.5-2.0m² wire

Power Socket

02

07

Picture

Description

Used for the installation of

Jsed for the sealing

connection of the post

and beam and corner connection of the sink.

Used for fixing screws(posts and

beams) Sizes for E220 are 4mm, 5mm, 6mm and 8mm

materials and accessories

Jsed for the installation of he pergola far away from

the power supply and the

and the test of electrical circuits of motors and LED Prepared by customer and the test of electrical

wiring of zip screen. Used for installation tools.

Jsed for handling of

louver roof

Used for marking and

Remark

Prepared

Prepared

Exist in SUNLEVER's

Exist in SUNLEVER's

03

## as two posts fasten with **1** expansion bolts.

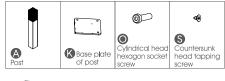
→ ution cover	
sunk head screws	
on cover	
	N

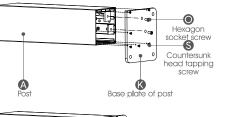
E220 Install Measurement Data Sheet					
Dimension	L	W			
3000*4000	2988	4028			
4000*4000	3988	4028			
5000*4000	4988	4028			
6000*4000	5988	4028			
4000*4500	3988	4528			
5000*4500	4988	4528			
6000*4500	5988	4528			

INSTALLATION STEPS

#### 1- Install Base Plate To Post

Use **ocylindrical head hexagon socket screw** and Sountersunk head tapping screw to install the base plate to post.





6- Installation Of The Corner For The Gutter

Position the holes of **S** aluminium sheet and

S Countersunk head M Water outlet unit N Aluminium sheet

© Countersunk head

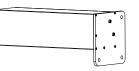
tapping screw

outlet unit Aluminium sheet

M water outlet unit and fasten with

tapping screws

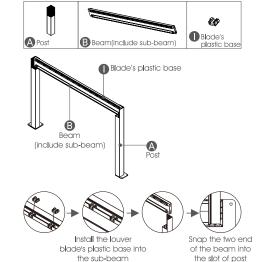
N countersunk head tapping screws.



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#### 2- Assemble The Beam And Post

First install the **1** blade's plastic base into the (B) beam(includ sub-beam). Then snap the two end of the B beam(include sub-beam) into the slot of **A** posts. Other **B** beam(include sub-beam) and A posts also assemble in same way.



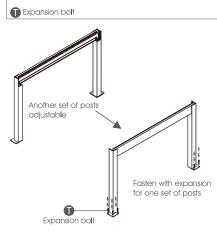
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#### 3- Fasten The Post

Measure and position one set of the posts, then fasten with nexpansion bolts. Another set of post adjustable.

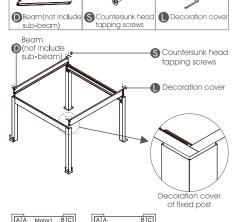




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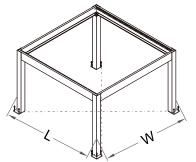
#### 4- Assemble The Whole Beam

Snap the two end of the **D** beam (not include sub-beam) into top slot of the posts, usescrews to fasten the beams from inside. Then use **S** countersunk head tapping screws install (1) decoration cover to the top of the post.



#### 5- Adjust And Fasten The Frame

Measure and adjust the position another set of the posts, keep the same distance of diagonal and line



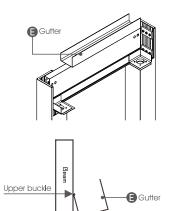
E220 Install Measurement Data Sheet					
Dimension	L	W			
3000*4000	2988	4028			
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4000*4500	3988	4528			
5000*4500	4988	4528			
6000*4500	5988	4528			

08

#### 7- Install The Gutter

Snap the gutters e into upper buckle of the beams, then snap (a) gutter into bottom buckle of the beam. All beams and gutter assemble in the same way.





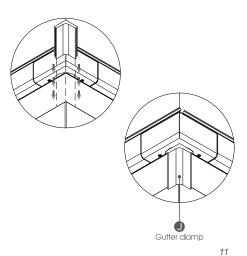
Bottom buckle

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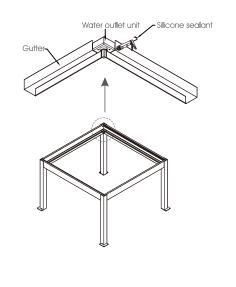
Use the **()** gutter clamp to connect the gutters and fasten by silicone sealant.





#### 9- Connect The Gutter And Water Outlet

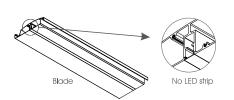
Fasten gutter and water outlet unit by silicone sealant.

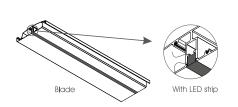


#### 10- Install The louver Blades

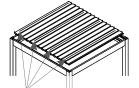
#### 1 Distinct the louver blades

There are two kind of Jouver blades, with and without LED strip



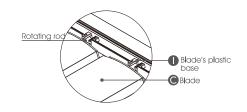


#### ② Install the louver blades

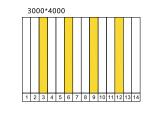


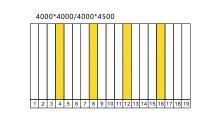
When installation, put the rotating rod of the louver blades on the Blade's plastic base.

We suggest use one lighting louver blades between every 3 no lighting louver blades.



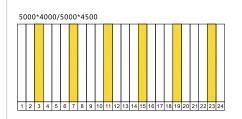
#### 11-Position For Blades With LED Strip-1

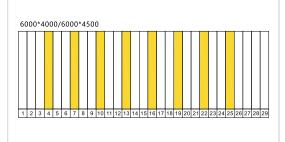




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### 11-Position For Blades With LED Strip-2





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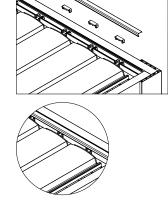
#### 12- Fixed Louver Blades Rotating Rod

For the louver blade side that no need wiring, install the **(1)** plastic base cover and **(G)** sub-frame cover. For the louver blade side that need wiring, wiring in advance and use water proof connection to connect the LED strip, after wiring, install the **(G)** sub-frame cover.

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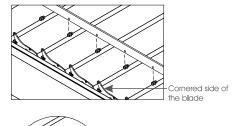


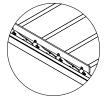


#### 13- Connecting Rod Installation

Install a connecting rod on the cornered side of the blade to drive the rotation of the overall blade,



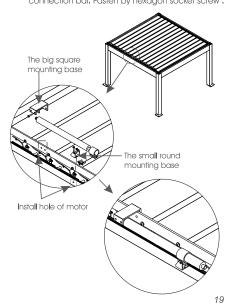




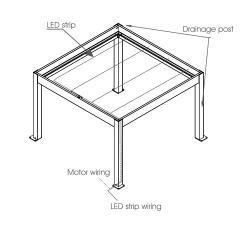
#### 14- Install Motor

13

Use the small round mounting base install the motor head to the top of the beam. Use the big square mounting base install the motor tail to the connection bar. Fasten by hexagon socket screw.



#### 15- Motor And LED Strip Wiring Diagram



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