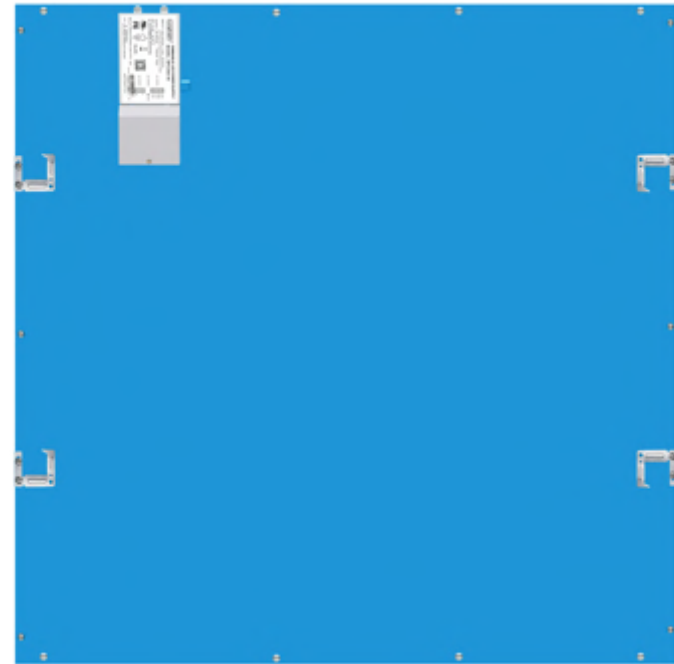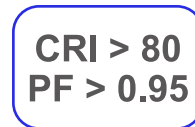# CCT DIMMING

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 GH	DIMMABLE	Non Flicker	CRI > 80 PF > 0.95	5 years Warranty

SPECIFICATION

CuLture Lighting Co. Inc.

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 0.5W, CRI>80, LM80 report
- High Quality LGP, imported from Taiwan,
- Anti-Yellow
- 5 years warranty

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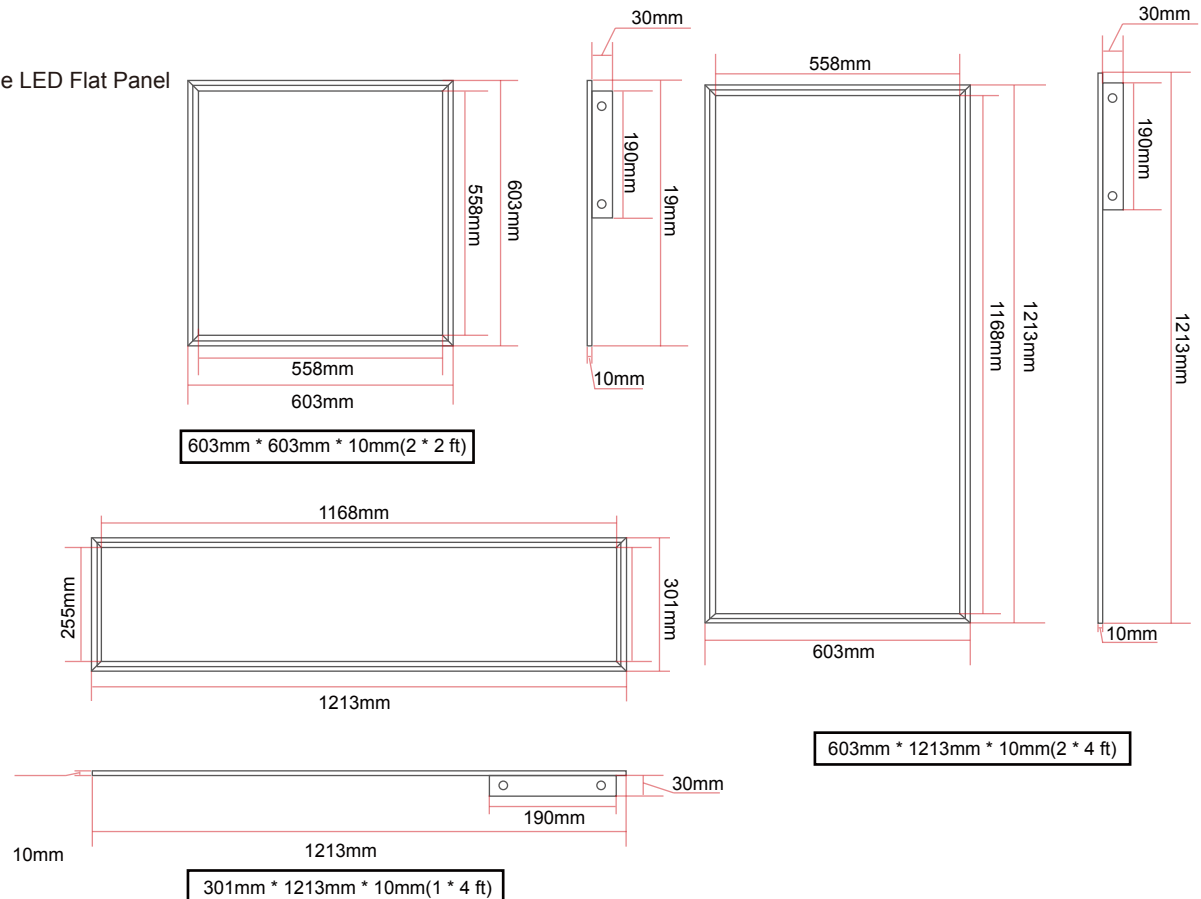PF:＞0.95 Non-flicker
Power Efficiency: ＞90 %
Beam Angle: 120°
Material: Aluminum+ High Quality LGP
Working Temperature: -20℃～+45℃
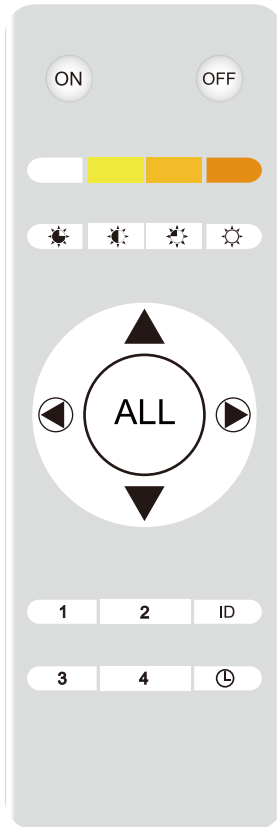Storage Temperature: -25℃～+65℃
IP Grade:IP40
Working Life-span: 50,000H

603mm * 603mm * 10mm(2 * 2 ft)

603mm * 1213mm * 10mm(2 * 4 ft)

301mm * 1213mm * 10mm(1 * 4 ft)

PARAMETER

Culture Lighting Co. Inc.

Standard LED Panel Light Series

Model	Watt	Input Voltage	Lumens	LEDs	Size(mm)	CCT	N.W
CULT-40W-66-28-CCT-07	40W				2 * 2 ft		3.7 kg/pc
CULT-40W-123-28-CCT-07	40W	AC 100-277V	100-110 lm/W	SMD 2835	1 * 4 ft	3000K-5000K	3.8 kg/pc
CULT-50W-126-28-CCT-13	50W				2 * 4 ft		7.2 kg/pc

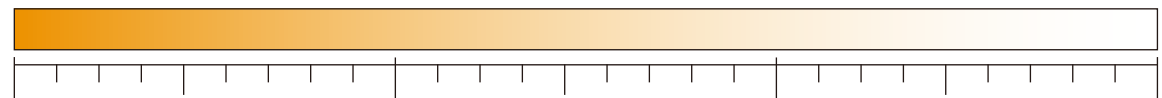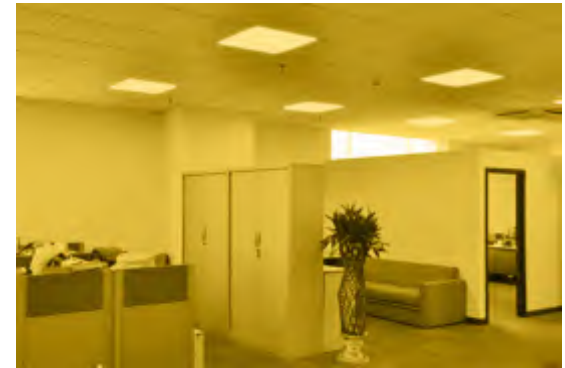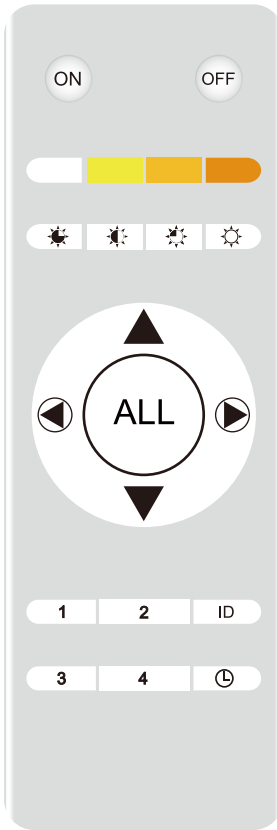|						CCT	N.W

CCT ADJUSTABLE

3000K
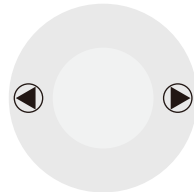
5000K

| 3000K | 3500K | 4000K | 5000K |

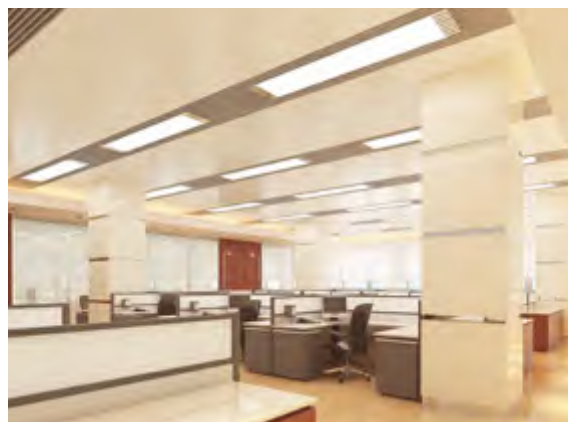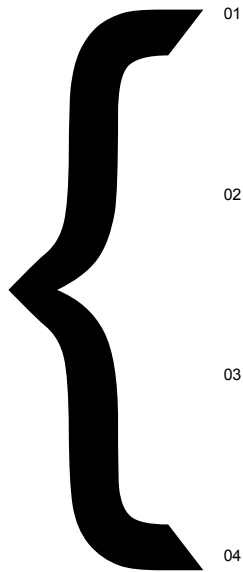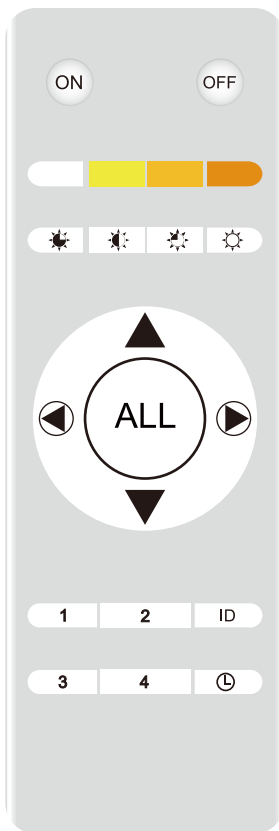CCT can be adjusted between 3000K-5000K as you wish .

BRIGHTNESS ADJUSTABLE

Brightness Dimming:
  ① Step Dimming
  ② Continuous Dimming

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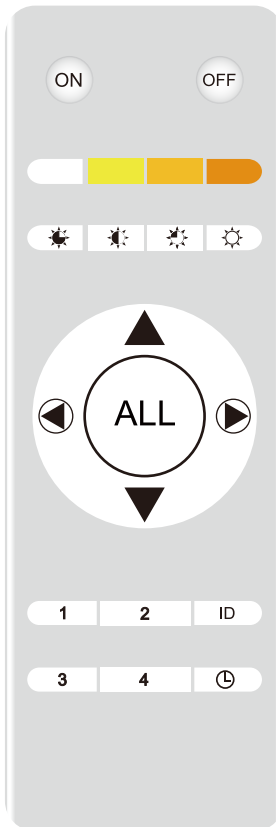
A remote-controller maximum can control 4 groups of lamps , but the numbers of lamps of each group is unlimited

REMOTE CONTROLLER

CuLture Lighting Co. Inc.

THE HANDHELD REMOTE CONTROLLER

ON OFF	ON **Turn on** OFF **Turn off**
ID	**Matching code for light** Long pressing the button "ID" to keep remote controller's indicator always on,then turn on the light, release the button"ID" after the light flash twice,matching code finished.Matching code for several lights at the same time is available.
ID **+** ▼	**Release the code and disconnect light from remote controllerKeep** Pressing the button 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(need to finish matching code firstly)Turn off lights, keep pressing the group selecting button for 3s, then turn on light to finish grouping.
⏲	**Delay turn-off** Press the button, ⏲ the delay function works after the light flash once, and the light will be turned off after 10s. Press the button ON could 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.

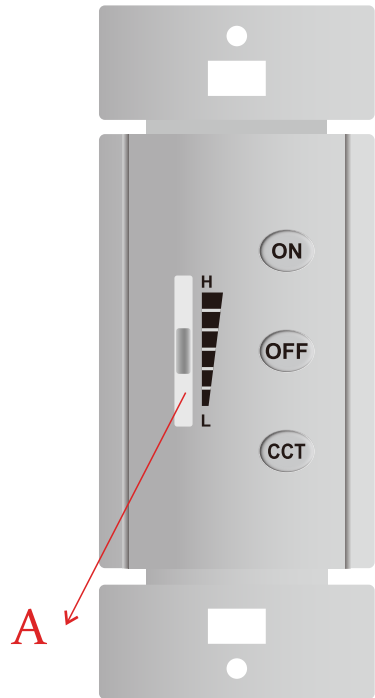|							
	5000K		4000K		3500K		3000K
☀	25% brightness	☀	50% brightness	☀	75% brightness	☼	100% brightness
▲	Increase brightness	▼	Decrease brightness	◄	Decrease color temperature	►	Increase color temperature

* After turned on, the light will automatically detect the 0-10v dimmer to set brightness,it will get 100% brightness if no dimming signal to input the light.

* If use 0-10V dimmer to control, light brightness will convert to 0-10V dimmer's current setting brightess.

* If use remote controller to control, light brightness will only change from its current brightness rather than remote controller's current setting brightness.

WALL SWITCH

Culture Lighting Co. Inc.

THE WALL TYPE REMOTE CONTROLLER

A

ON OFF	ON Turn on	OFF Turn off
ON + OFF	**Lights code matching combination keys** Pressing the buttons "ON" + "OFF" simultaneously to keep remote controller's indicator light always on, trun on the light for 2 Seconds then loosen the combination keys, matching code finished.Matching code with many lights at the same time is available.	
A	**Brightness adjustment**	
CCT	Press the CCTbutton,color temperature will circularly change among 3000K/3500K/4000K/5000K.After shutting down it will save the current color temperature.	

The matching method of hand-hold remote controller and wall-type remote controller

| 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

* 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.
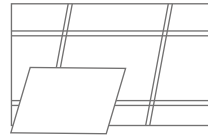
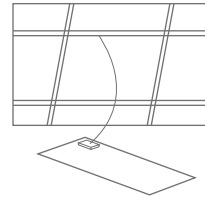Wire Connection
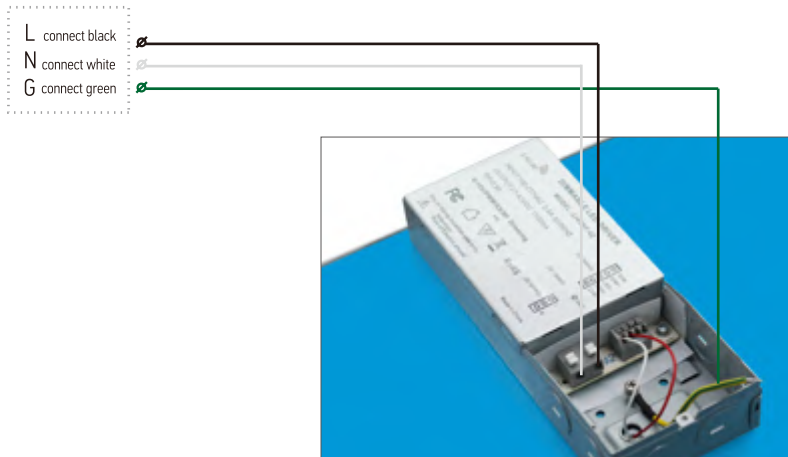
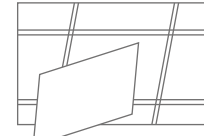Wiring of panel light with 0-10V dimmable driver

INSTALLATION

CuLture Lighting Co. Inc.
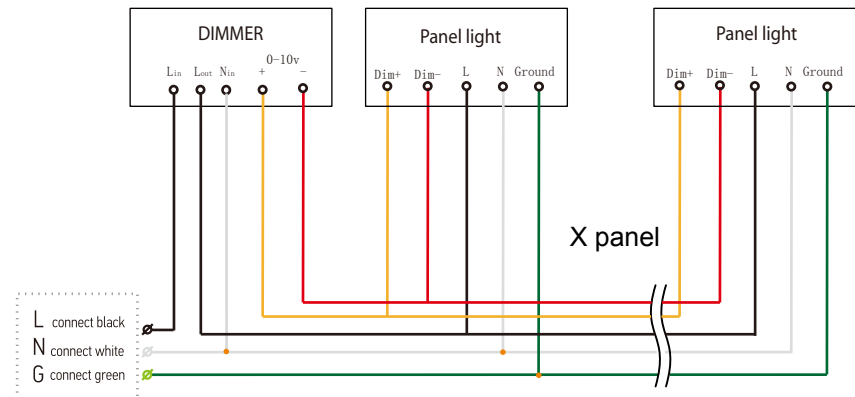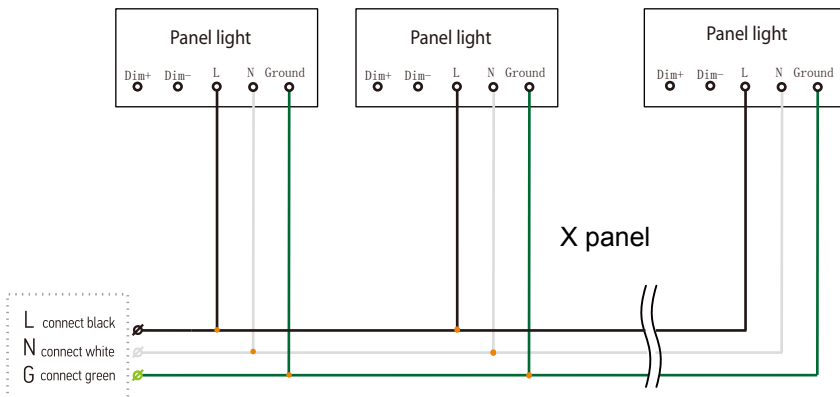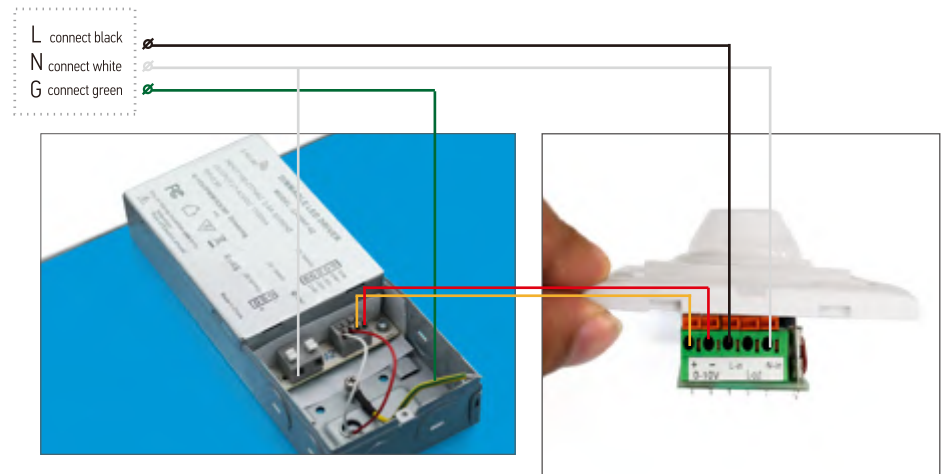
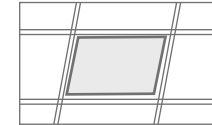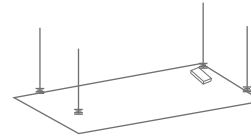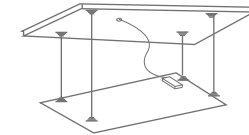|				
Ceiling recessing	1.Remove ceiling plaster slab	2. Connect power supply	3. Fix the panel light into right place	4.Stabilize the panel
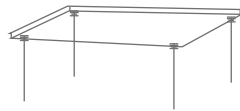
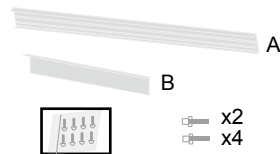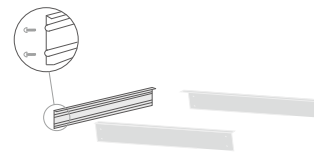|			
Suspending	1. A.Fix the anchor into target place on the ceiling. B.Fix the installation mount on the ceiling with plastic anchor.	2.Hang the panel to ceiling suspending installation kits	3. Adjust the length of steel wire.Connect the power supply

surface mounted

A
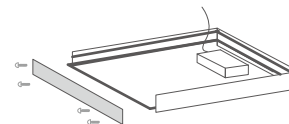
B

x2
x4

1.take both profile A and B from accessory pack.

2.Assembling 3 pleces aluminum profile together with screw.
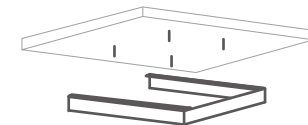
3.Fix semi-finished frame onto ceiling with screw(Plastic anchor for concrete ceiling only).
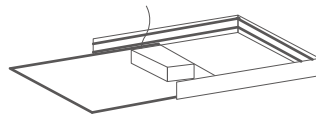
4.Slide panel into frame properly.

5.Fix the last plece of aluminnum profile with screw after panel is well placed.