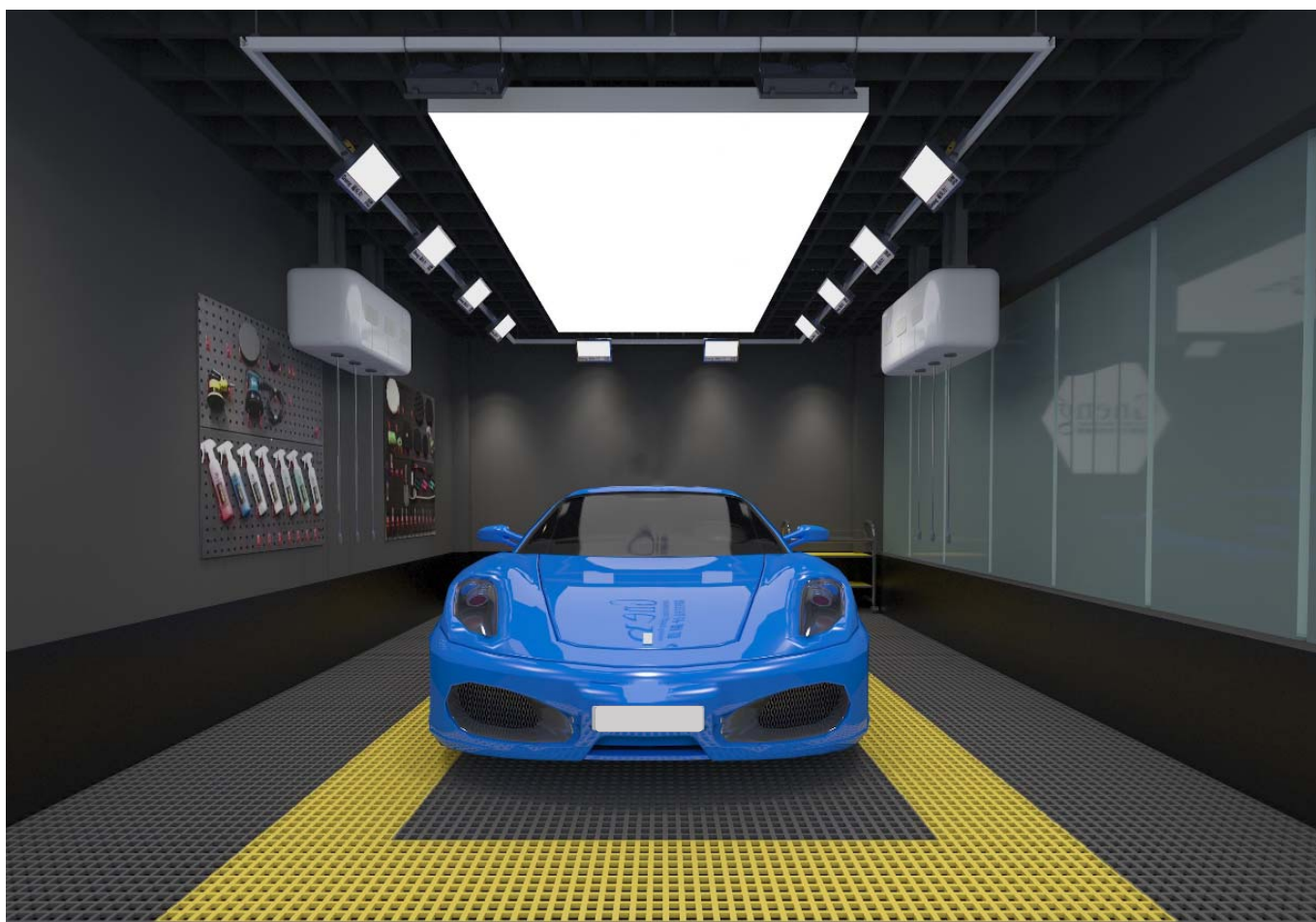




# Installation Instruction



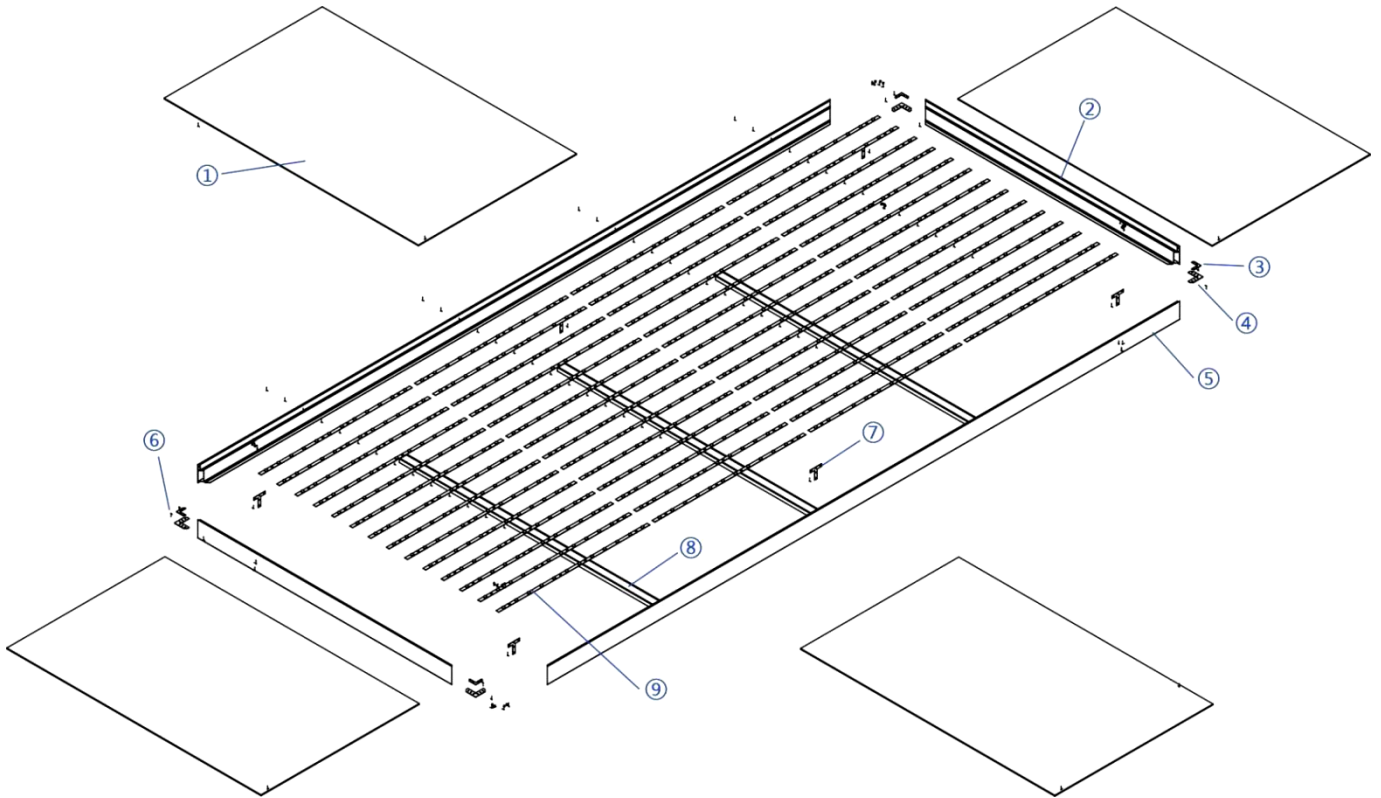
Only for reference! Please read this manual before assembling this product, and keep this for subsequent .

**TEST BEFORE PUTTING IT INTO THE CEILING!**

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## The explosion view



## Parts List 1

No.	Name	Specification	Qty	Unit	pictur
1	Aluminum frame	Size: 1.6*4m grey	1	set	②⑤
2	UV cover	Size: 1.6*4m	1	piece	
3	LED	(12LED* 0.95m) x15 pieces	4	group	⑨
4	LED	(12LED* 0.95m) x5 pieces	4	group	
5	LED driver	AC240 ↔ DC12V 300w	6	set	
5	Smaller L iron sheet	See the picture	4	piece	③
6	Bigger L iron sheet	See the picture	4	piece	④
7	Smaller - iron sheet	Same as L(connect the 4m frame)	2	piece	
8	Bigger - iron sheet	Same as L(connect the 4m frame)	2	piece	
9	glue	White cleat the wire	12	piece	
10	Pendant chain sets	Plate + chain + T sheet	8	set	⑦
11	Countersunk screw	M5*4mm for frame	42	piece	⑥
12	Self tapping screw A	M4*8mm for led board	250	piece	
13	Self tapping screw B	M5*10mm for back board	65	piece	
14	Self drilling screw	M4*19mm for pendant chains	70	piece	

**Parts List 2** (should be prepared by client)

N	Name	Specification	Quantity	Unit	picture
1	Back board	Size:1600*1220mm TH: 5-8mm fireproof and white	4	piece	①
2	Square steel tube	Size: 1600*40*20mm connect back board	3	piece	⑧
3	wire	>2.5mm <sup>2</sup>	10~30	metre	

(remarks: there should be white for the fireproof plate to ensure the lighting effect)

**Technical Data**

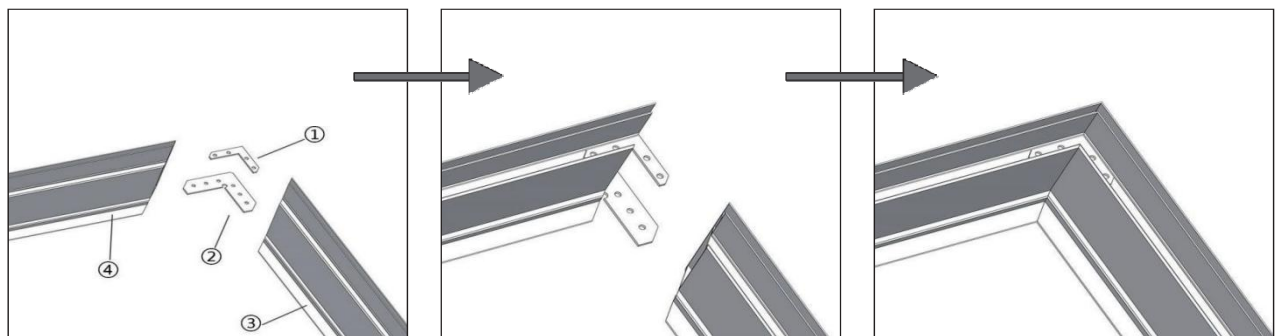
Voltage	AC240V
Power	1560W
Current	13A
Luminous Flux	110-120lm/w
CRI.	>70
CCT.	6500K (White)
Material	Aluminium+UV Film

**Assembling instruction**

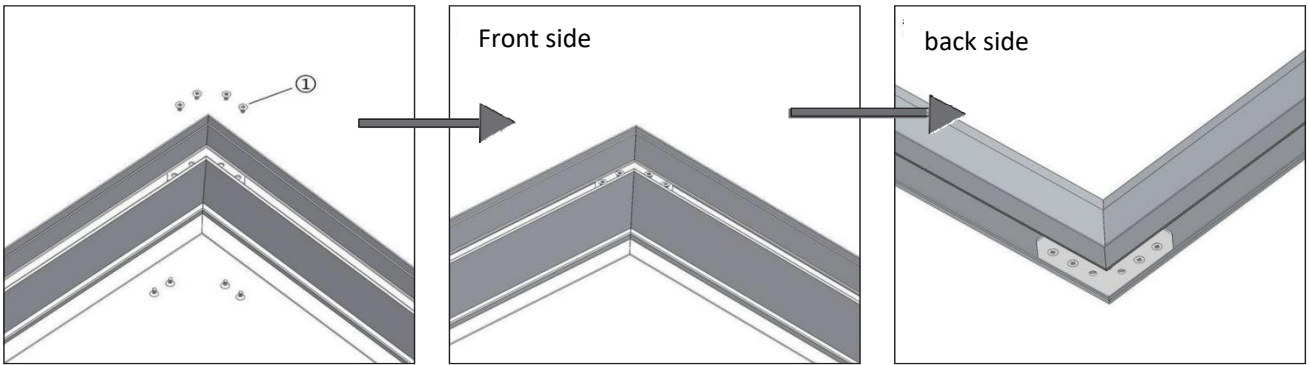
Please prepare the material in the parts list 2 before assembling. Tools involved: electric screwdriver, staircase, diagonal pliers.

**Step 1 assemble the frame**

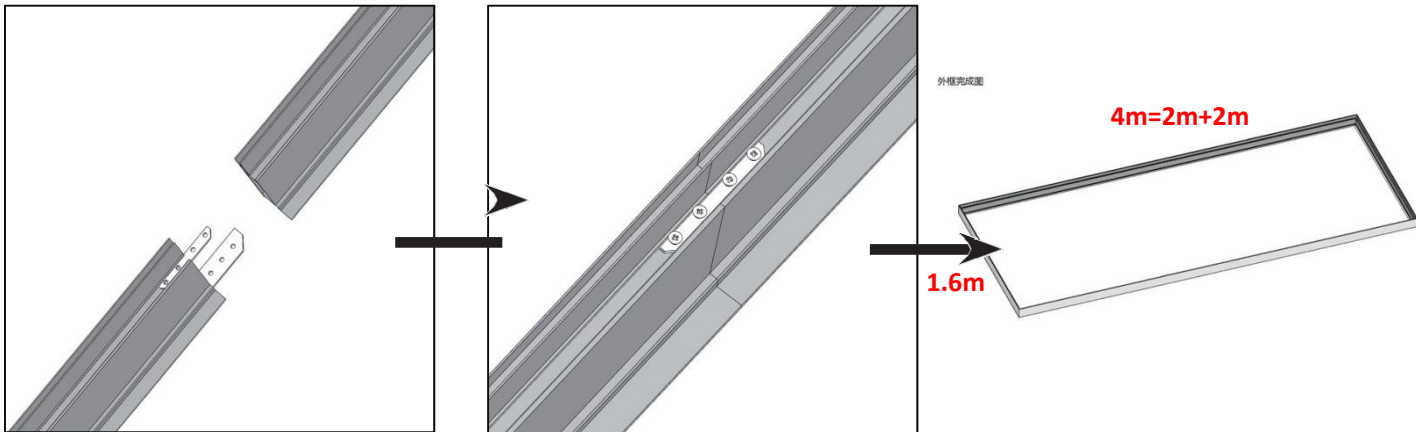
1. Connect the aluminum frame with L iron sheet, and screw it with countersunk screw :



remarks: ① Smaller L iron sheet; ② bigger L iron sheet; ③ 1.6m aluminum frame;  
④ 2m aluminum frame.



remarks: ① countersunk screw M5\*4mm.



Remarks: connect the 2 pieces of 2m aluminum frame to 4m with — iron sheet

## Step 2 fix the back board (fireproof plate)

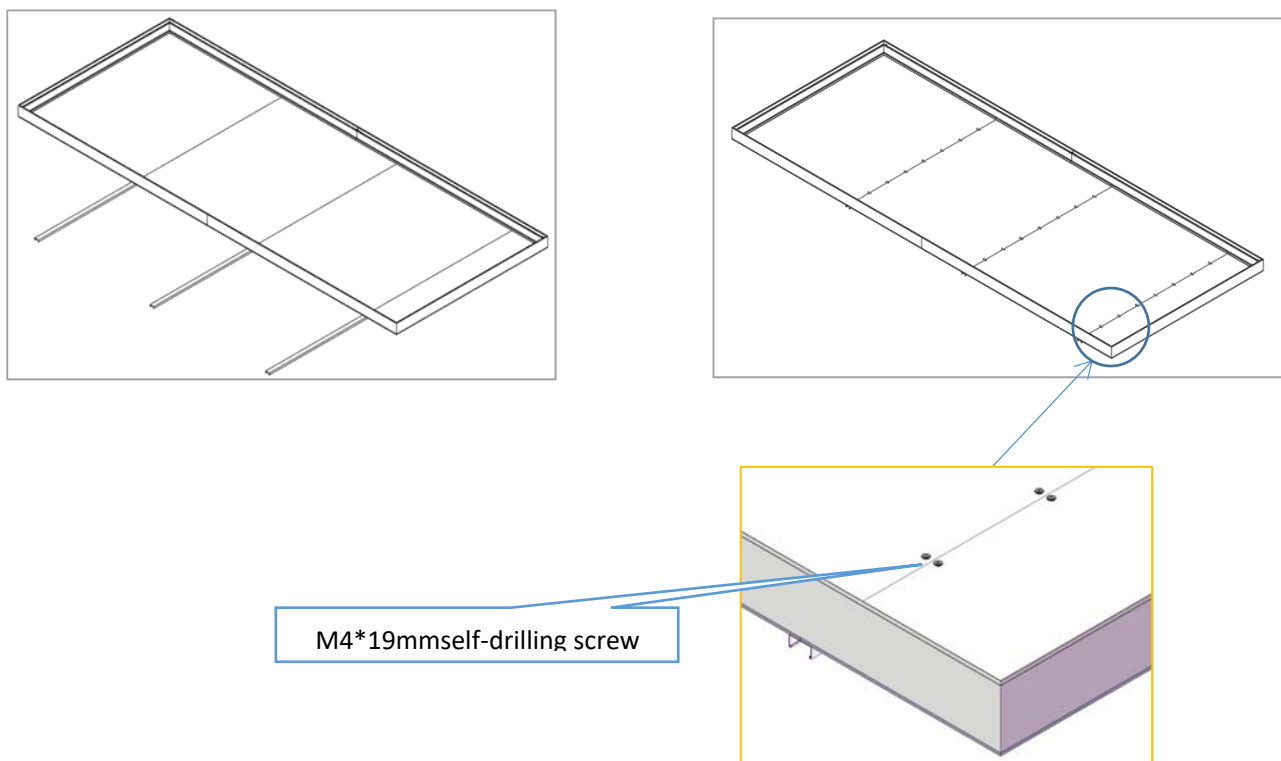
With the self tapping screw B, screw it from inside, the distance between 2 screws should be less than 20cm:



Screw the keel on the back board with “M4\*19mm self-drilling screw”, distance for 20cm between the screws.

### Step 3 fix the keel

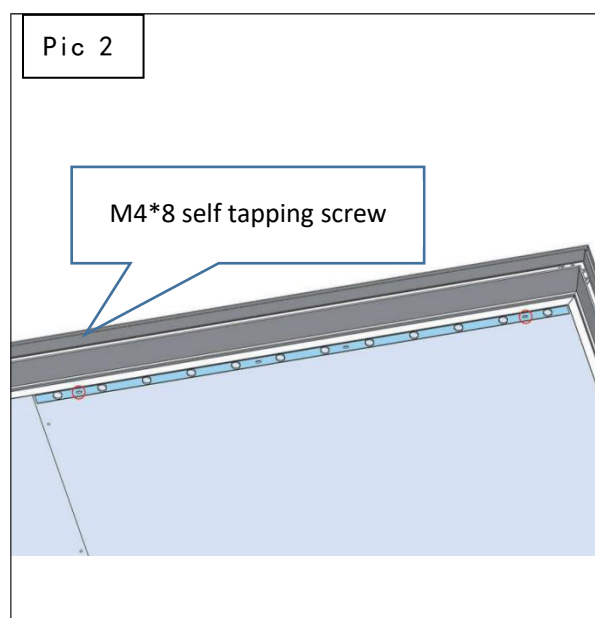
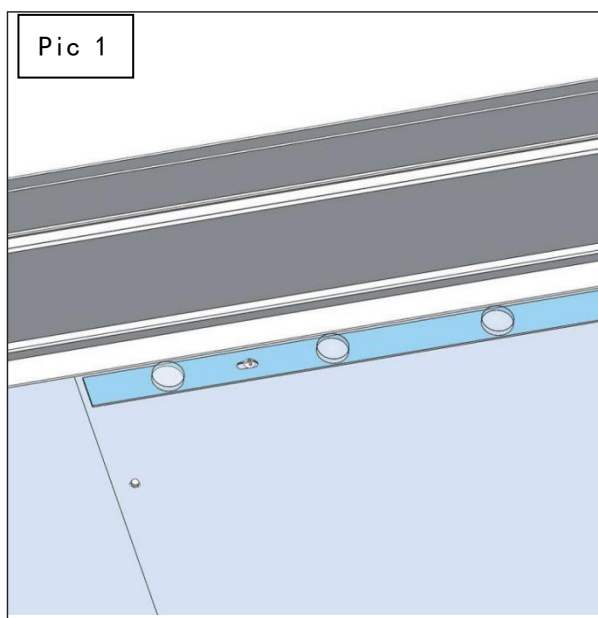
Screw the keel with self drilling screw, to connect the 4 pieces of fireproof plate, the distance between 2 screws should less than 20cm :



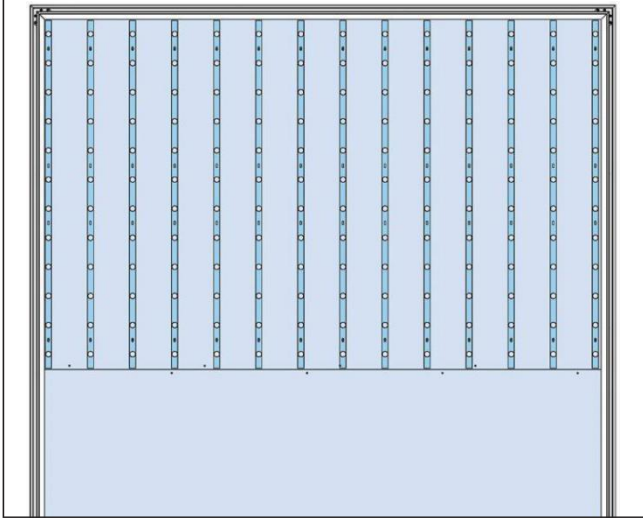
**Caution:** Be careful while screwing, to avoid damage the led board on the other side of the plate.

### Step 4 led board screwing

With the self tapping screw A:



Pic 3



Pic 4

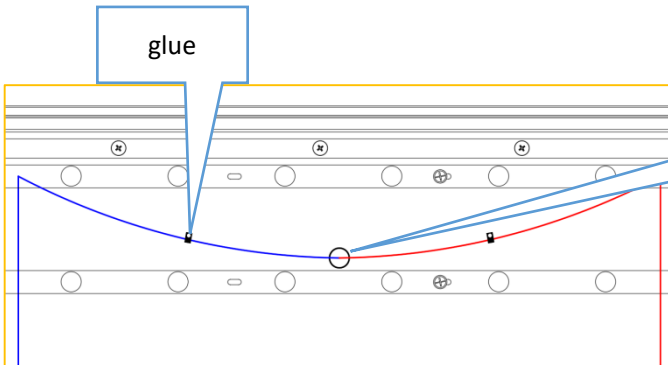


1. See as above, spread the led in the box. There should be at least 2 screws for one led board ( there are 4 holes for screwing) .
2. There are 4 groups of led board( see pic 4), please drill a hole for each group (see pic 5), for wiring.
3. The led board all for DC12V, please wiring the led driver first, then driver electrical to the 220V(see step 6)

Pic 5

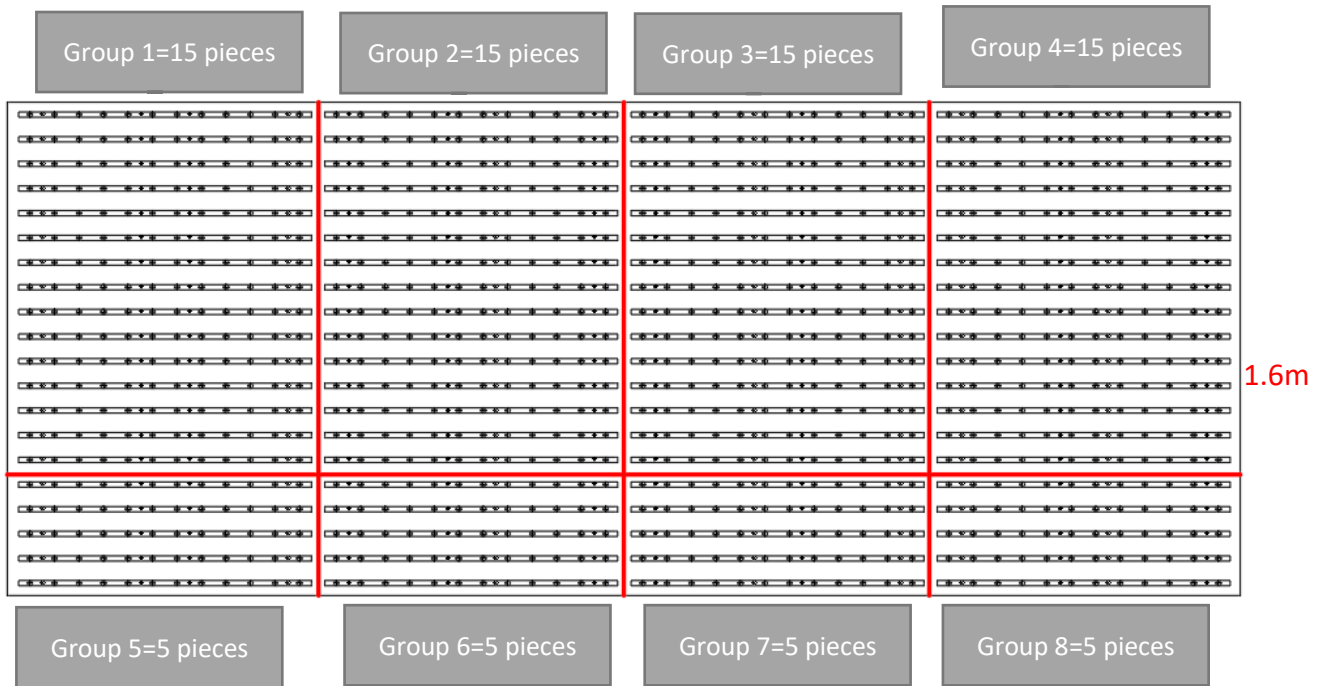


glue



Make a hole on the back board for wiring.

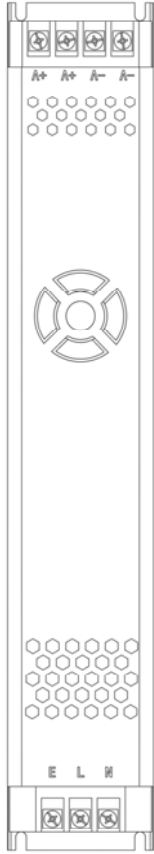




**Caution!!!**

- A. See as above, spread the led in the box. There should be at least 2 screws for each led board (there are 4 holes for screwing) .
- B. There are 8 groups of led board, please drill a hole for each group, for wiring.
- C. The led board all for DC12V, please wiring the led to led driver firstly (details as below), then electrical to AC100-240V. There are 8 led drivers for each set.





**LED Driver**

**Input 【AC240V】**

L: 240V Live wire

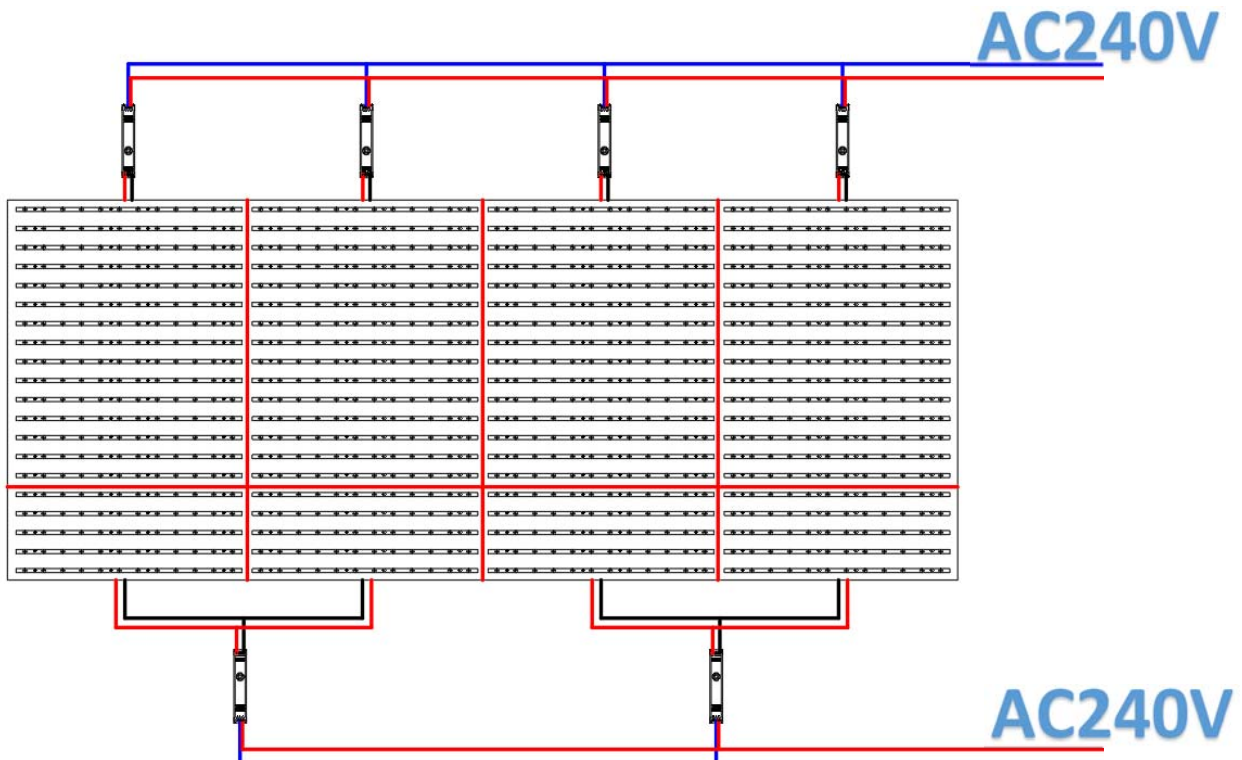
N: 240V Null wire

E: Ground/ Earth Wire

**Output 【DC 12V】**

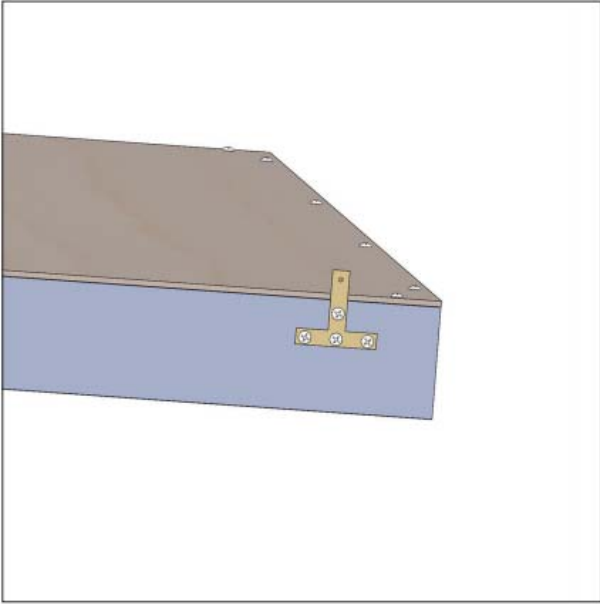
V+: DC12V positive pole (connect with the red wire of led board)

V-: DC12V negative pole (connect with the black wire of led board)



## Step 5 install the lighting box with pendant chain sets

Screw the T sheet first. There should be 8 points for T sheet screwing:

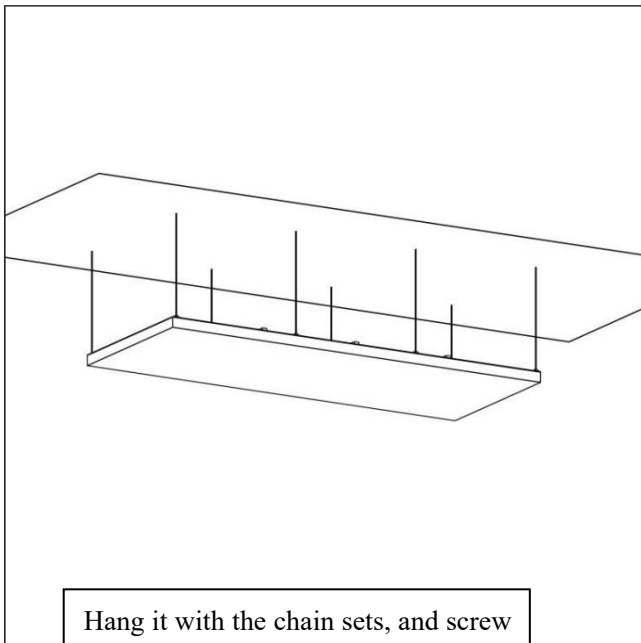


**PS: please make it symmetrical for the T sheet, to keep the lighting box stable.**

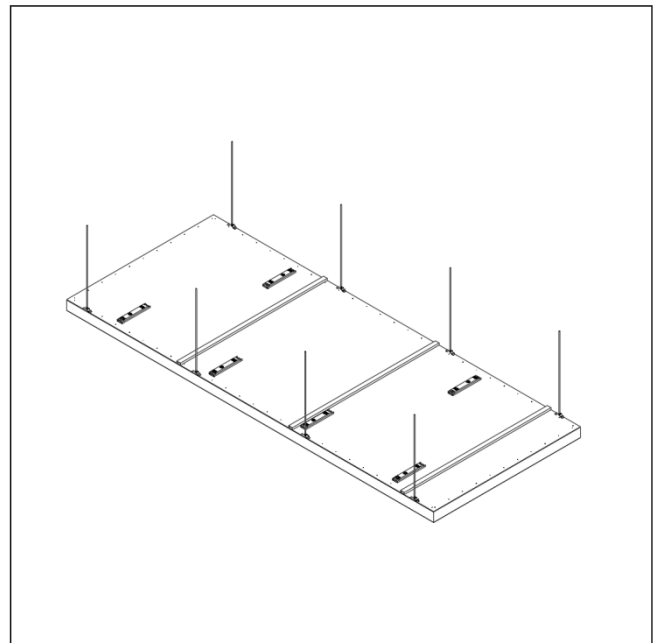
## Mounting Instruction & film assembling

### Step 6 fix to the ceiling and driver connection

caution: need 4 person and 1 electrician.

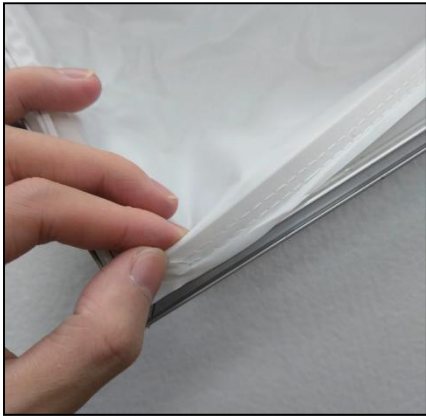
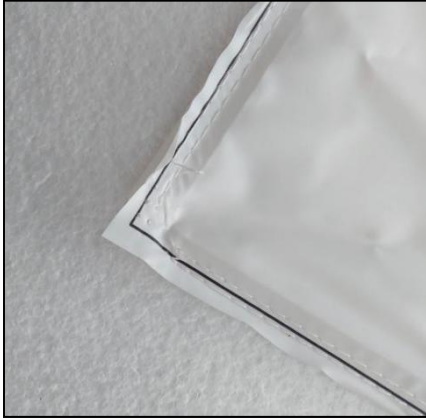


Hang it with the chain sets, and screw the plate on the ceiling



## Step 7 UV film assembling

Please keep it clean before assembling:



### Remark

1. Keep hands clean;
2. Please attention to the front and back side of uv film;
3. Push the 4 corner firstly, then spread to the center;
4. Please press it inch by inch, instead of push fleetly, to keep it smooth of the film.
5. Please intenerate the film with hot air blower, while the film is too small for the

frame.