

No Screw Design LED Panel Light
595x595mm 36W with Lifud Driver
For Lay-in & Lay-on Grid Ceiling

Datasheet

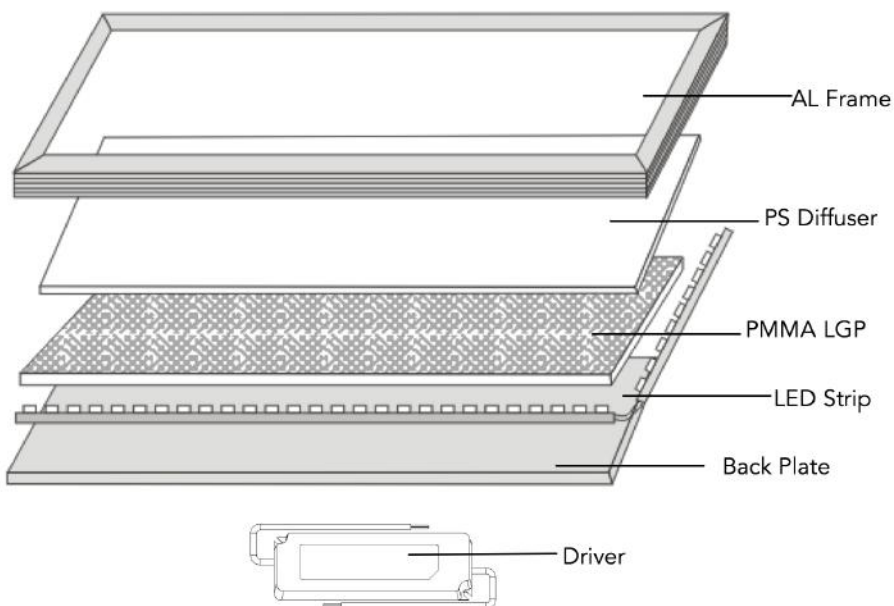
FOCYI300-6060S-36

Product Specifications

- **No Screw Design** with ultra thin profile
- **PMMA light guide palate to avoid yellowing problem**
- 100+ lm/W, 80+ CRI
- Lifud high efficiency LED driver, flicker free available
- High efficiency LM80 SMD LEDs
- ElecCoat technology provides white appearance, with super heat dissipation performance
- NanoGap technology ensures the high lumen efficiency and protection of the LEDs
- Dimmable: DALI / 0-10V / TRIAC optional
- 5 years warranty

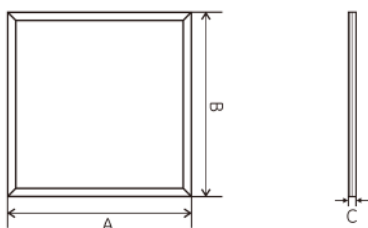


Exploded View



● Lifud Driver

Dimensions



Item #	Dimension		
	A	B	C
FOCY1300-6060S-36	595mm	595mm	8mm

Back View

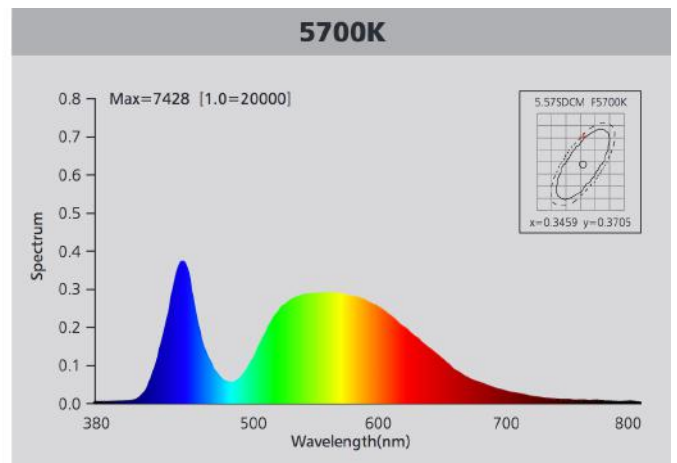
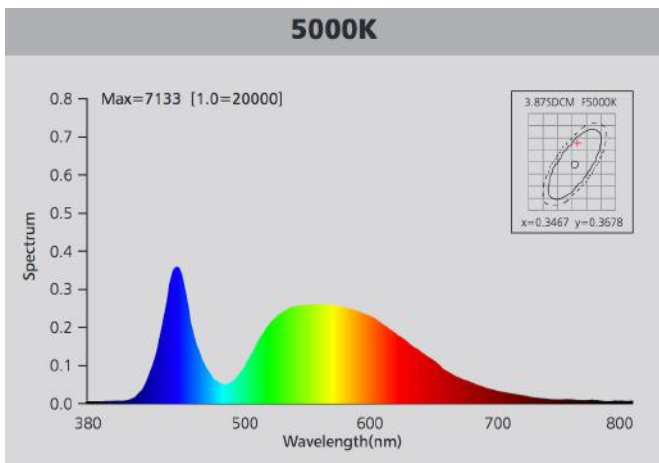
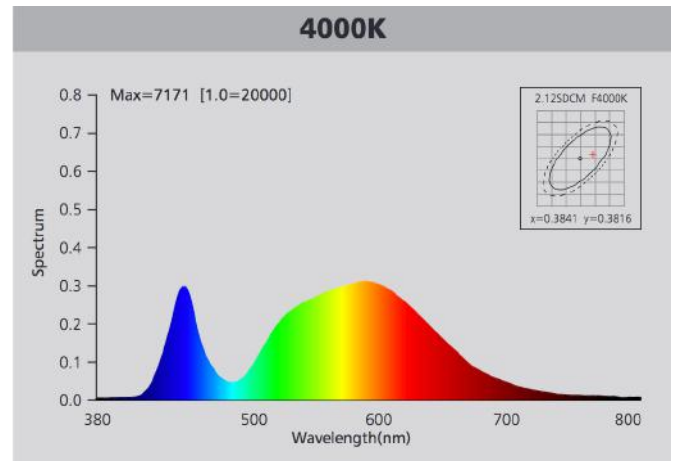
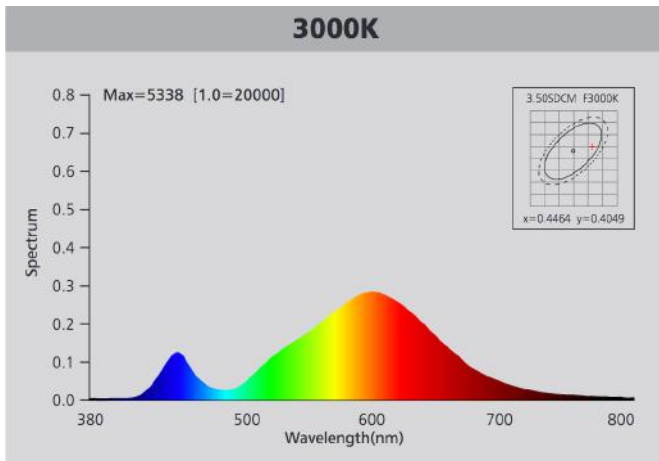


● No Screw on the back

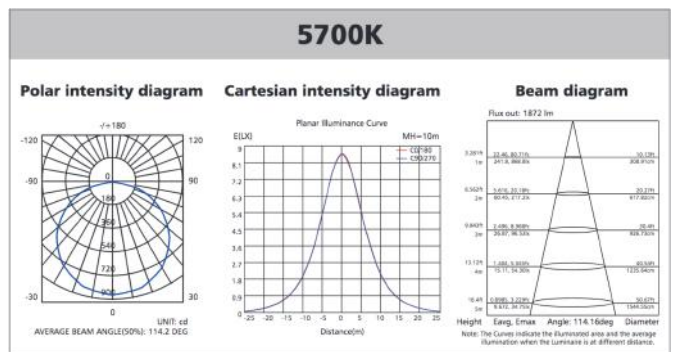
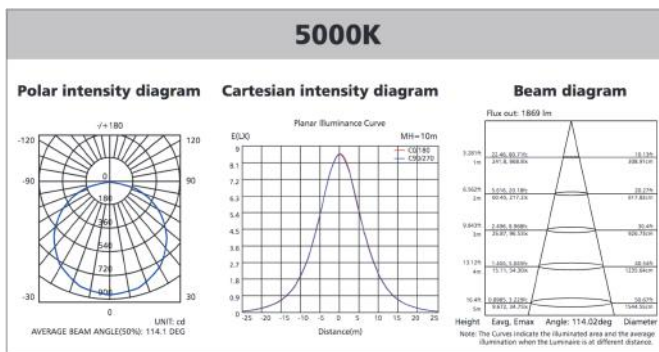
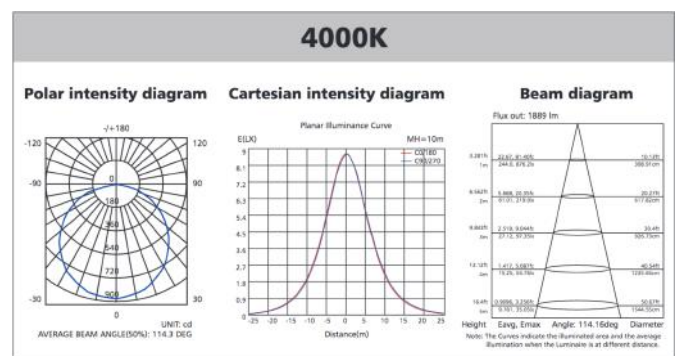
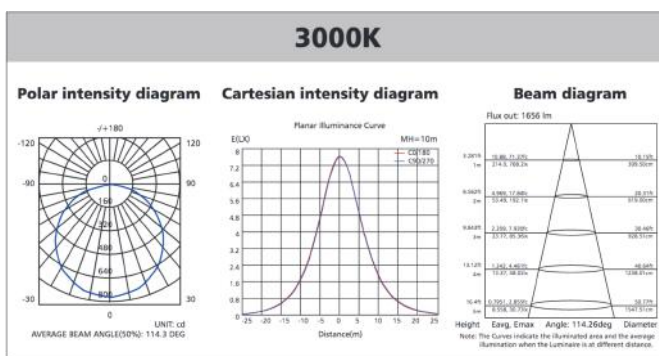
● Product

Panel Light			
Model	FOCYI300-6060S-36		
Dimension	595*595*8mm		
Rated Power	36W±5%		
Input Current	0.85A constant current		
Working Voltage	DC32-42V		
CRI / SDCM	Ra>80 / SDCM<6		
CCT	6000K / 4000K / 3000K		
Luminous Flux	3600-3800LM @ 6000K, 4000K		
	3400-3600LM @ 3000K		
Luminous Efficiency	100LM±5%		
LM80 Lumen Maintenance	>94.7% @ 6,000hrs		
UGR	<22		
LED Specs	Epistar LED SMD4014		
LED Qty	228pcs		
LED Placed	2 sides edge lighting		
Certificate	CE, RoHS		
Material	Aluminum frame& back cover: 6063-T5	Installation	Recessed
	Light Guide Plate: PMMA		Suspended
	Diffusion Plate: PS		Surface mounted
Lifud LED Driver			
Model	LF-GIF040Y		
Input Voltage	AC 220-240V		
Output Current	0.85A constant current		
Out Voltage	DC32-42V		
Power Factor	>0.9		
Driver Efficiency	>90%		
IP Rating	IP40		
Package			
Panel Light with Driver	8pcs/Carton/16.5KG (without inner box), or 6pcs/Carton/13.5KG (with inner box)		
ACCESSORIES (Purchase Separately)	Steel Wires: Wires for suspended installation or as security for recessed installation		
	Surface Mounted Frames or Brackets		

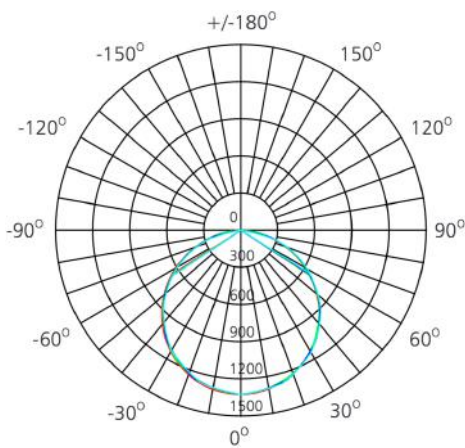
Spectral Distribution



Photometric Diagram



• Polar Diagram Comparison



AVERAGE BEAM ANGLE (50%): 114.2DEG

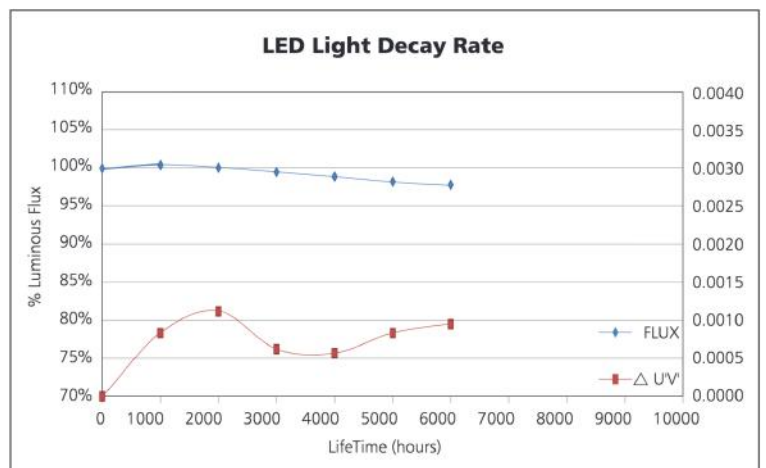
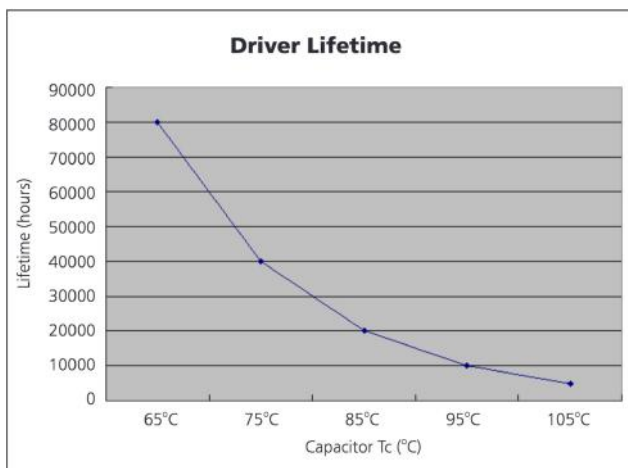
UNIT: cd

- C0/180, 114.5 deg
- C30/210, 114.0 deg
- C60/240, 114.1 deg
- C90/270, 114.4 deg



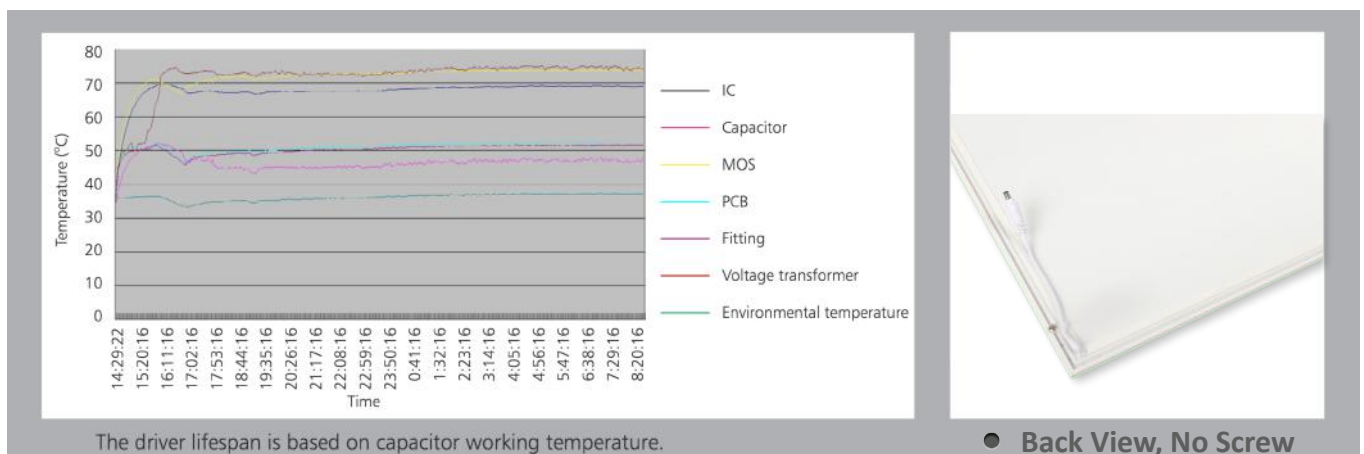
● Front View

• Driver Lifetime & LED Light Decay Rate



• Temperature

- The testing is operated at 25°C
- The lifetime of capacitor, minimum of 5,000 hours if operated at 105°C, will be doubled whenever the temperature drops 10°C
- The highest withstand temperature of IC, MOS could be 120°C
- The highest withstand temperature of LED is 120°C



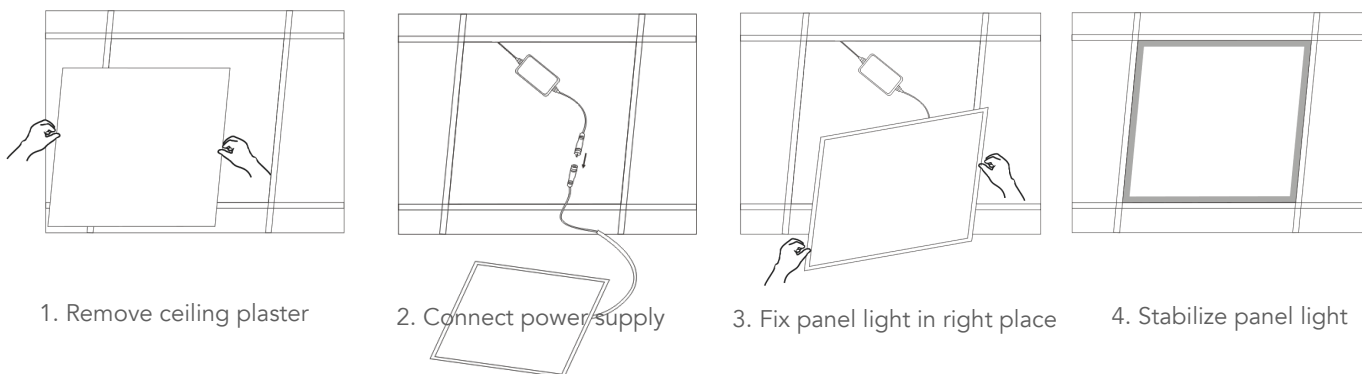
The driver lifespan is based on capacitor working temperature.



● Back View, No Screw

• Installation Method

• Recessed for Grid Ceiling



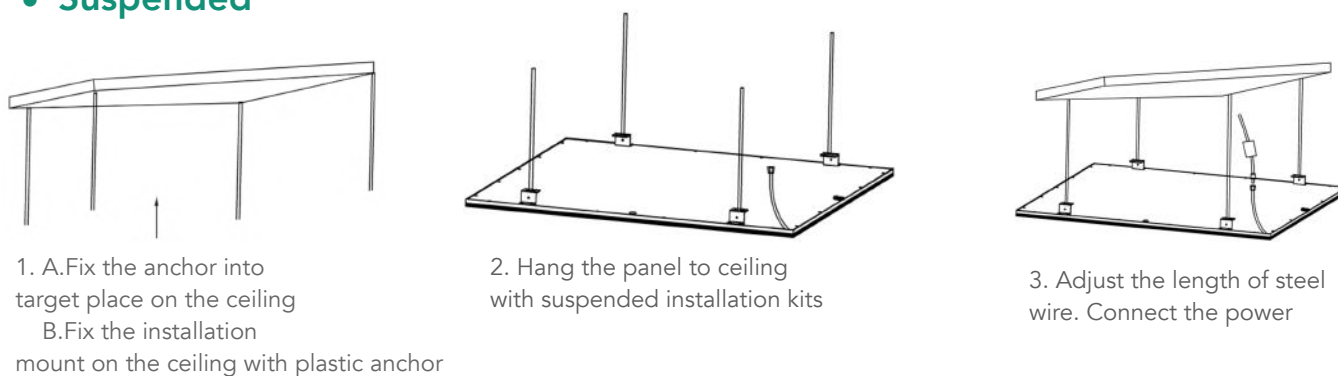
1. Remove ceiling plaster

2. Connect power supply

3. Fix panel light in right place

4. Stabilize panel light

• Suspended



1. A. Fix the anchor into target place on the ceiling
B. Fix the installation mount on the ceiling with plastic anchor

2. Hang the panel to ceiling with suspended installation kits

3. Adjust the length of steel wire. Connect the power

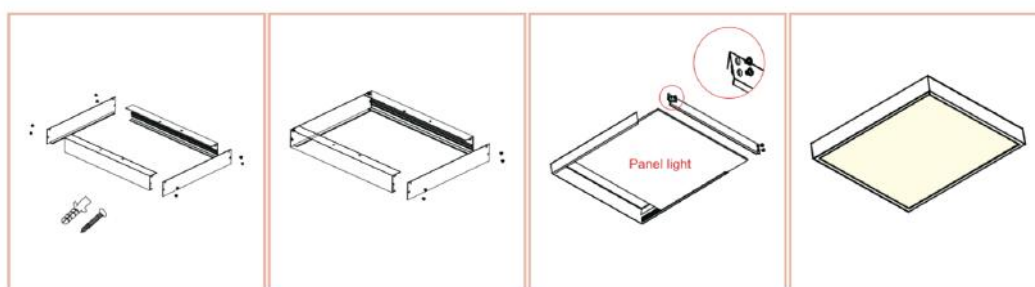
• Recessed in Cut Out Hole with Spring Clips



1. Cut a suitable hole in ceiling

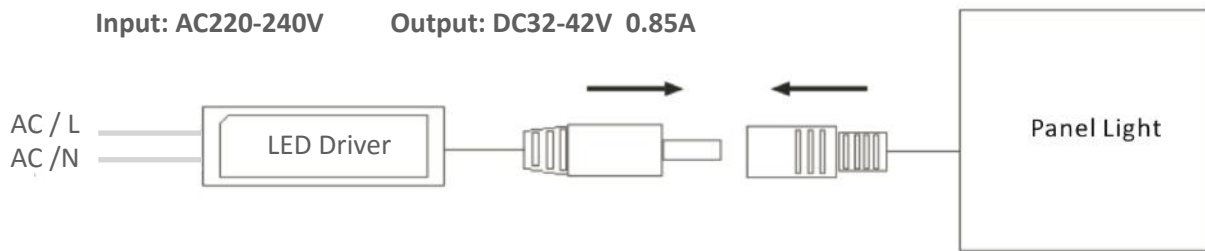
2. Fix spring clips on back of panel light, then

• Surface Mounted



1. Open the package to get panel light, power supply and accessories.
2. Assemble the surface mounted frame with 3 edges fixed well, then fasten to the ceiling.
3. Insert the panel light into the surface mounted frame, with power supply's DC/AC cable connected, and then assemble the last edge of surface mounted frame.
4. Usage by electrical turn on.

Electrical Connection Diagram



● **Danger! Electric Shock**

Switch off the power before connection and wiring the device.

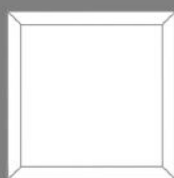
Installation and power connection should be carried out by qualified personnel only.

Accessories

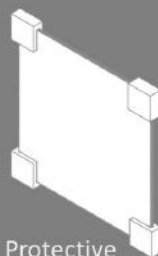
Installation Method	description
Recessed for Grid Ceiling No need Accessory	<p>1. Remove the plasterboard from the ceiling. 2. Fix the panel into ceiling. 3. Installation finished.</p>
Suspended	
Recessed in Cut Out Hole with Spring Clips	
Surface Mounted	

• Cost-Saving Packaging

6PCS/CTN for Project Orders

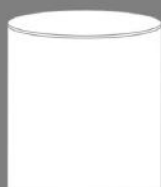
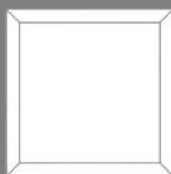


Protective Bag

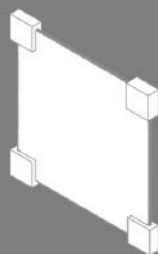
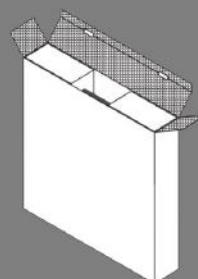
Protective
Polystyrene Foam

8PCS/CTN

6PCS/CTN for Retail Orders



Protective Bag

Protective
Polystyrene Foam

Individual Box



6PCS/CTN

Panel Light 595x595mm	Qty/CTN	Carton Dimension	Gross Weight
Project Order	8pcs (without inner box)	68*68*18cm	16.5KG
Retail Order	6pcs (with individual inner box)	68*68*18cm	13.5KG

• Notice

1. Avoiding using in high risk filed such as strong thunder and lighting, high-intensity magnetic and high ripple input voltage.
2. Ensure proper installation with cable connection in correct way, before electrical turn on, to avoid short circuit or even causing fire.
3. Ensure safe working temperature with installation under a good cooling circumstance.
4. Make sure the local input voltage is suitable for this product.
5. Do not attempt to repair by yourself, to avoid product damaged or warranty become invalid.



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