Color adjustable flat panel light

3000K   4000K   6000K

Color Adjustable

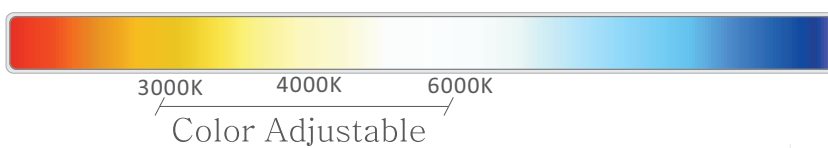| Triac Dimmres | 0-10V Dimmres | Dali Dimmres | 110° | PF >0.9 | V AC 200-240V | CRI ≥80 | Warranty 3years | CE |

Description

LED flat panel light is the latest new generation of edge-lit lighting fixture,it has the uniform and smooth lighting effect and elegant appearance design.And each fixture is 3 SKUS in 1 unit design,so the users can easily set the color temperature that they want.

Features

◎ Color temperature setting：3000K,4000K, 6000K

One piece color adjustable and panel light=3 pcs regular panel light now,it can save the shipping time,warehouse space and your stock cost.

◎ Visual Uniformity
Using high quality LGP with silk printing technology, the light uniformity rate is greater than 85%. No yellow edge and dark area,prefect lighting effect.

◎ High efficiency up to 80-90LM/W,DLC standard and Premium version for optional
High transmission LGP (more than 90%), high lumen LED efficacy paired with high power factor drivers

◎ Flicker free LED driver and flickering driver for optional
Constant current design,PF>0.9,THD<15%.
Short circuit,open circuit protection,and 1KV surge protection.
0-10V、DALI、Triac driver also can work with this panel light.

Three installation options
◎ Each panel with standard clips for recessed and suspending installation.Optional surface mounted kit available.

Application

LED Square Panel Light can be used in hotels,meeting rooms,factories,offices,commercial purposes,residential institution buildings,schools,hospitals,places which needs energy saving and high color rendering index lighting.
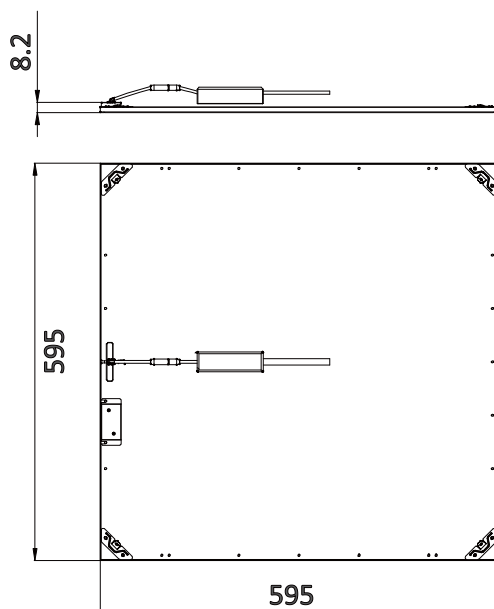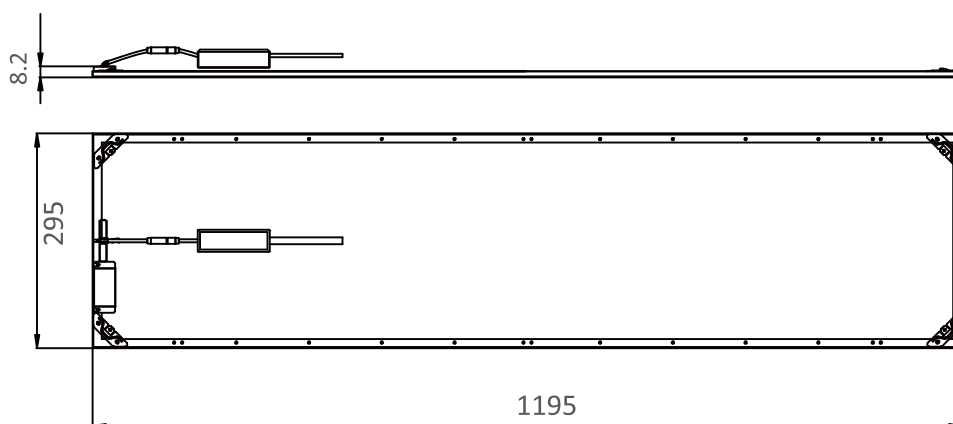
Specifications

Model	CCT	Light efficiency	Size(mm)	LED type	Power	Voltage(V)	CRI	Beam angle	Color tunable selectable way
SC-PSCAWRE6060-R40W-01	3000K－4000K－6000K (±500K)	80-90LM/W	595*595	4014	40W	200-240VAC	>80	110°	DIP switch
SC-PSCAWRE3012-R40W-01			295*1195		40W				
SC-PSCAWRE6012-R50W-01			595*1195		50W				
SC-PSCAWRE6060-R40W-02	3000K－4000K－6000K (±500K)	80-90LM/W	595*595		40W				Wall switch
SC-PSCAWRE3012-R40W-02			295*1195		40W				
SC-PSCAWRE6012-R50W-02			595*1195		50W				

Signcomplex
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Dimensions (unit: mm)

595*595mm

8.2

595

595

295*1195mm

8.2

295

1195

595*1195mm

8.2

595

1195
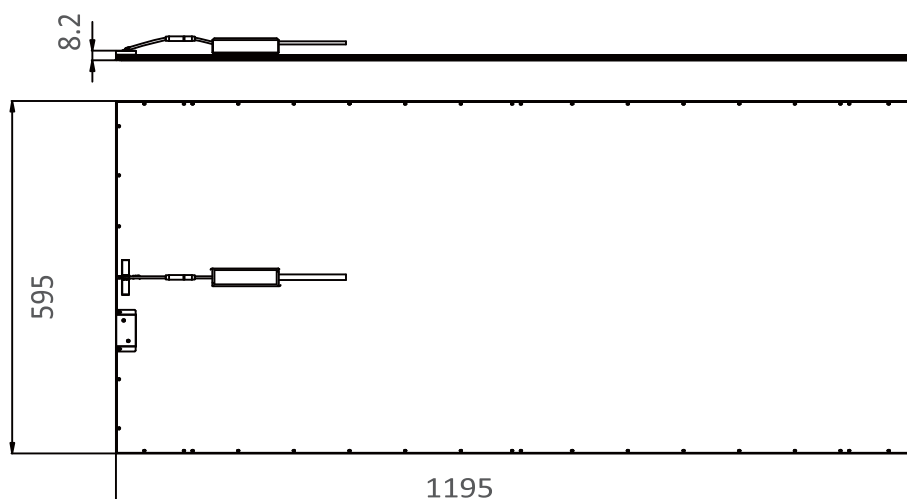
Installation drawing
Recessed installation
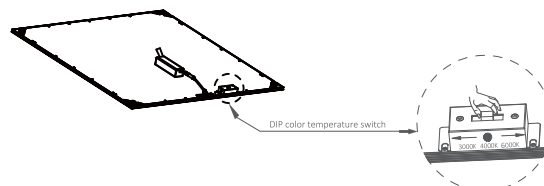
1. Drill Holes
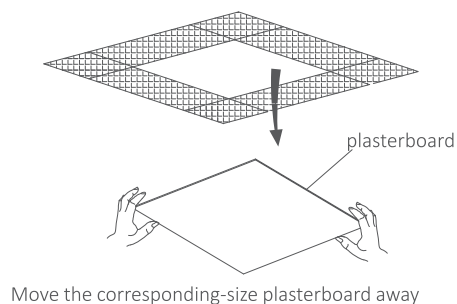
plasterboard
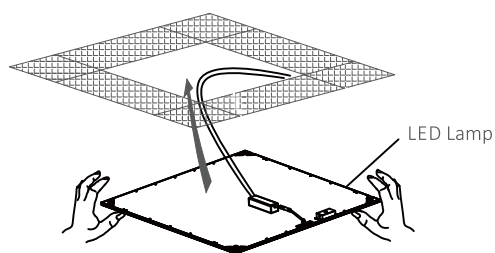
Move the corresponding-size plasterboard away

2. Swipe the DIP switch on the back to position of corresponding temperature(for DIP switch version)
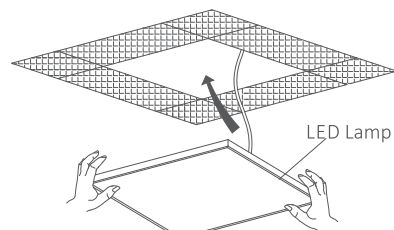
◉ Switch the color temperature switch according to needs to switch color temperature to corresponding position
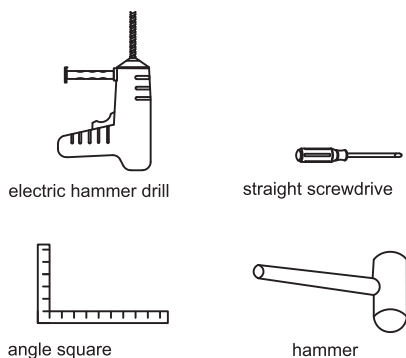

DIP color temperature switch

3. Connect the power

LED Lamp

4. Put the lamp into the ceiling

LED Lamp

Surface Installation

1. Tools

electric hammer drill

straight screwdrive

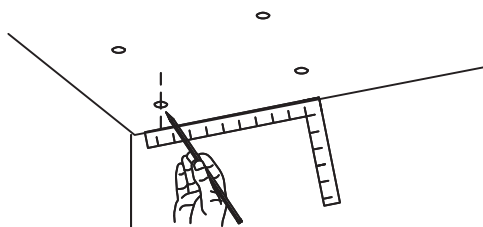angle square

hammer

2. Accessories
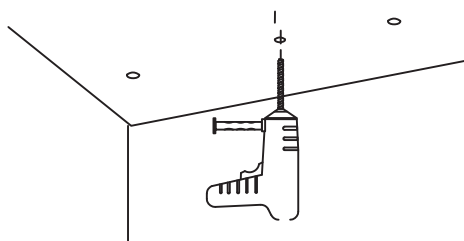

rubber plug＊4、bolt＊4
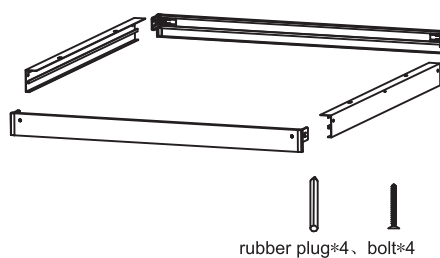
3.Mark position line

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

4.Drill holes

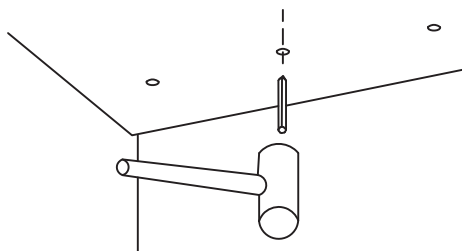◉ Drill holes with electric hammer drill according to position line

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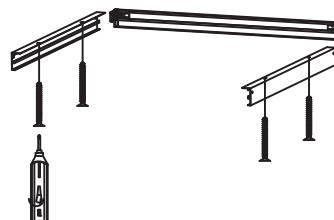
Suspendent Installation

5. Install rubber plug

◉ Hammer rubber plug into drilled hole

6. Fix ceiling frame
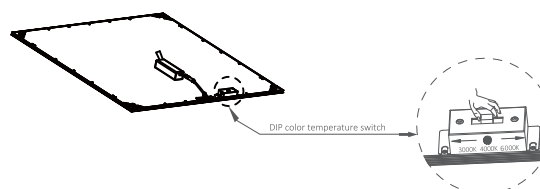
◉ Fix ceiling frame with screws

7. Connect ceiling frame with plasticcorner brace

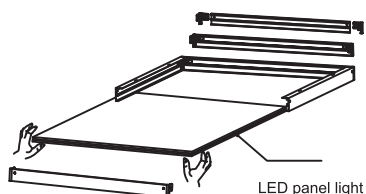◉ Connect ceiling frame with corner brace to ensure seamless connection

8. Swipe the DIP switch on the back to position of corresponding temperature(for DIP switch version)

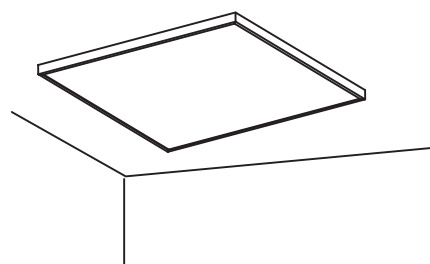◉ Switch the color temperature switch according to needs to switch color temperature to corresponding position

DIP color temperature switch

9. Install lamp and connect ceiling frame with corner brace

◉ Push the panel light into the track of ceiling frame

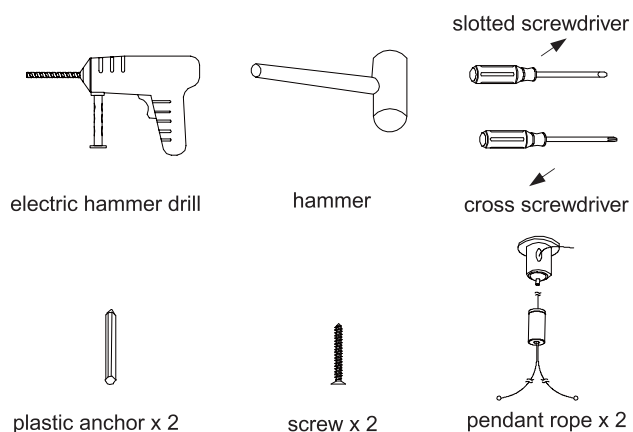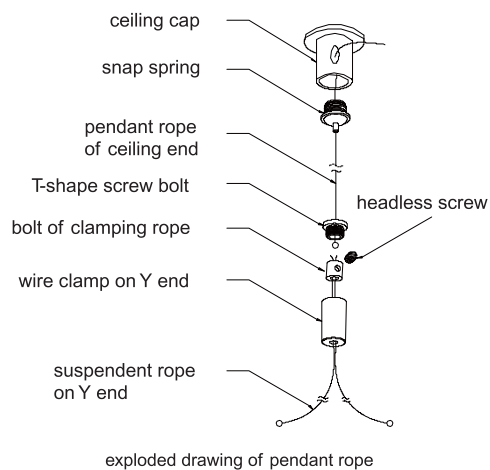◉ Connect ceiling frame with corner brace to ensure seamless connection

LED panel light

10. Installation finish

Surface 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
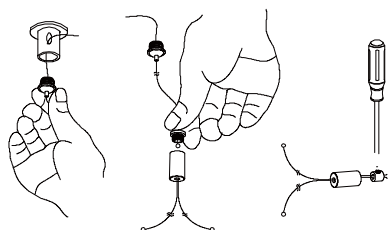
headless screw
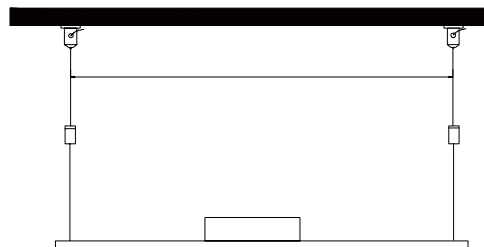
exploded drawing of pendant rope

Installation steps

1. Disassembling figure

◉ Unscrew wire clamp
◉ Unscrew T-shape bolt
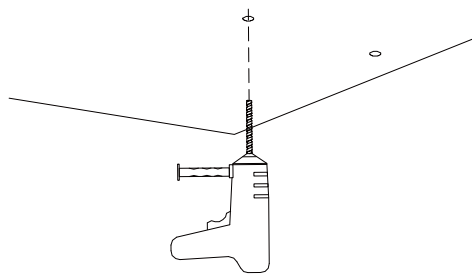◉ Unscrew headless screw on suspendent rope Y and with slotted screw,take out suspendent rope of the Y end
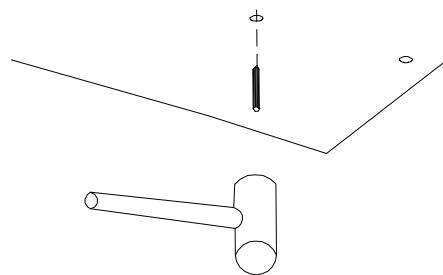
2. Installlation diagram

3. Drill a hole

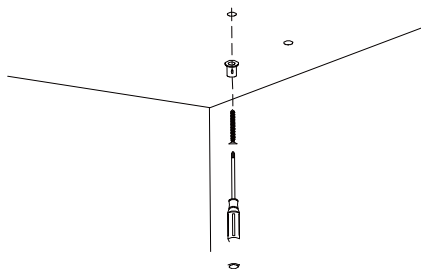◉ Drill a hole with electric hammber drill

4. Install rubber plug
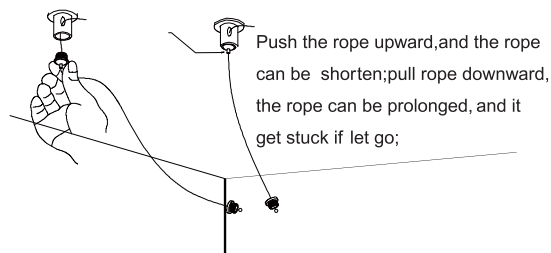
◉ Hammer rubber plug into drilled hole

5. Fasten ceiling cap

◉ Unscrew ceiling cap

◉ Thread screw through ceiling cap,and fasten it into rubber plug with with cross screwdrive

6. Install wire clamp

◉ After the screw is fixed,thread the disassembled wire clamp through hole in the ceiling cap,then rotate it right-handend to tighening it
◉ Adjust rope length

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;

## 7. Install suspendent rope on Y end

◉ Thread suspendent rope throught inner hole of lamp bracket

◉ Repeat step1,install another suspendent role on Y end on adjacen side of panel light
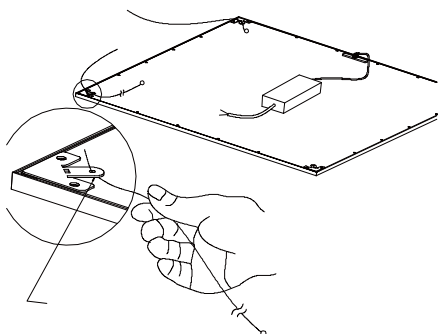
8. Fasten suspendent rope on Y end

◉ Thread Y-end suspendent rope throught wire clamp and bolt of clamping rope,and ightening it;the thread head can`t thought the clamping rope too much,and about 3mm is ok
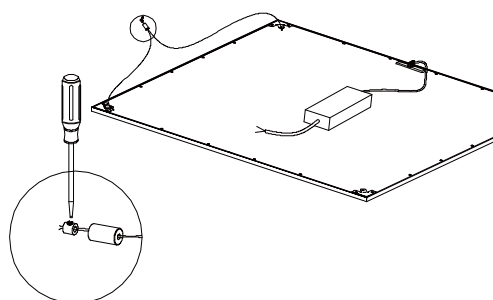
9.Swipe the DIP switch on the back to position of corresponding temperature(for DIP switch version)

◉ Switch the color temperature switch according to needs to switch color temperature to corresponding position
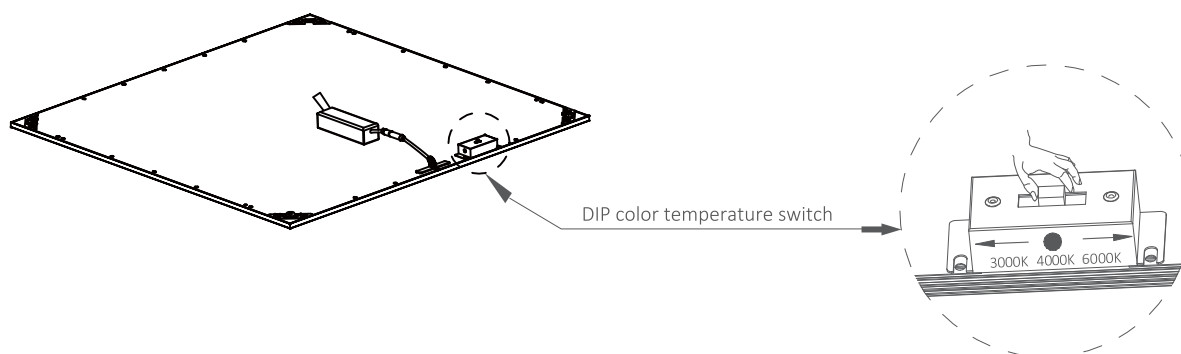
DIP color temperature switch

3000K 4000K 6000K
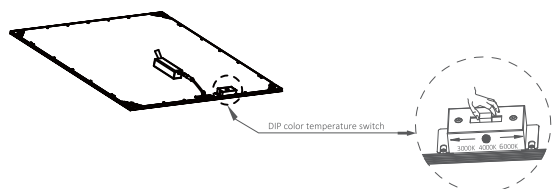
10.Fis suspendent rope on fixed end

◉ Twist T-shape bolt between wire clamp on Y end,repeat above step,installation finish
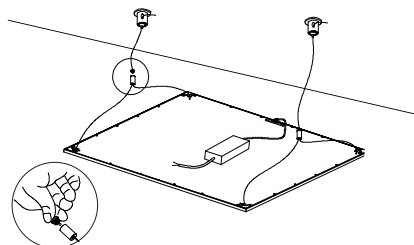
How to choose the color temperature

Option one:Adjust the 3-position slide switch with your fingers for different color temperature.

DIP color temperature switch

3000K 4000K 6000K

Option two:Change the CCT by standard wall switch who has the on/off puch button: push the ON/OFF button in 3 seconds,it will change colors,push one time, the color will change accordingly.If stay more than 3 seconds after you close the light,it will remember the last color you choosed.

Factory setting: push the ON/OFF button 7 cycles, and each cycle no more than 3 seconds, the lamps will restore to factory settings.

control module

ON

OFF

Wall switch(push button)
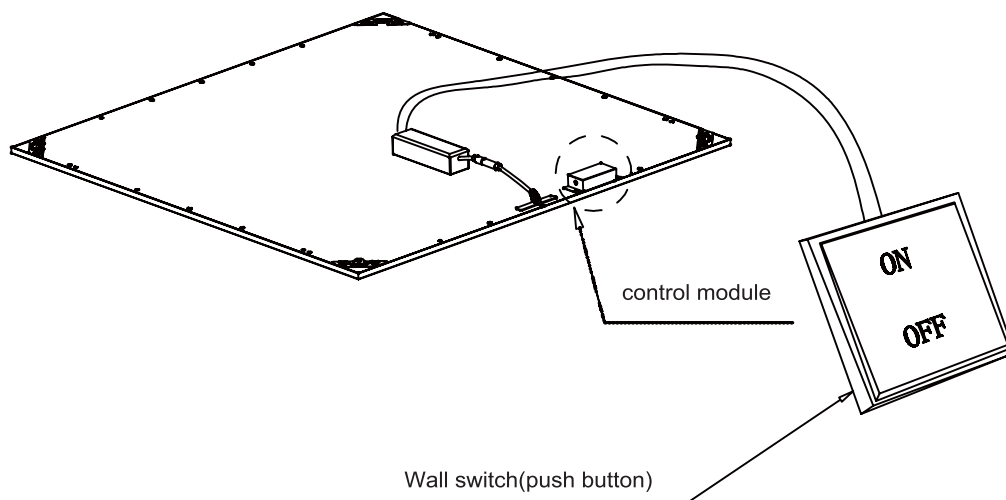
Packaging information

Size Information	595*595mm	295*1195mm	595*1195mm
Net weight/CTN	2.395KG	2.605KG	4.66KG
Gross weight/CTN	18.12KG	19.69KG	23.64KG
Inner size	680*636*38mm	1235*380*38mm	1254*694*42mm
Carton size	650*285*715mm	1250*285*415mm	1275*110*715mm
	1pc/inner box.6 inner boxs/carton	1pc/inner box.6 inner boxs/carton	2pcs/inner box.2 inner boxs/carton

Notice

- Please read the specification first, to make sure the service environment matches the condition in the specification before using.
- Please confirm the applicable power supply before using.
- Make sure the switch of product is off before connect to the power supply to prevent electric shock.
- Operation against rules may damage your property even harm to your personal safety.
- 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.
- Dangerous high voltage, Non-professionals are not allowed to maintain the products.
- 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.