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LED Panel Light G Series

160 lm/w 145 lm/w CRI ≥80 CE RoHS Warranty 5 years

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Description

◎ LED Square Panel Light can perfectly replace traditional downlight. Using Light Guide Plate, it has the feature of uniform and smooth light beam, low glare rating, low light pollution, and excellent protection from eyestrain. It can be widely used as interior lighting in shops, supermarkets, malls and hospitals, etc

Features

◎ Adopt simple structure, easy to assemble;

◎ Energy-saving and eco-friendly,CE RoHS compliant;

◎ Select edge-lit structure,more uniform and softer light;

◎ High-efficient thermal management design, LEDs and power supply work in low temperature, high stability of continuous working;

◎ RAL9003 white lamp body, modern and simple design.

◎ Standard warranty: For PS LGP.it is 3 years warranty , For PMMA LGP.it is 5 years warranty

Aluminum housing

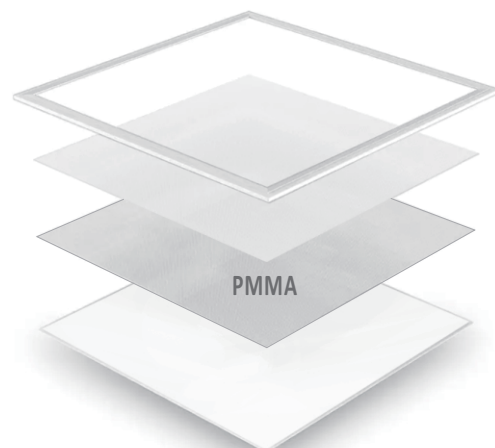◎ Aluminum alloy material, good heat dissipation performance

Heat faster

Low temperature

High color rendering

CRI=70   CRI=80
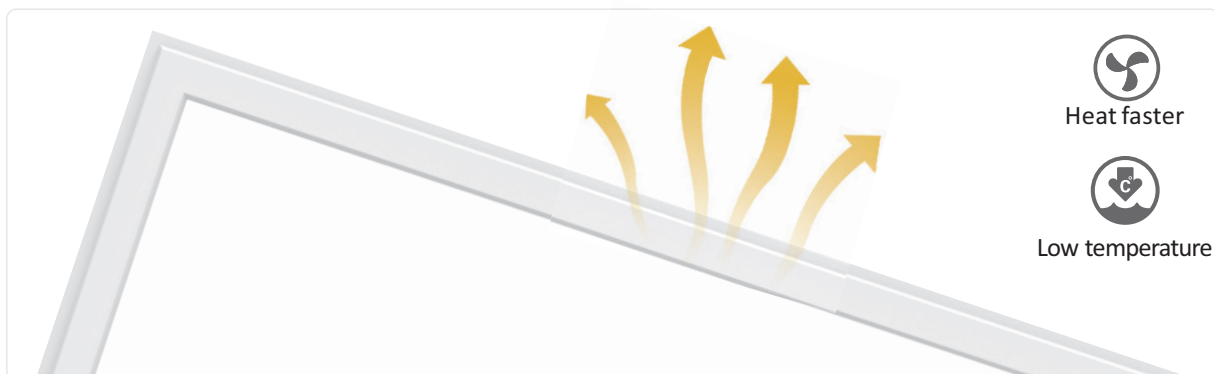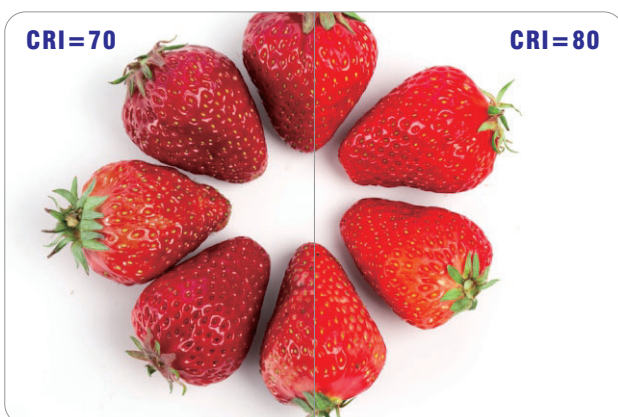
PMMA light guide plate, anti-UV

◎ PMMA light guide plate, anti-UV, anti-yellowing

PMMA

Anti-glare design

◉ Anti-Glare lampshade, protect the eyes, Low UGR

High efficiency

◉ 145lm/w and 160lm/w high efficiency for optional

Flicker free LED driver

◉ Constant current design, THD<15%

Long Life time
50000
hours

Applications
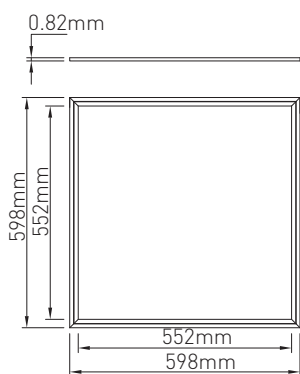
Suitable for hotels,conference rooms,factories,offices,commercial purposes,institution buildings,schools,colleges, universities,hospitals and other places which needs energy saving and high color rendering index lighting.
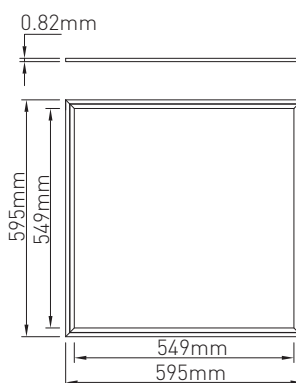
Specifications

Model	CCT	Power (±10%)	Lumen (±10%)	Efficiency	PF value	LED Type	CRI	Application environment	Input voltage	Protection grade
SC-PSC24CE6060-G36W-P	6000-6500K	36W	5220	145LM/W	>0.9	4014	≥80	-10℃-40℃	220-240V 50/60Hz	IP40
SC-PSC24NE6060-G36W-P	3800-4200K	36W	5220							
SC-PSC24WE6060-G36W-P	2800-3200K	36W	4860							
SC-PSC24CE3012-G36W-P	6000-6500K	36W	5220							
SC-PSC24NE3012-G36W-P	3800-4200K	36W	5220							
SC-PSC24WE3012-G36W-P	2800-3200K	36W	4860							
SC-PSC24CE6012-G44W-P	6000-6500K	44W	6380							
SC-PSC24NE6012-G44W-P	3800-4200K	44W	6380							
SC-PSC24WE6012-G44W-P	2800-3200K	44W	6075							
SC-PSC24CE6060-G36W-H	6000-6500K	36W	5760	160LM/W	>0.9	2835	≥80	-10℃-40℃	220-240V 50/60Hz	IP40
SC-PSC24NE6060-G36W-H	3800-4200K	36W	5760							
SC-PSC24WE6060-G36W-H	2800-3200K	36W	5400							
SC-PSC24CE3012-G36W-H	6000-6500K	36W	5760							
SC-PSC24NE3012-G36W-H	3800-4200K	36W	5760							
SC-PSC24WE3012-G36W-H	2800-3200K	36W	5400							
SC-PSC24CE6012-G44W-H	6000-6500K	44W	7040							
SC-PSC24NE6012-G44W-H	3800-4200K	44W	7040							
SC-PSC24WE6012-G44W-H	2800-3200K	44W	6600							

Dimensions (Unit: mm)

0.82mm

598mm
552mm

552mm
598mm

SC-PSC24YE6060-G40W-Y
600*600

0.82mm

595mm
549mm

549mm
595mm

SC-PSC24YE595595-G40W-Y
595*595

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0.82mm

598mm
552mm

1152mm
1198mm
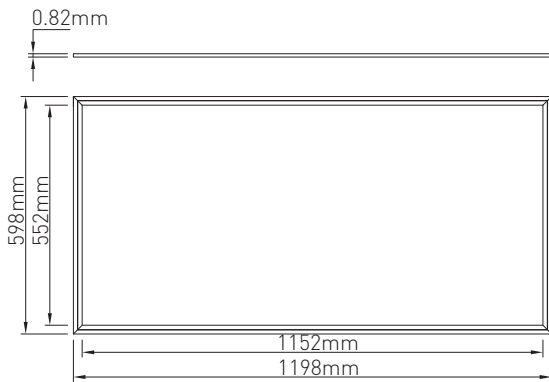
SC-PSC24YE6012-G40W-Y
600*1200

0.82mm

595mm
549mm

1149mm
1195mm
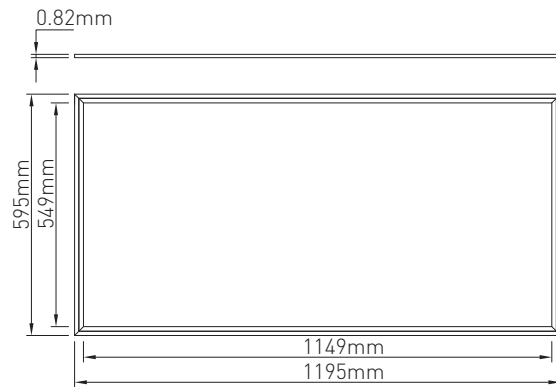
SC-PSC24YE5951195-G40W-Y
595*1195

0.82mm

298mm
252mm

1152mm
1198mm
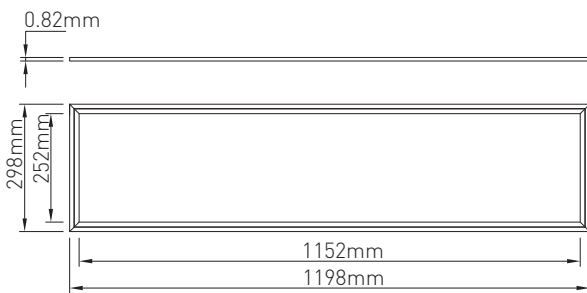
SC-PSC24YE3012-G40W-Y
300*1200

0.82mm

295mm
249mm

1149mm
1195mm
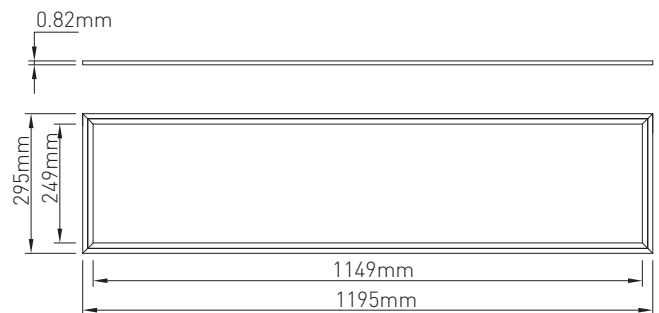
SC-PSC24YE2951195-G40W-Y
295*1195

All dimension tolerance is +0.5mm unless otherwise noted.
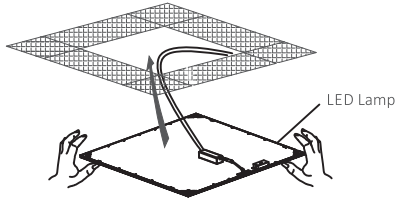
Electrical Connection

L

N

AC 200-240V
50/60Hz

LED driver
DC27-40V,1.05A

PANEL LIGHT
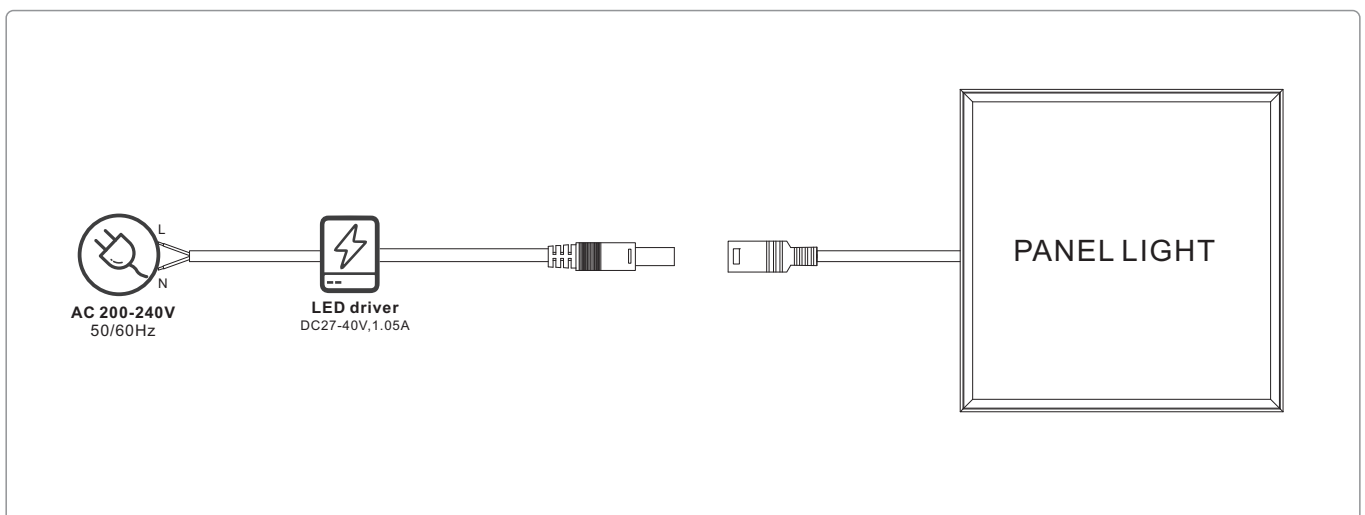
Installation Instructions
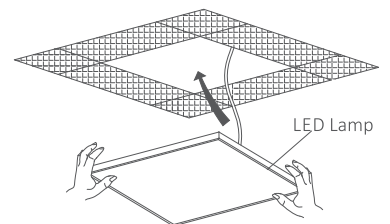
Embedded Installation

① Drill Holes
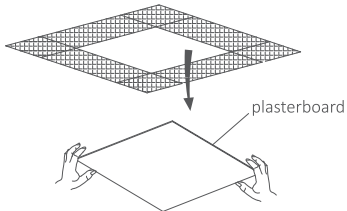
plasterboard

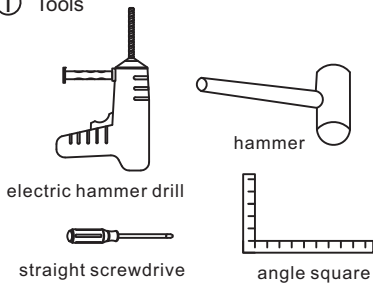Move the corresponding-size plasterboard away

② Connect the power
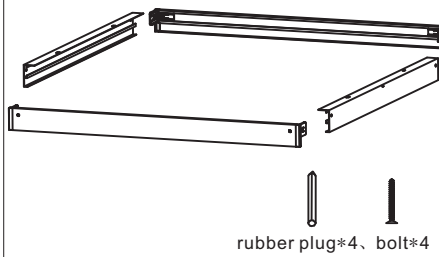
LED Lamp

③ Put the lamp into the ceiling

LED Lamp

Surface Installation

① Tools

hammer

electric hammer drill

straight screwdrive

angle square

② Accessories

rubber plug*4、bolt*4

③ Mark position line

Mark position line according to distance and dimension of hole position of ceiling frame

④ Drill holes

Drill holes with electric hammer drill according to position line

⑤ Install rubber plug

Hammer rubber plug into drilled hole
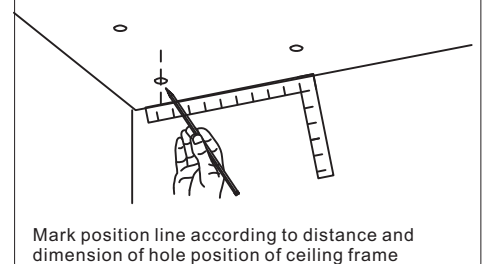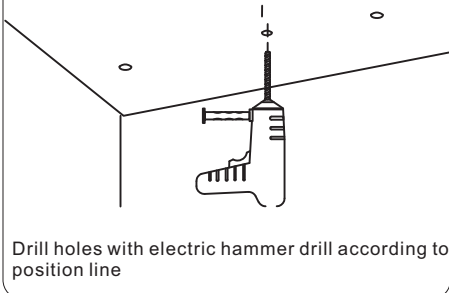
⑥ Fix ceiling frame
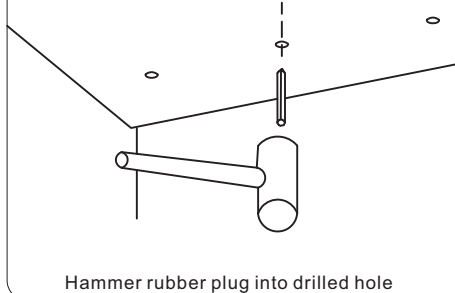
Fix ceiling frame with screws
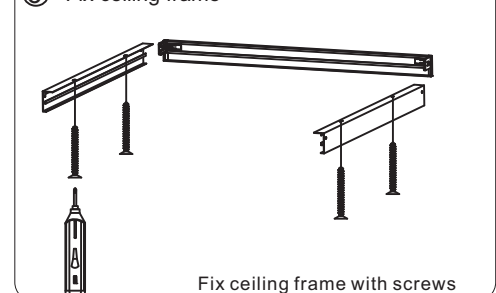
⑦ Connect ceiling frame with plastic corner brace

Connect ceiling frame with corner brace to ensure seamless connection
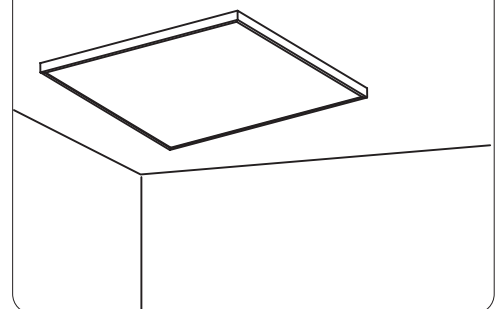
⑧ Install lamp and connect ceiling frame with corner brace
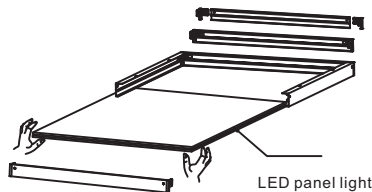
LED panel light

1. Push the panel light into the track of ceiling frame
2. Connect ceiling frame with corner brace to ensure seamless connection

⑨ Installation finish

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Suspendent Installation

Tool

electric hammer drill

hammer

slotted screwdriver

cross screwdriver

plastic anchor x 2

screw x 2
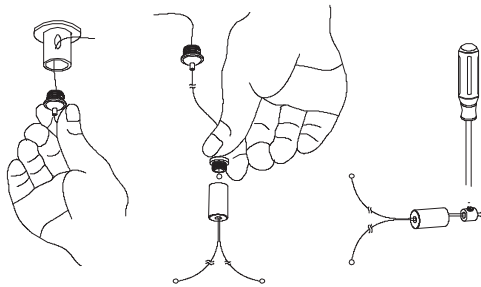
pendant rope x 2

Installation accessories

ceiling cap

snap spring

pendant rope of ceiling end

T-shape screw bolt

bolt of clamping rope

wire clamp on Y end

suspendent rope on Y end

headless screw
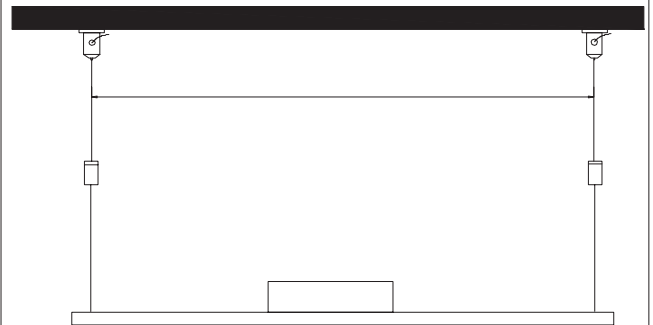
exploded drawing of pendant rope

Installation steps

1.disassembling figure
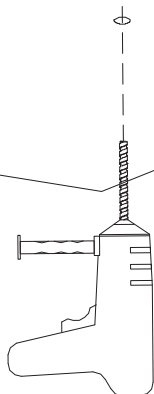
1.Unscrew wire clamp

2.Unscrew T-shape bolt

3.Unscrew headless screw on suspendent rope of the Y end with slotted screw, take out suspendent rope of the Y end.
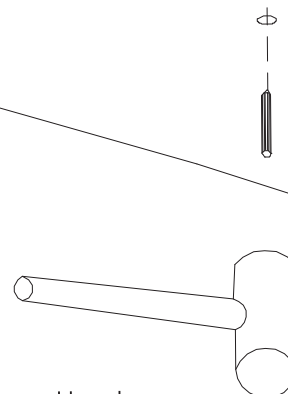
2.Installation diagram

reference dimension

3.Drill a hole

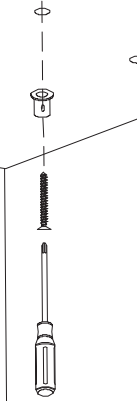Drill a hole with electric hammber drill
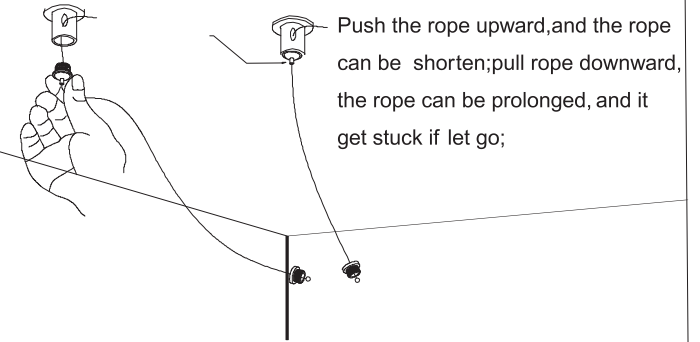
4. Install rubber plug

Hammer rubber plug into drilled hole；

5.Fasten ceiling cap

1. Unscrew ceiling cap;
2. Thread screw through ceiling
   cap, and fasten it into rubber
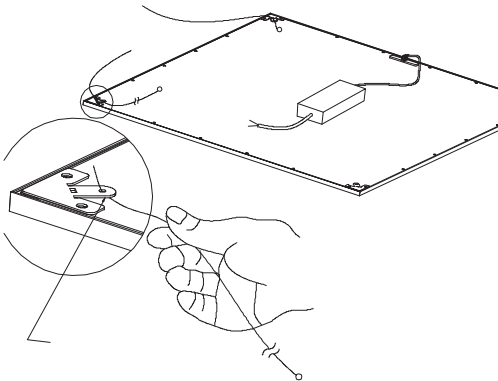   plug with cross screwdriver.

6.Install wire clamp

Push the rope upward,and the rope can be shorten;pull rope downward, the rope can be prolonged, and it get stuck if let go;

1. After the screw is fixed, thread the disassembled wire clamp through hole in the ceiling cap, then rotate it right-handed to tightening it;2.Adjust rope length.

7.Install suspendent rope on Y end

1. Thread suspendent rope through inner hole of lamp bracket;
2. Repeat step 1, install another suspendent role on Y end on adjacent side of panel light.

8.Fasten suspendent rope on Y end
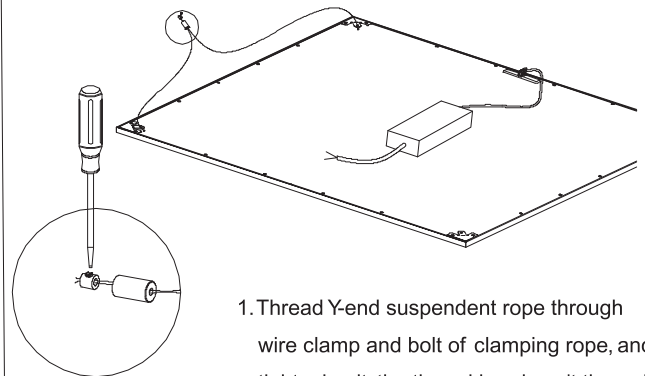
1. Thread Y-end suspendent rope through wire clamp and bolt of clamping rope, and tightening it; the thread head can't through the clamping rope too much, and about 3mm is OK;

9.Fix suspendent rope on fixed end
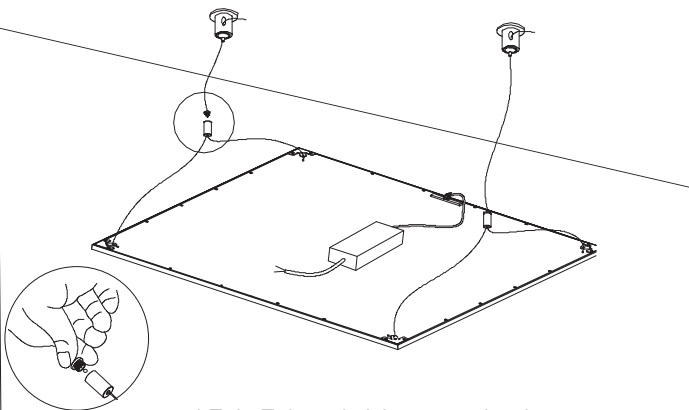
1.Twist T-shape bolt between wire clamp on Y end, repeat above step, installation finish.

10.Installation finish

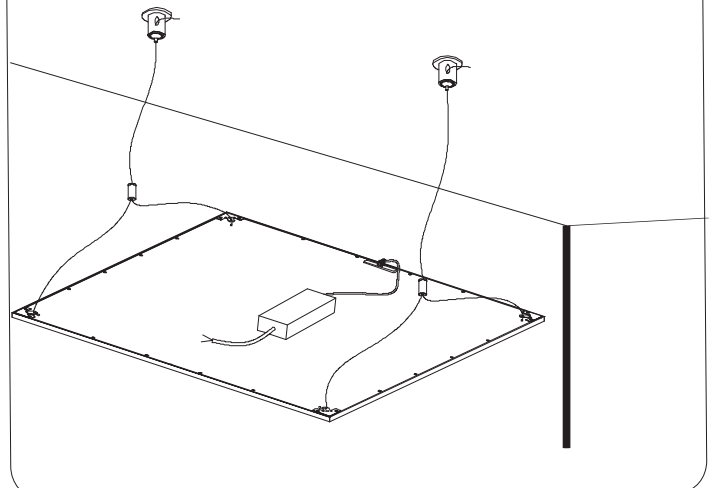# Signcomplex | light and smart

Product packaging information:

300*1200	600*1200	600*600
1. One net weight: 2.605kg	1. One net weight: 4.66kg	1. One net weight: 2.395kg
2. Inner box size: 1235X380X38mm	2. Inner box size: 1254X694X42mm	2. Inner box size: 680X636X38mm
3.Gross weight/Carton: 19.669kg	3.Gross weight/Carton: 23.64kg	3.Gross weight/Carton: 18.12kg
4. Packing size: 1250X285X415mm	4. Packing size: 1275X110X715mm	4. Packing size: 650X285X715mm
5.1pc/inner box.6 inner boxs/carton	5. 2pcs/inner box.2 inner boxs/carton	5. 1pc/inner box.6 inner boxs/carton

⚠ Notice

1.Please read the specification first, to make sure the service environment matches the condition in the specification before using.

2.Please confirm the applicable power supply before using.

3.Make sure the switch of product is off before connect to the power supply to prevent electric shock.

4.Operation against rules may damage your property even harm to your personal safety.

5.Preliminarily estimate required quantity of LED panel lights, then according to the power rating of single panel light to figure out the total power and design power supply plan.

6.Dangerous high voltage, Non-professionals are not allowed to maintain the products.

7.If the exterior flexible cable or wire is damaged, it must exchange by the supplier, its agent or other similar qualified personnels to avoid dangers.

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