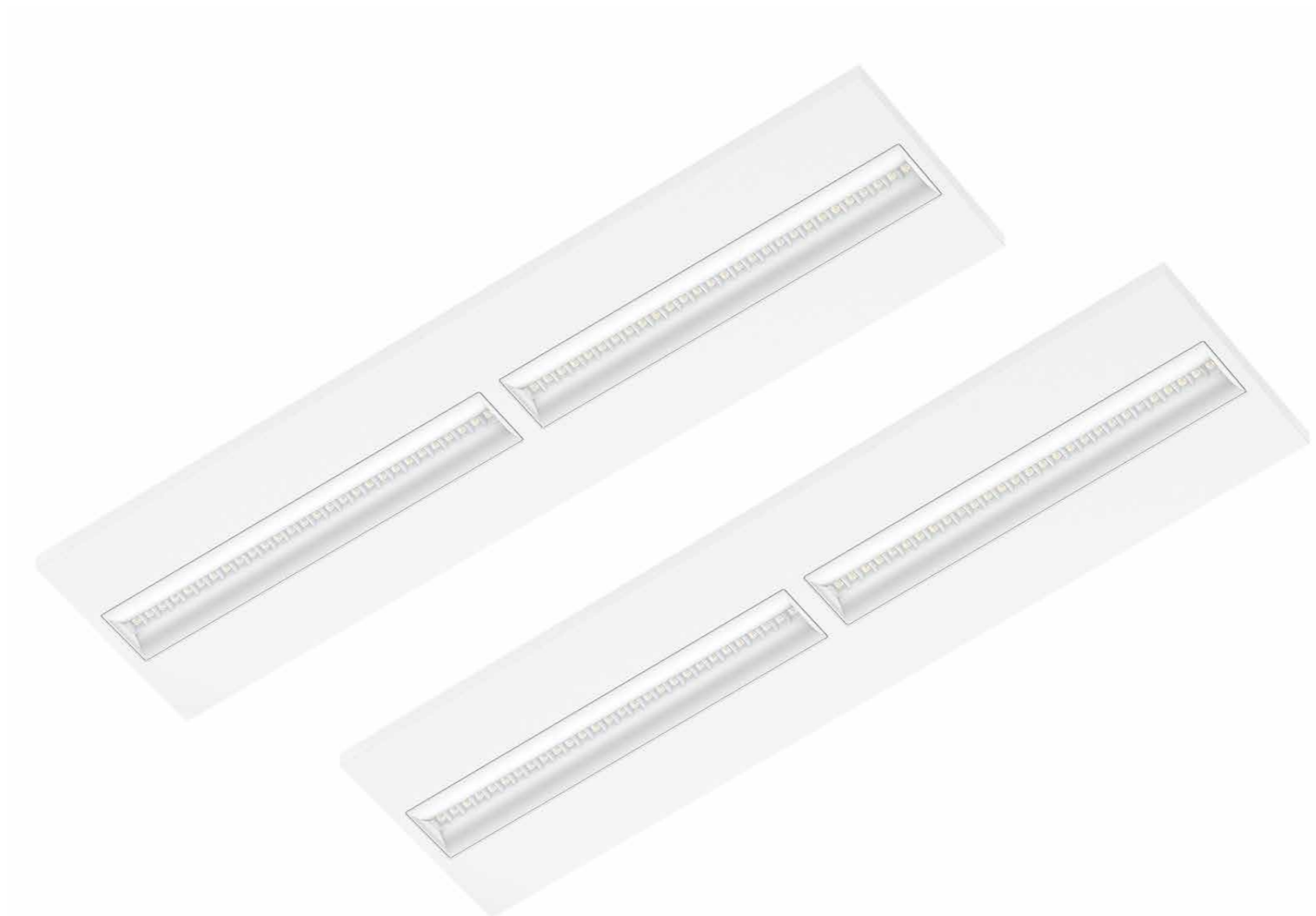
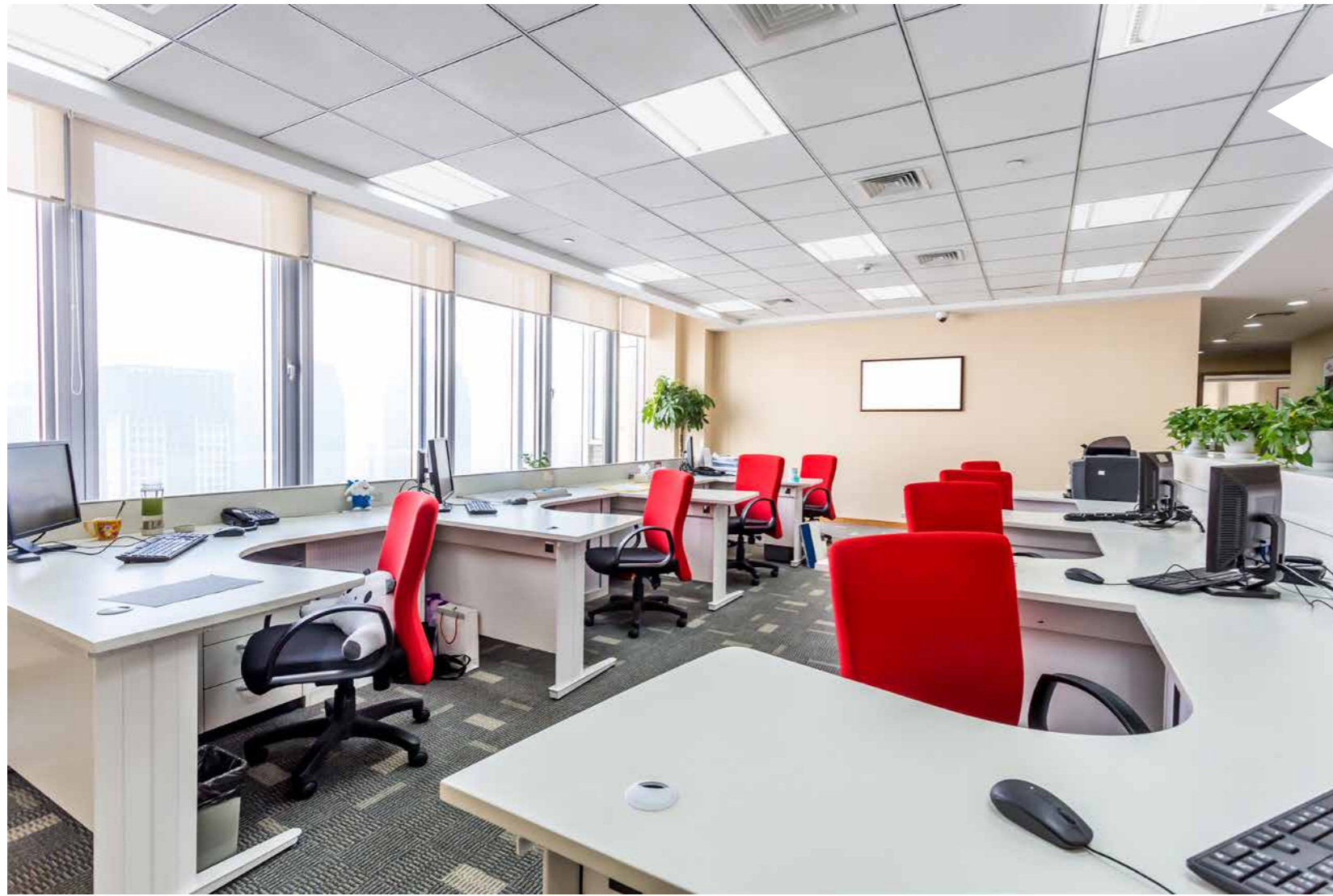


Opal GL-P Series

LED Panel Light





Introduction

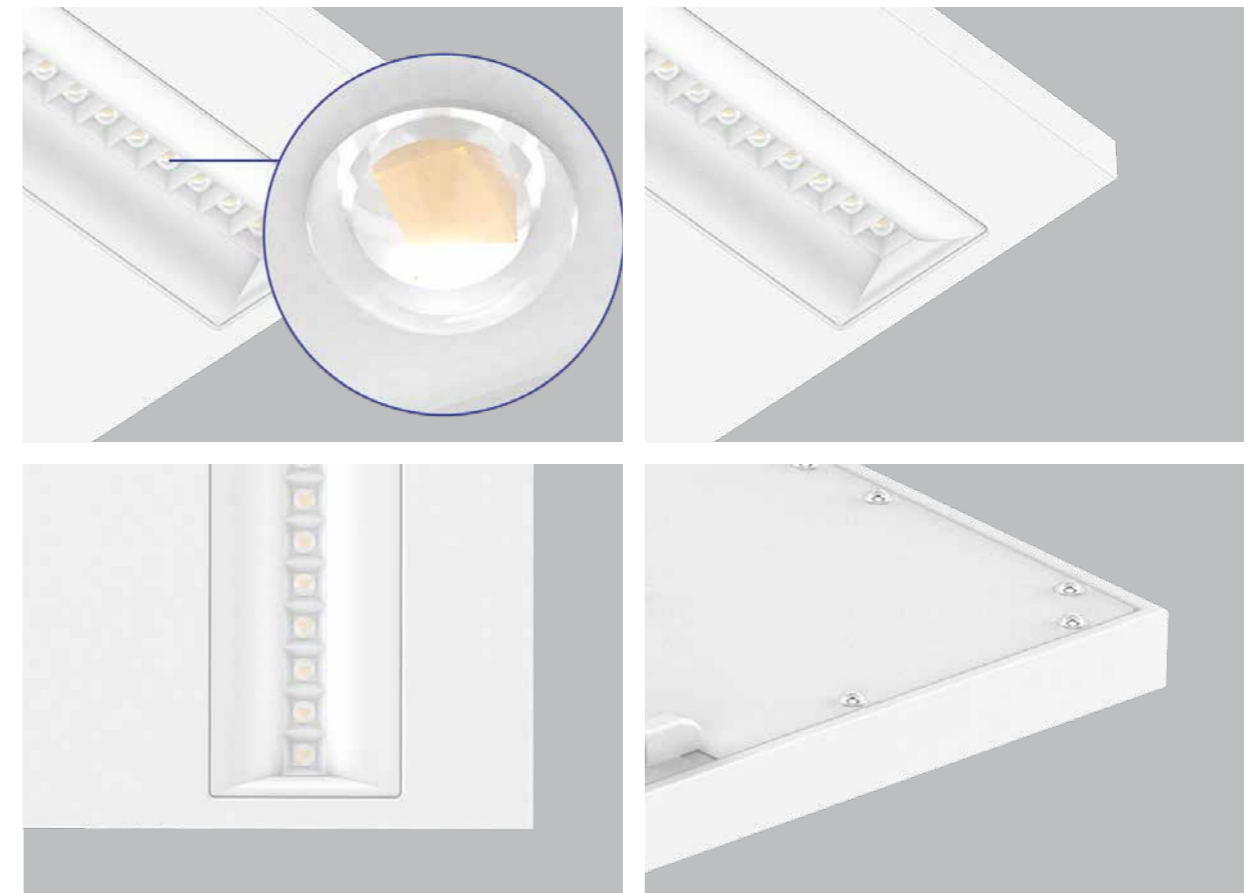
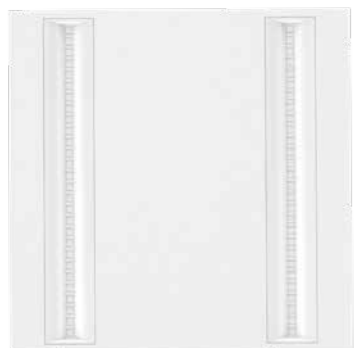
The Panel light is direct lighting with louver anti-glare design. Adopt high lumen SMD chip and special lens which provide high light efficiency and uniform light output. It offers a combination of stylish design and optimum performance for both task and general lighting.

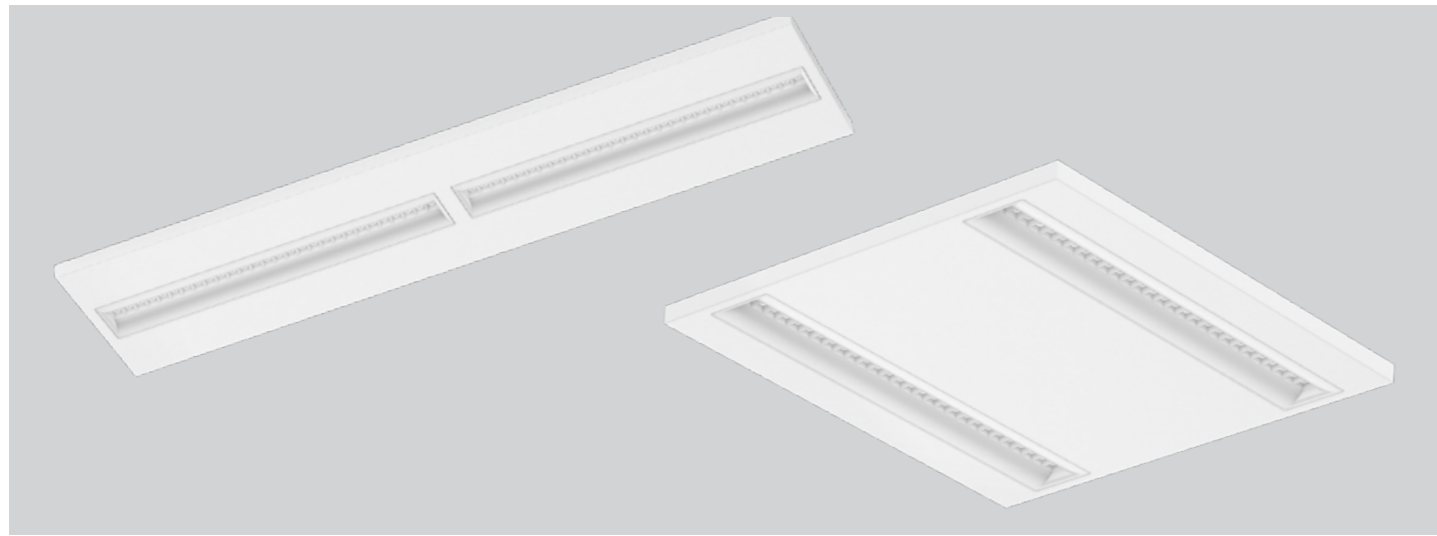
Features

- Direct lighting design, a perfect replacement of traditional grill lamp
- Strong structure design with 23.5mm thickness
- Anti-glare design, UGR<19
- High lumen efficiency,120lm/w
- Beam angle 80°
- IP40 / IK06
- Triac / 0-10 / Dali dimming
- External driver

Application Areas

Office & school lighting: office room, meeting room, class room etc. Commercial lighting: shopping mall, super market, retailer shops etc. Other situations: hospital, laboratory, dust-free workshop etc.



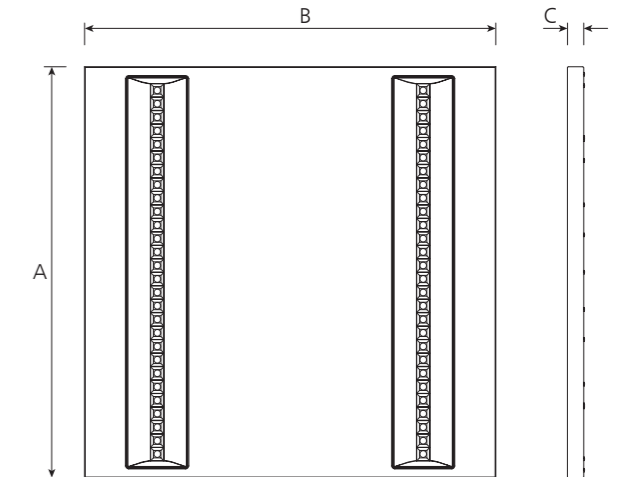


Technical Data Sheet

Model No.	GUOPA-35W-6060-P	GUOPA-35W-6262-P	GUOPA-35W-1230-P		
Dimension(mm)	595*595*23.5	620*620*23.5	295*1195*23.5		
Cutout (mm)	-				
Watt(W)	35W				
Rated Input Voltage(V)	AC230V				
Input Voltage(V)	AC220-240V				
LED Module Input	-				
Light Source	SMD				
SDCM	< 6				
CCT(K)	3000K / 4000K / 5000K / 5700K				
CCT Selection DIP Switch	No				
Luminous Flux (lm) ±5%	Non-DIM	1-CCT	3760~4085	3775~4090	3720~3995
		DIM	3705~3990	3715~4010	3685~3900
	Non-DIM	3-CCT	-	-	-
		DIM	-	-	-
CRI	≥80				
Beam Angle (°)	80°				
UGR	<19				
LED Driver	Built-out				
Dimming Option	Triac / DALI / 0-10V				
Sensor	-				
Emergency Kits	-				
Electrical Class	Class II				
Ingress Protection (IP Rating)	IP40				
Impact Resistance (IK Rating)	-				
Product Finishing(Base)	White RAL 9016				
Materials of Optics	PC				
Materials of Housing	PC+ABS / SPCC				
Lifetime (hr)	50,000h				
Glow wire test (°C)	850°C				
Operating Temp. (°C)	-20°C ~45°C				
Storage Temp. (°C)	-20°C ~65°C				
Installation	Pendant / Recessed				

Measurement

Model	Dimension(mm)			Size(mm)	Product Weight (Kg)	
	A	B	C		N.W/PC	G.W/PC
6060	595	595	23.5	595*595*23.5	3.5	3.9
6262	620	620	23.5	620*620*23.5	3.65	4.15
1230	295	1195	23.5	295*1195*23.5	3.55	4



Driver Datasheet (Non-Dimmable)

Total load wattage		35W
Output	Output Voltage range	DC28-40V
	Rated output current	850mA
	Line Regulation	±5%
	Setup, Rise Time	<0.5S
	Flickering Index	<80%
Input	Input Voltage	AC230V
	Rated Input Voltage(V)	AC220-240V
	Frequency	50/60Hz
	Input Current	≤0.19A
	Rated Input Current	0.16A
	Power Factor	0.9
	THD	<20% @ 230V
	Efficiency	>86%
	No load wattage	<1W
Protection	Short circuit protection	Pass
	Over voltage protection	Pass
	Over temperature protection	Pass
Safety & EMC	Withstand voltage	I/P-O/P:3.75KVac, <5mA 60S
	Isolation Resistance	I/P-O/P: 500VDC, ≥100M Ω
	Inrush Current	IEC61000-4-5(L-N:1KV)
	EMC Emission	EN55015, EN61000-3-2
	EMC Immunity	EN61000-4-2,3,4,5,6,8,11; EN61547

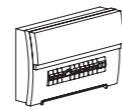
Driver Datasheet (Triac Dimmable)

Total load wattage		35W
Output	Output Voltage range	DC23-40V
	Rated output current	800mA
	Line Regulation	±5%
	Setup, Rise Time	<1S
	Flickering Index	<10%
Input	Input Voltage	AC230V
	Rated Input Voltage(V)	AC200-240V
	Frequency	50Hz
	Input Current	≤0.2A
	Rated Input Current	0.17A
	Power Factor	0.9
	THD	<20% @ 230V
	Efficiency	>85%
	No load wattage	<1W
Protection	Short circuit protection	Pass
	Over voltage protection	Pass
	Over temperature protection	Pass
Safety &EMC	Withstand voltage	I/P-O/P:3.75kVac, <5mA 60S
	Isolation Resistance	I/P-O/P: 500VDC, ≥100M Ω
	Inrush Current	IEC61000-4-5(L-N:1KV, L/N-PG:2KV)
	EMC Emission	EN55015, EN61000-3-2
	EMC Immunity	EN61000-4-2,3,4,5,6,8,11; EN61547

Installation Procedure

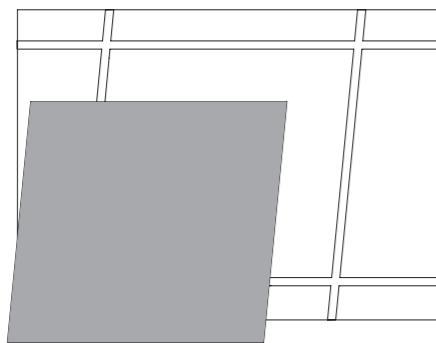
WARNING ⚡

- 1.Switch off power supply before installation / maintenance.
- 2.Switch on after completing installation and examination of the circuit.
- 3.The Panel Light must be installed and maintained by professional electrician.



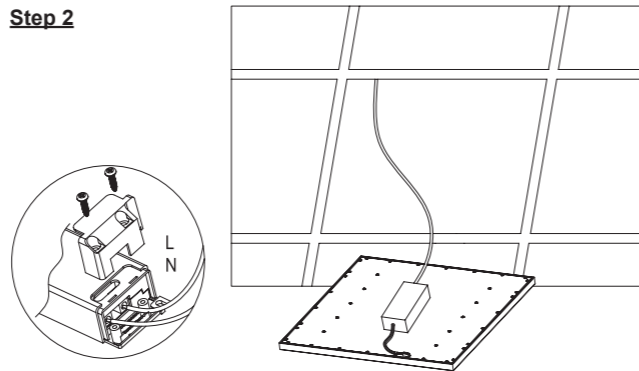
Recessed into ceiling (1)

Step 1



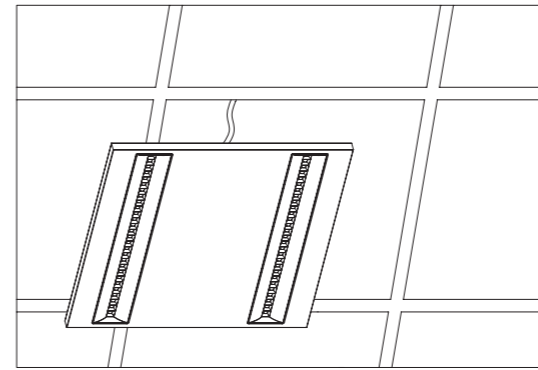
Remove ceiling plaster slab.

Step 2



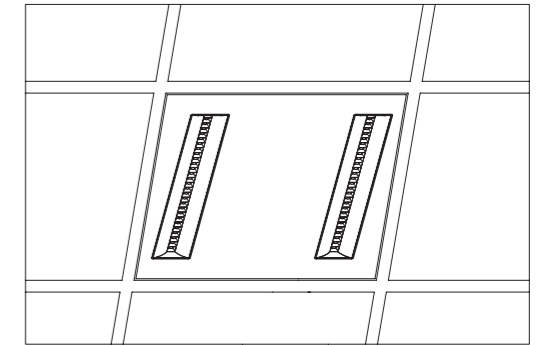
Feed the main AC wire in driver terminal block respectively, connect the panel light and driver.

Step 3



Fix the panel light to the plaster ceiling.

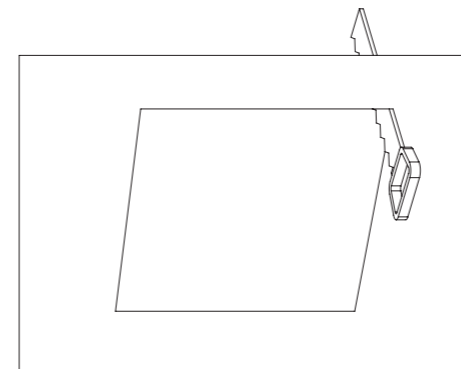
Step 4



Make sure the led panel light is firmly fixed, then turn on the power..

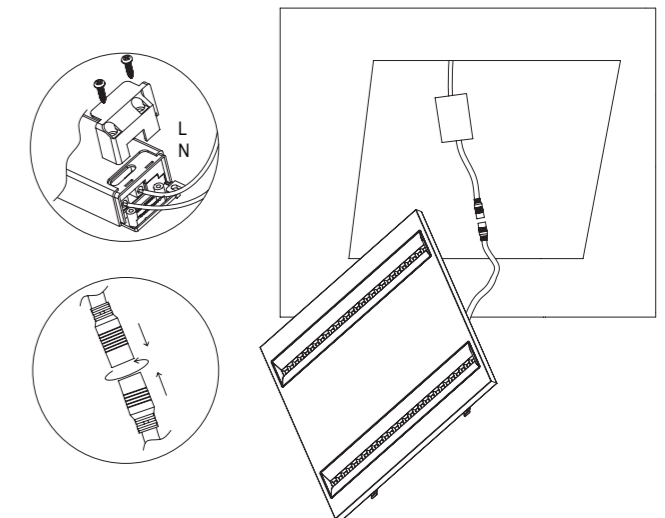
Recessed into ceiling (2)

Step 1



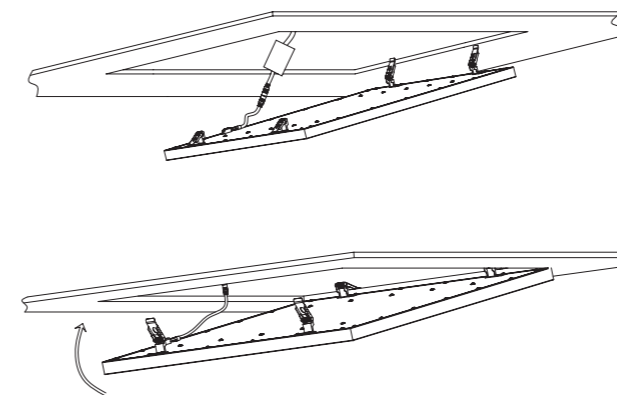
Open a hole according to the cutout size.

Step 2



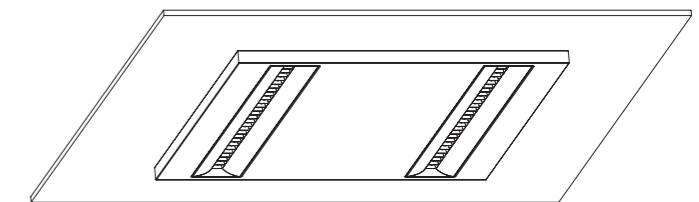
Feed the main AC wire in driver terminal block respectively, connect the panel light and driver.

Step 3



Fasten one side of clips with the ceiling. Fasten the other side of clips.

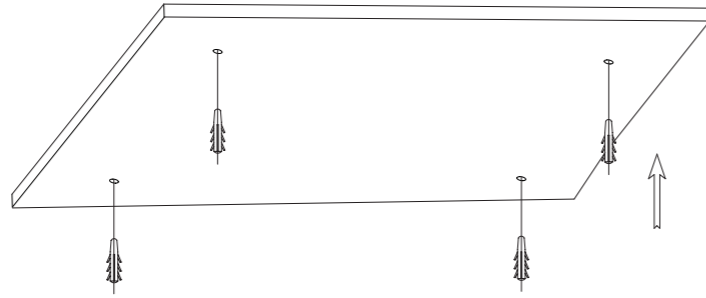
Step 4



Turn on the power, installation completed.

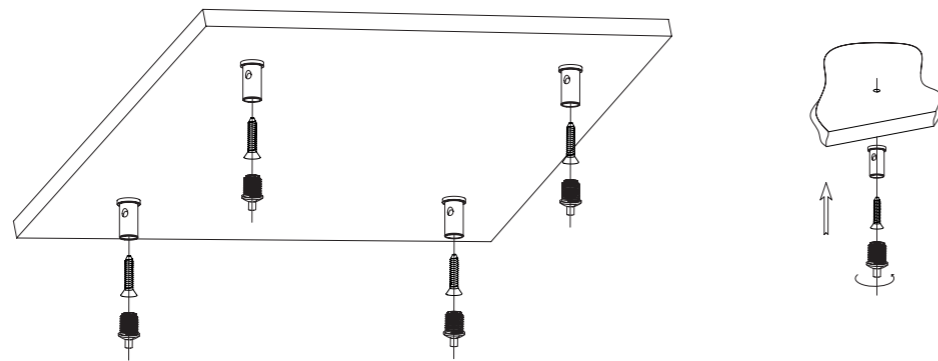
Suspending

Step 1



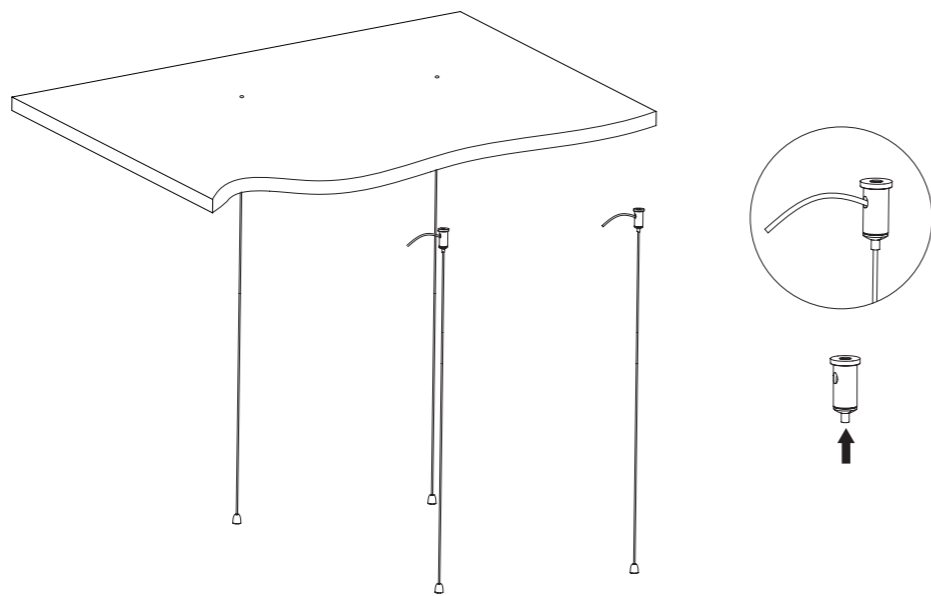
Fix the anchor into target place on the ceiling.

Step 2



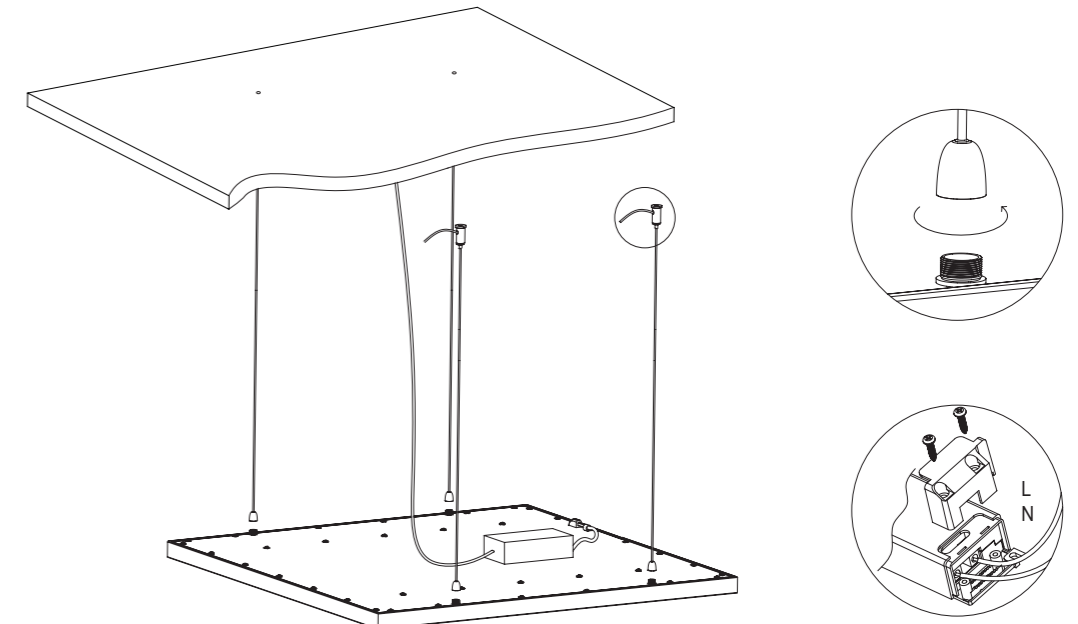
Fix the installation mount on the ceiling with plastic anchor.

Step 3



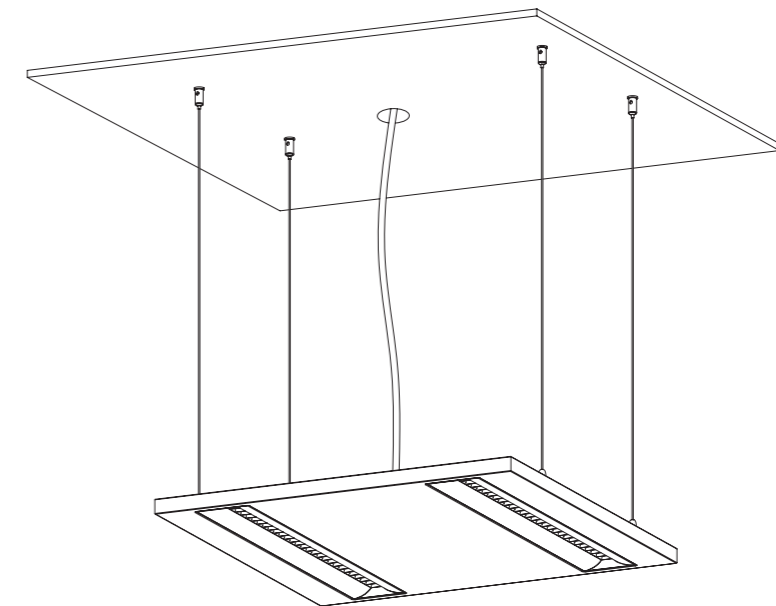
Hang the panel to ceiling with suspended installation kits, adjust the length of steel wires.

Step 4



Feed the main AC wire in driver terminal block respectively.

Step 5



Turn on the power, installation completed.