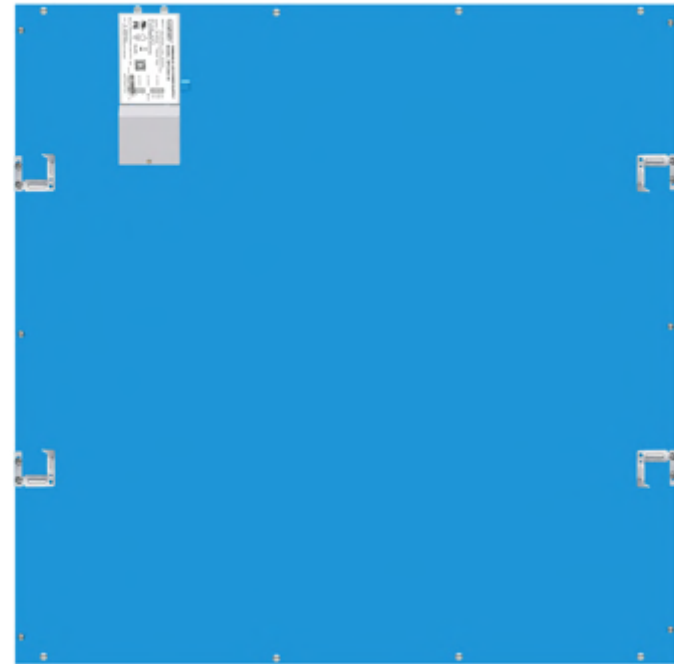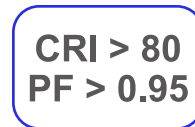# CCT DIMMING

Change the lighting mode according to your mood!
CCT ,Brightness Adjustable LED Panel Lights .

Applications: Offices / Classrooms / Malls / Hotel / Lobbies / Back of house / Restaurants / Bus Stations / Medical Facility

C(UL)US E476593	3000K 5000K CCT Adjustable	RF 2.4 GHz	DIMMABLE	Non Flicker	CRI > 80 PF > 0.95	5 years Warranty

SPECIFICATION

Technical Specification

Features & Benefits:

- 0-10V dimmable and 2.4G Wireless & CCT dimmable LED Flat Panel
- CCT adjustable from 3000K-3500K-4000K-5000K
- No need any wire connections
- UL/cUL with isolated external power supply
- LED Source: SMD2835, CRI>80, LM80 report
- High Quality LGP, imported from Taiwan, Anti-Yellow
- 5 years warranty

Input Voltage: AC100V～277V 50Hz～60Hz
THD: ≤ 15 %
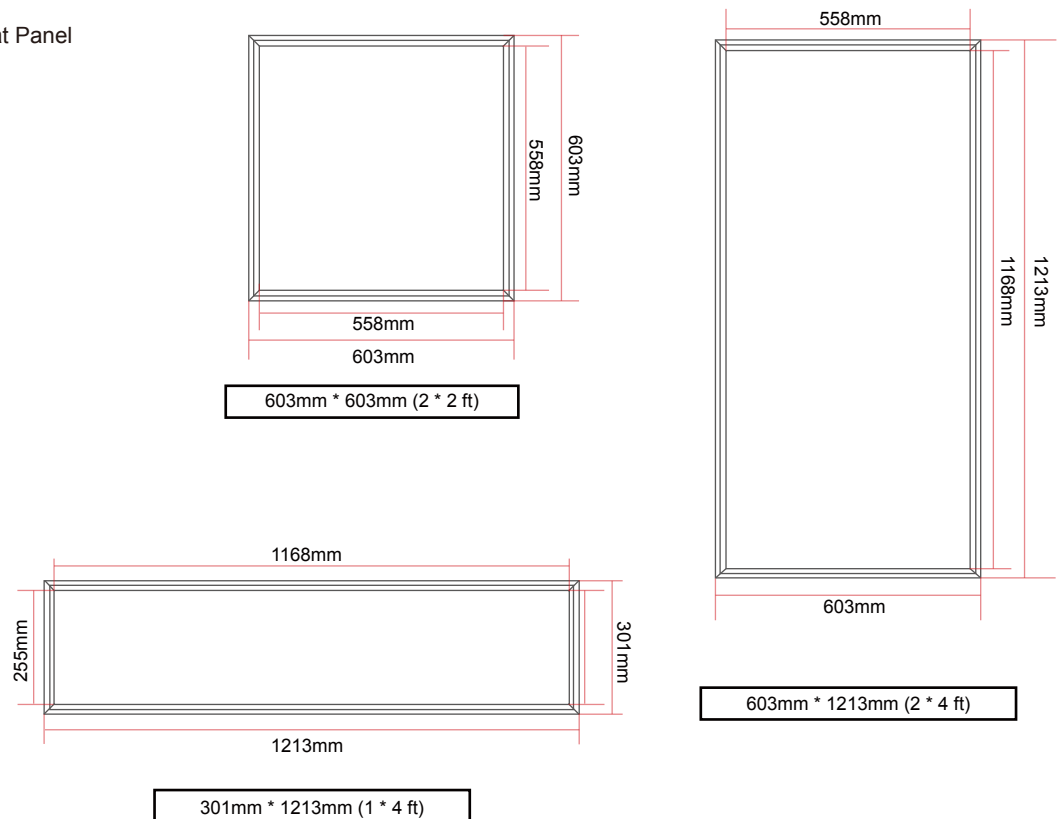PF:＞0.95 Non-flicker
Power Efficiency: ＞90 %
Beam Angle: 120°
Material: Aluminum+ High Quality LGP
Working Temperature: -20℃～+45℃
Storage Temperature: -25℃～+65℃
IP Grade:IP40
Working Life-span: 50,000H

603mm * 603mm (2 * 2 ft)

603mm * 1213mm (2 * 4 ft)

301mm * 1213mm (1 * 4 ft)

PARAMETER

Parameter

Model	Watt	Input Voltage	Lumens	LEDs	Size(mm)	CCT	N.W
PLR-36W-66-28-TG-07	36W	AC 100-277V	100-110 lm/W	SMD 2835	2 * 2 ft	3000K-5000K	3.28 kg/pc
PLR-40W-66-28-TG-07	40W						
PLR-45W-66-28-TG-07	45W						
PLR-40W-123-28-TG-07	40W				1 * 4 ft		3.77 kg/pc
PLR-45W-123-28-TG-07	45W						
PLR-50W-126-28-TG-13	50W				2 * 4 ft		6.3 kg/pc
PLR-60W-126-28-TG-13	60W						

CCT ADJUSTABLE

3000K

5000K

3000K 3500K 4000K 5000K
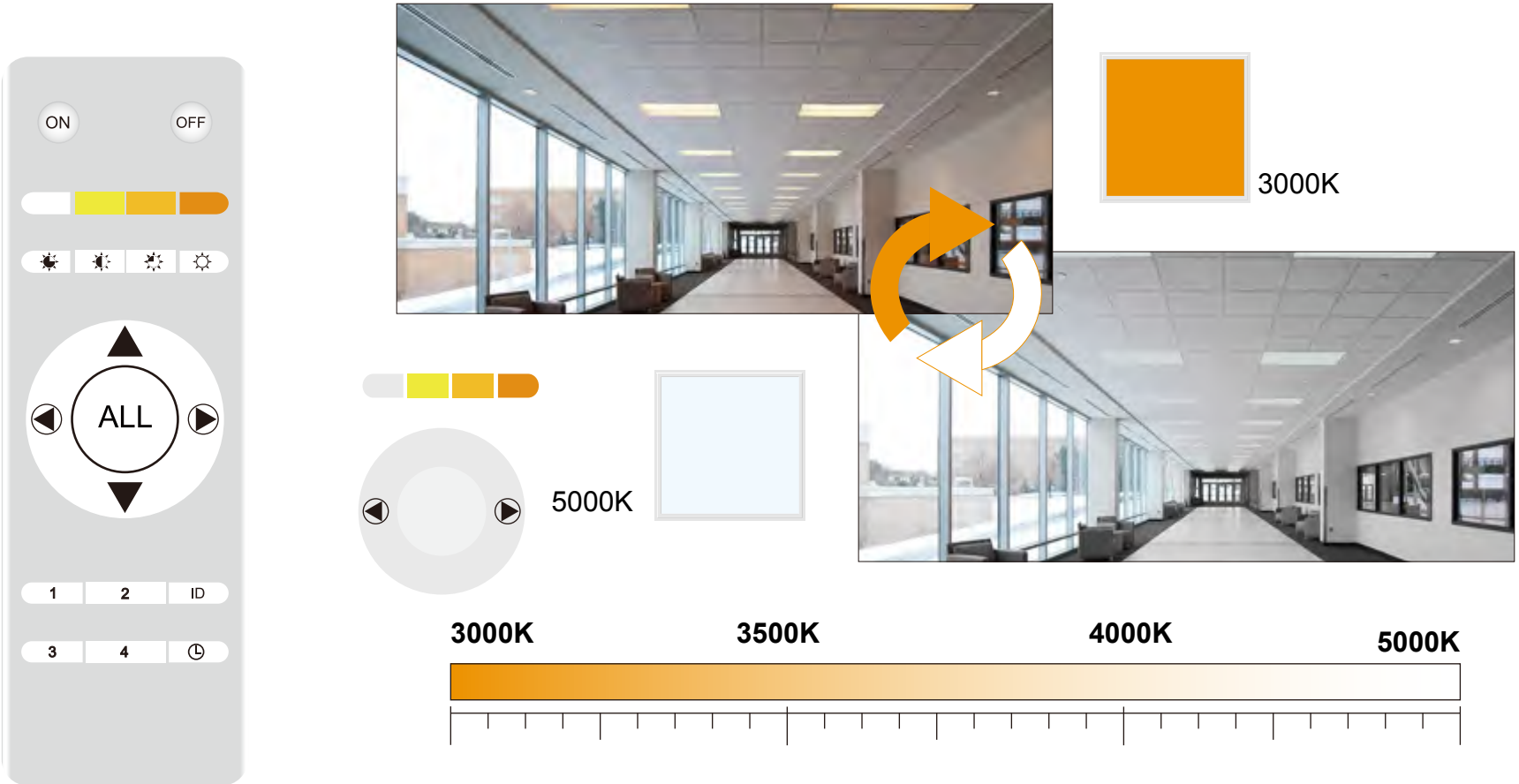
CCT can be adjusted between 3000K-5000K as you wish .

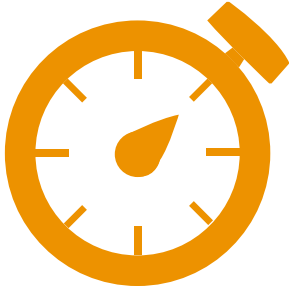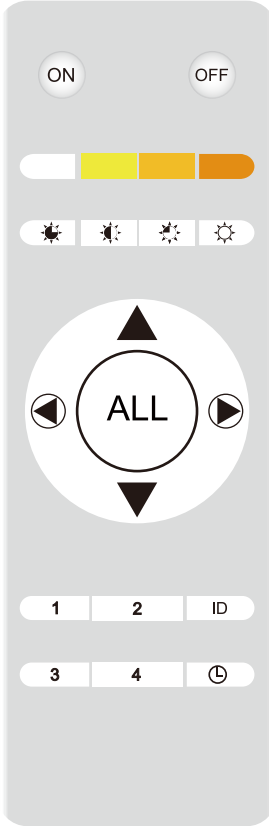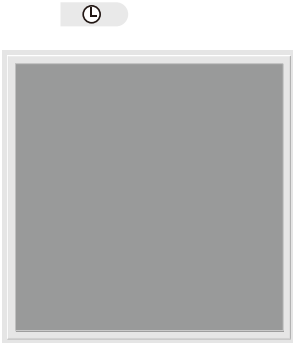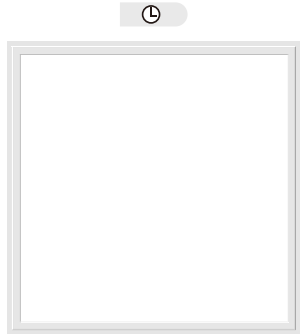# BRIGHTNESS ADJUSTABLE
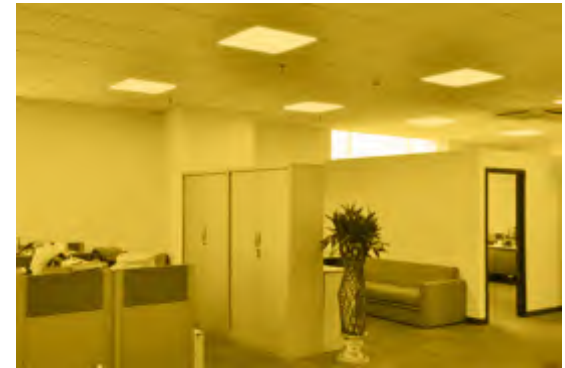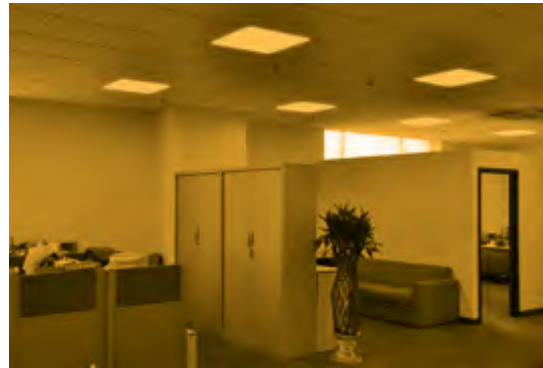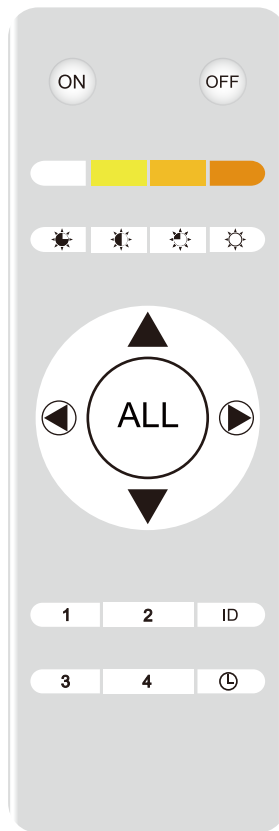
Brightness Dimming:

① Step Dimming
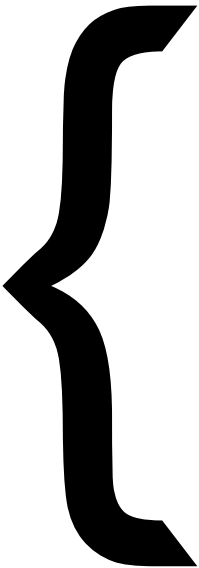② Continuous Dimming

DELAY TURN-OFF
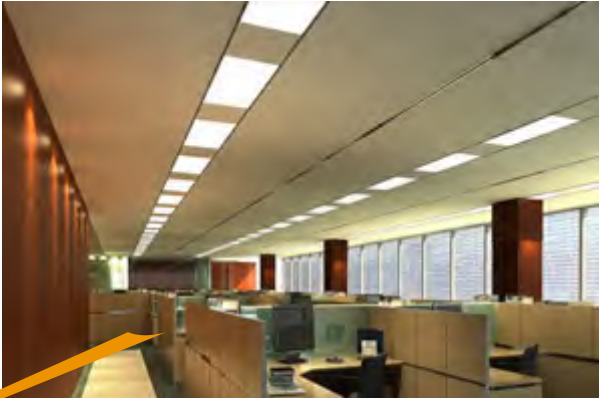
Dear,
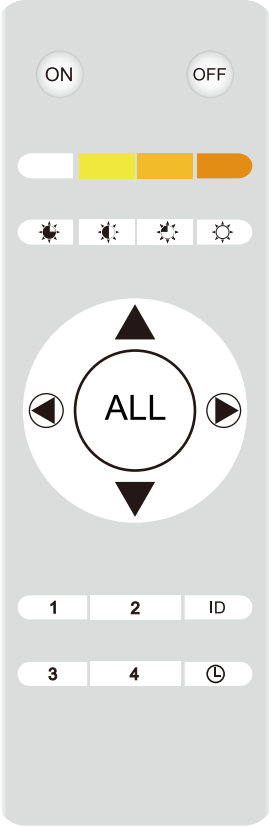**You forgot to turn off the lights**

After 10 Seconds of each operation, it will enter the standby power saving mode. If you need to adjust again, please press the ON button,indicator light flashes is OK.

GROUPING CONTROL
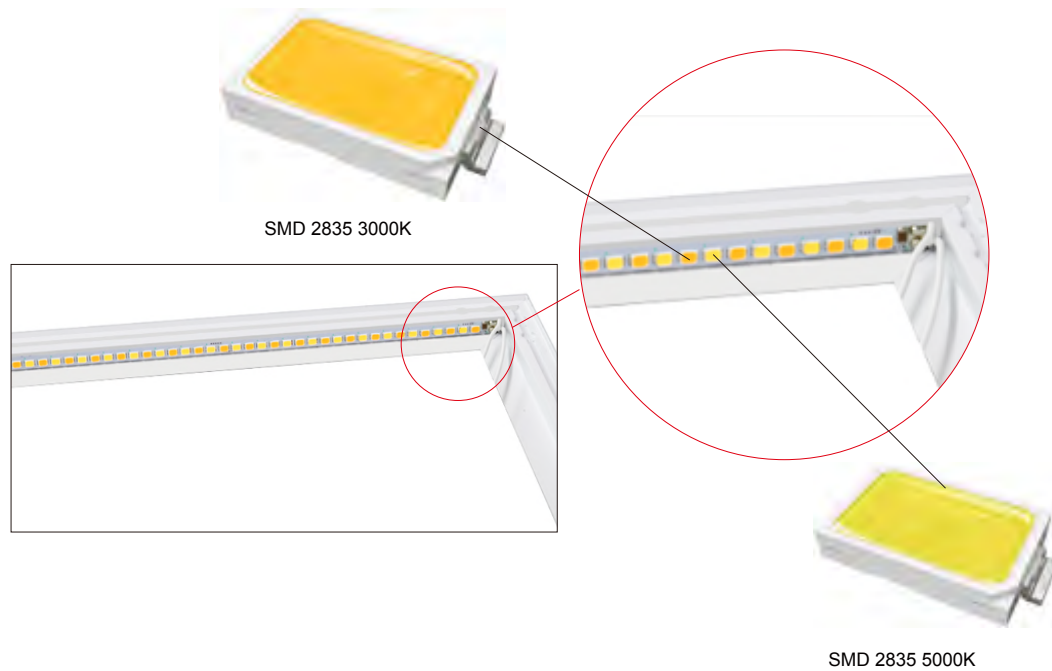

A remote-controller maximum can control 4 groups of lamps , but the numbers of lamps of each group is unlimited

LED LIGHT SOURCE

LED CHIPS

SMD 2835 3000K

SMD 2835 5000K
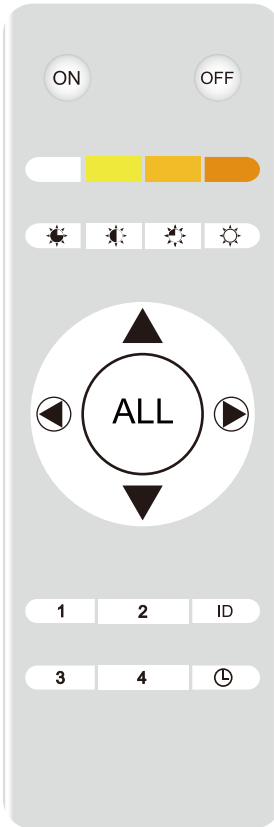
The circuit board use special single PCB but double leds, color temperature can be adjusted from 3000K to 5000k, no glare and non-flicker, which offer nature vision experience for you all day.

REMOTE CONTROLLER

THE HANDHELD REMOTE CONTROLLER

ON **OFF**	**ON** Turn on **OFF** Turn off
ID	**Matching code for light** Long pressing the 'ID' button will keep the controller's indicator on, then turn on the light and release the 'ID' button after the light flashes, matching code complete. Matching code for several lights simultaneously is available.
ID + ▼	**Release the code and disconnect light from remote controller** Press the botton **ID** + ▼ together, then turn on the light, the light will flash to finish releasing the code on the lights.
1 **2** **3** **4**	**Group selecting button** Grouping lights (matching code process needs to be completed first). Turn off the lights, continue pressing the group selection button for 3s, then turn on the lights, the lights will flash to finish grouping.
🕐	**Delay turn-off** Press the 🕐 button, the delay function will begin after the light flashes once. The light will be turned off after 10s. Pressing the 'ON' button will cancel the delay function.
ALL	All Groups are selected

Color temperature selecting/saving
After selecting the color temperature, press the button "OFF" then turn on the light to save the color temperature.

	5000K		4000K		3500K		3000K
☀	25% brightness	☀	50% brightness	☀	75% brightness	☀	100% brightness
▲	Increase brightness	▼	Decrease brightness	◀	Decrease color temperature	▶	Increase color temperature

* After turned on, the light will automatically detect the 0-10v dimmer setting to determine the brightness. It will default to 100% brightness if there is no dimmer input.

* If the dimmer is used, the light brightness will convert to 0-10v dimmer's current brightness setting.

* If the remote controller is used, the light brightness will only change from its current brightness.
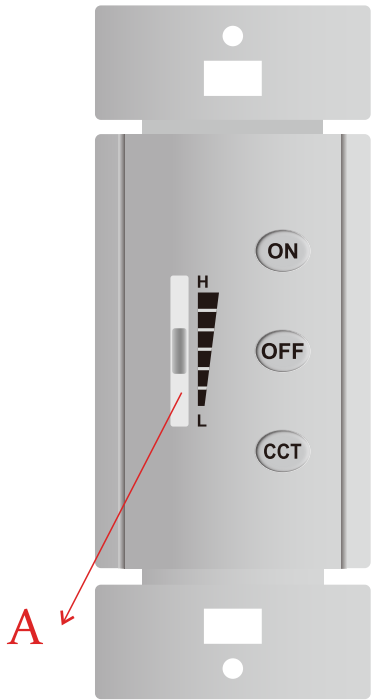
WALL SWITCH

THE WALL TYPE REMOTE CONTROLLER

ON **OFF**	**ON** Turn on **OFF** Turn off
A	**Brightness adjustment**
CCT	Press the 'CCT' button, the color temperature will cycle between 3000k/3500k/4000k/5000k.After shutting down/turning off the current color temperature will be saved.
ON + **OFF**	Light code combination matching button Pressing the 'ON + OFF' buttons simultaneously will keep the remote controller's indicator on, turn on the light and release the buttons after the light has been on for 2s completing the matching process. Matching code for several lights together is available. If you need to use both hand-hold controller and wall controller for the same light, please don't use this function, directly use the following copy function.

The matching method of hand-hold remote controller and wall-type remote controller, the wall controller can copy some of the functions of the hand-hold controller by the following method.
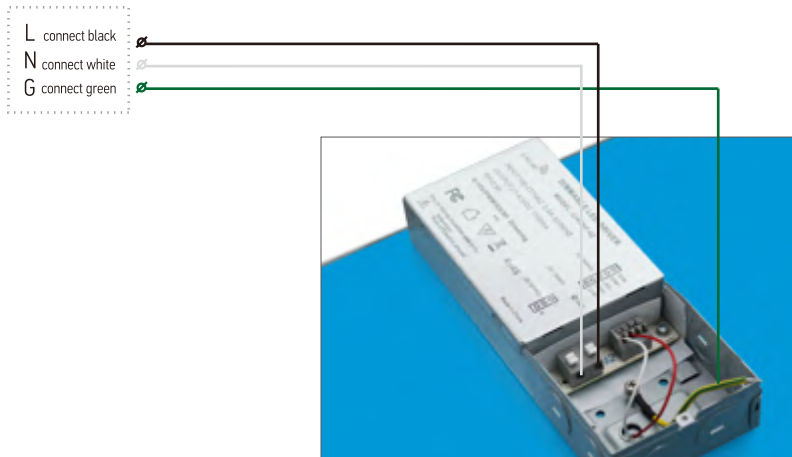
NO	Grouping	Hand-hold controller	Wall-type controller
1	1	1 + ID	ON+CCT
2	2	2 + ID	ON+CCT
3	3	3 + ID	ON+CCT
4	4	4 + ID	ON+CCT
5	ALL	ALL + ID	ON+CCT

ON
H
OFF
L
CCT
A

* After 10 Seconds of each operation, it will enter the standby power saving mode. If you need to adjust again, please press the ON button,it works after the indicator flashes.
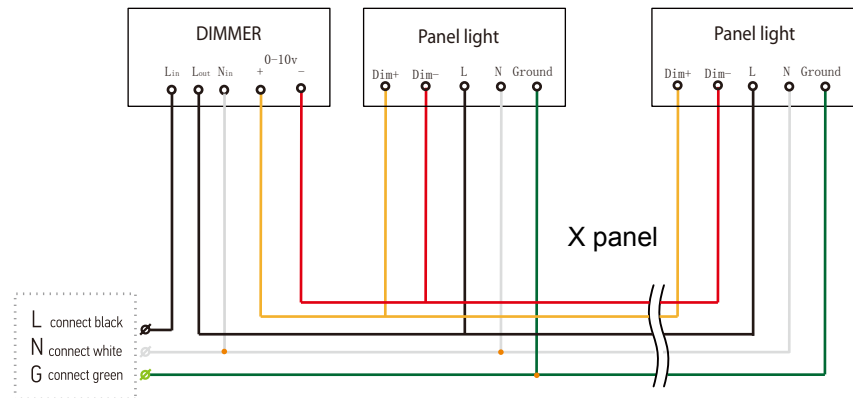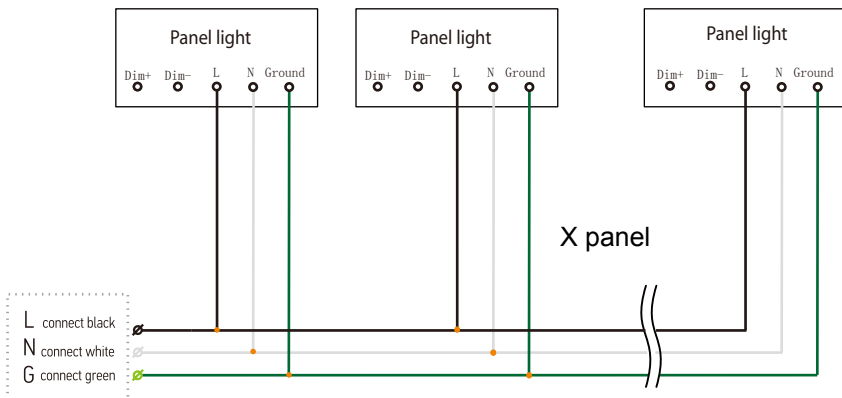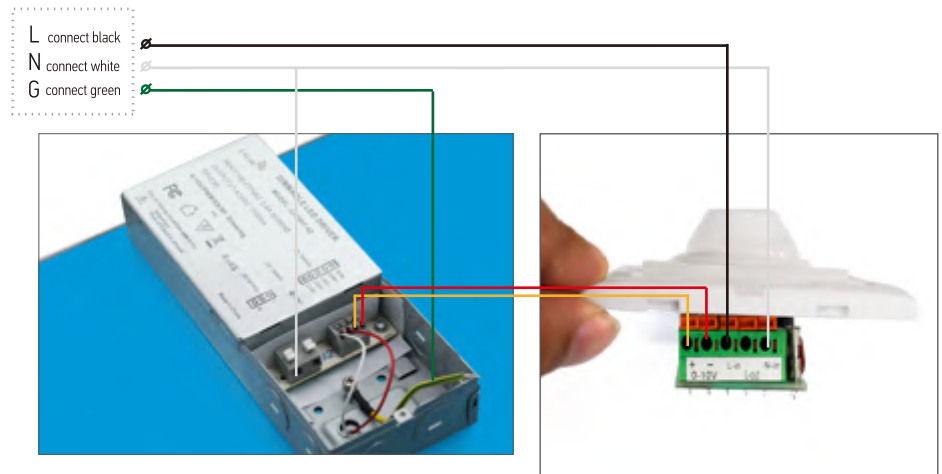
WIRE CONNECTION

Wire Connection

L connect black
N connect white
G connect green

Panel light					Panel light					Panel light				
Dim+	Dim−	L	N	Ground	Dim+	Dim−	L	N	Ground	Dim+	Dim−	L	N	Ground

X panel

L connect black
N connect white
G connect green

Wiring of panel light with 0-10V dimmable driver

L connect black
N connect white
G connect green

DIMMER			0−10v		Panel light					Panel light				
Lin	Lout	Nin	+	−	Dim+	Dim−	L	N	Ground	Dim+	Dim−	L	N	Ground

X panel

L connect black
N connect white
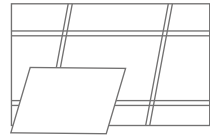G connect green

PACKAGE

Item	N.W.	Carton Size(mm)	Qty	G.W.	Quantity loaded by 20 GP container	Quantity loaded by 40 GP container	Quantity loaded by 40 HQ container
2 x 2 FT	3.28kg/pc	650x650x80	2pcs/CTN	8.0kg/CTN	1836	3672	4320
2 x4 FT	6.3kg/pc	1250x650x80	2pcs/CTN	14.1kg/CTN	904	1908	2280
1 x4 FT	3.77kg/pc	1250x350x80	2pcs/CTN	9.0kg/CTN	1672	3496	4182
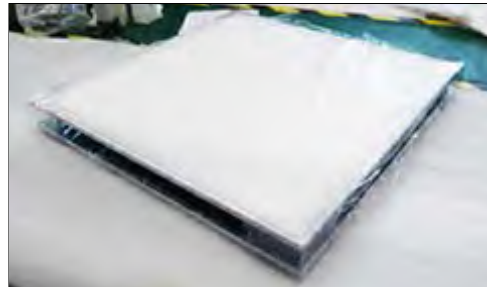
INSTALLATION

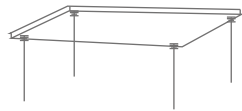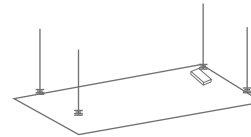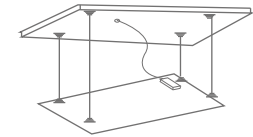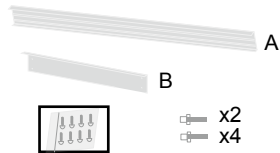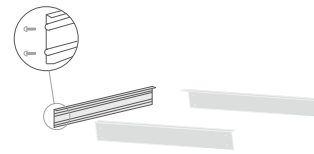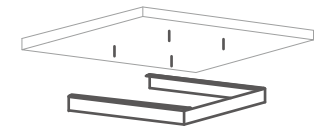|				
Ceiling recessing	1.Remove ceiling plaster slab	2. Connect power supply	3. Fix the panel light into right place	4.Stabilize the panel
Suspending	1. A.Fix the anchor into target place on the ceiling. B.Fix the installation mount on the ceiling with plastic anchor.	2.Hang the panel to ceiling suspending installation kits	3. Adjust the length of steel wire.Connect the power supply	
surface mounted	1.take both profile A and B from accessory pack.	2.Assembling 3 pleces aluminum profile together with screw.	3.Fix semi-finished frame onto ceiling with screw(Plastic anchor for concrete ceiling only).	
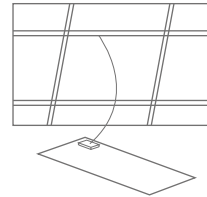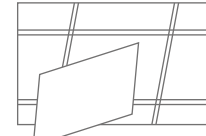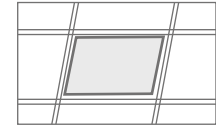
A

B

x2
x4
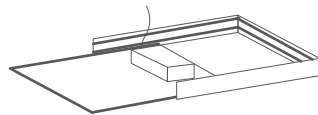
4.Slide panel into frame properly.
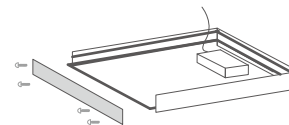
5.Fix the last plece of aluminnum profile with screw after panel is well placed.