



Welcome

QNP Trading Inc.

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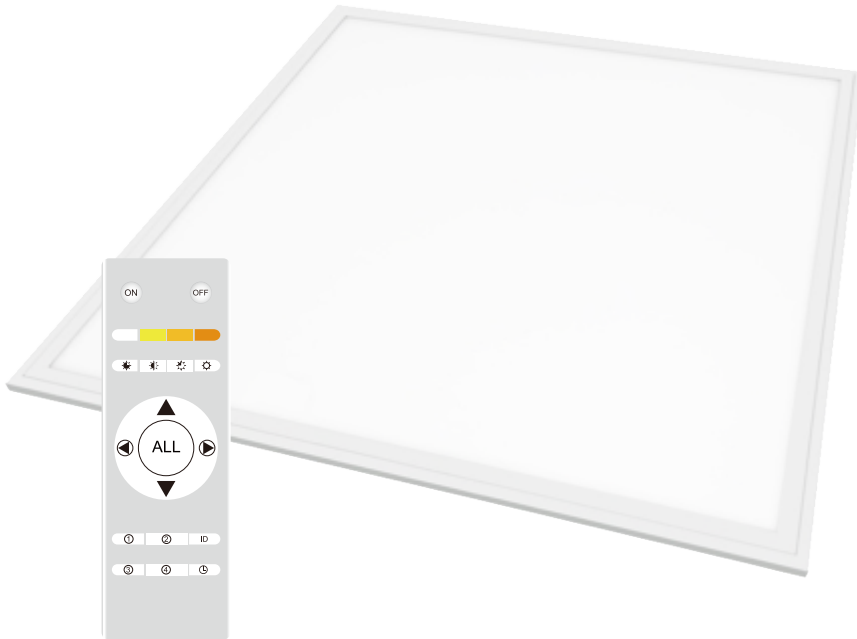
info@qnptrading.com

Features



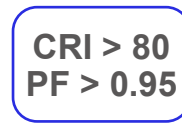
Features & Benefits:

- UL/cUL with isolated external power supply
- AC100-277V, 0-10V dimmable
- LED Source: SMD2835, CRI>80, LM80 report
- PF>0.95, THD<20%, Non-flicker
- Plastic frame + QM New Lens
- Ideal replacement for traditional troffer with 80% energy saving!
- 5 years warranty
- Dimming the LED panles with Remote
- Controlling 4 different Zones with one remote
- Changing the color temperature from 3000K to 5000K
- No need to add switches in one circuit to control more than one zone's lighting



Applications:

Offices / Classrooms / Malls / Hotels / Lobbies / Basements / Restaurants / Bus Stations / Medical Facility

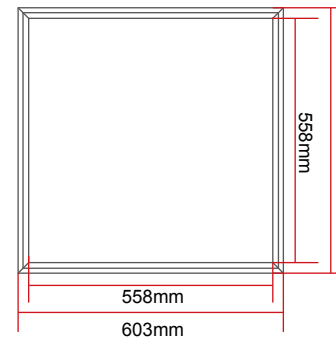


Specifications

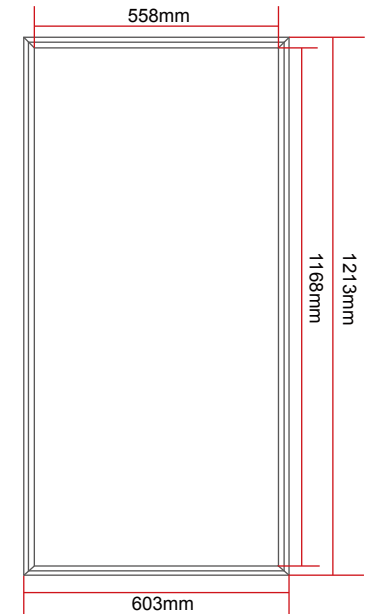


Technical Specification

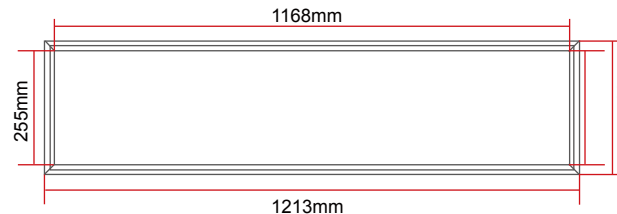
Input Voltage: AC100V ~ 277V 50Hz ~
60Hz THD: $\leq 15\%$
PF: > 0.95 Non-flicker
Power Efficiency: $> 90\%$
Beam Angle: 120°
Material: Aluminum+ High Quality LGP
Working Temperature: $-20^\circ\text{C} \sim +45^\circ\text{C}$
Storage Temperature: $-25^\circ\text{C} \sim +65^\circ\text{C}$
IP Grade: IP40
Working Life-span: 50,000H



603mm * 603mm (2 * 2 ft)



603mm * 1213mm (2 * 4 ft)



301mm * 1213mm (1 * 4 ft)

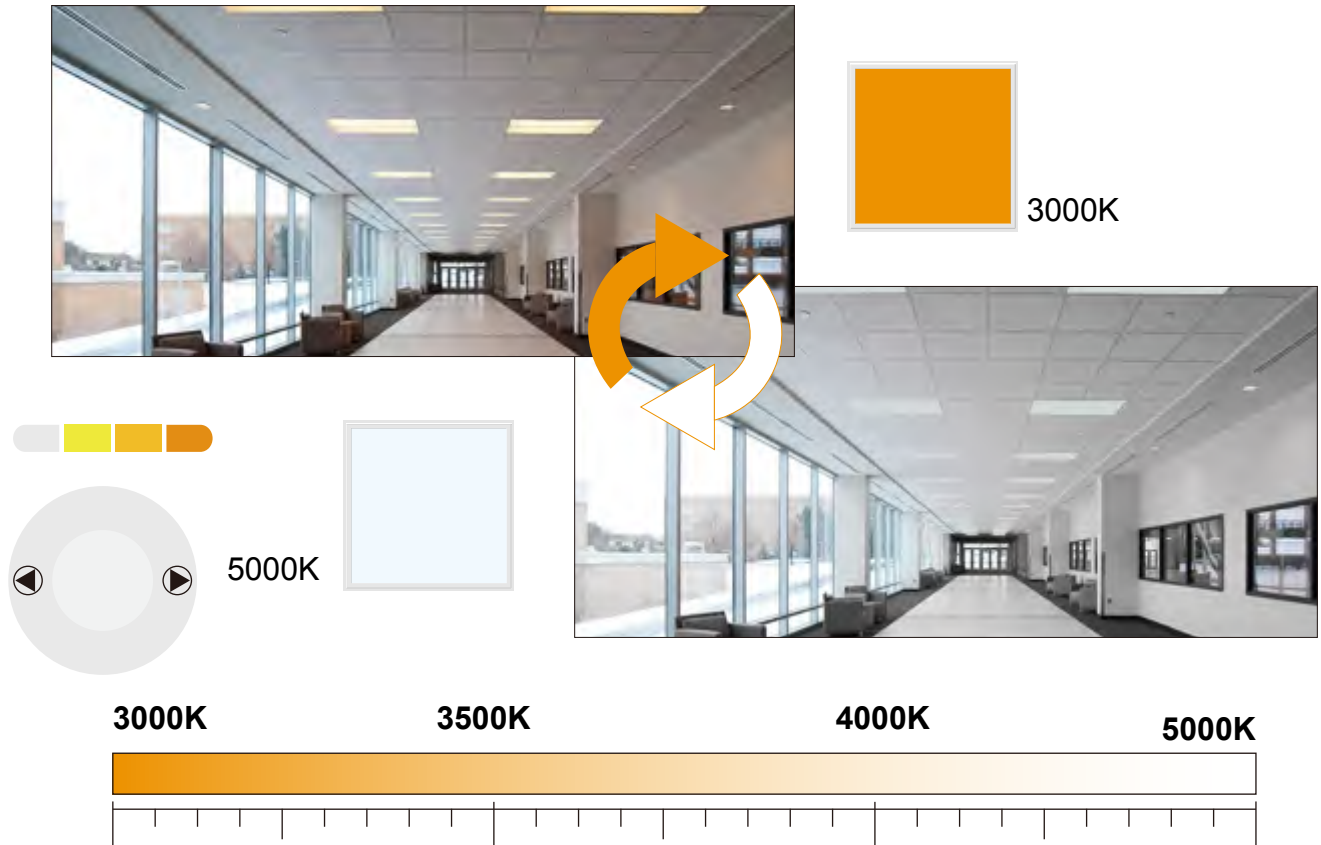
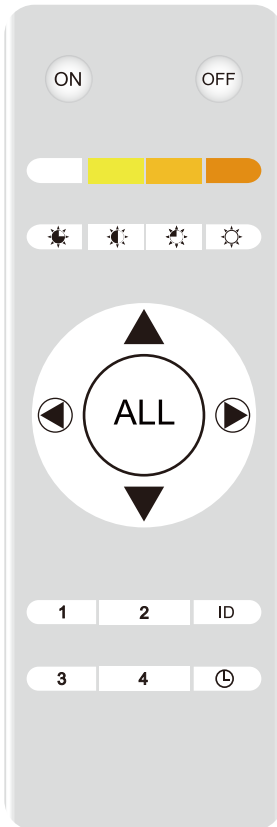
Parameters



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						

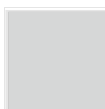
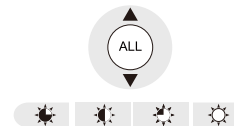
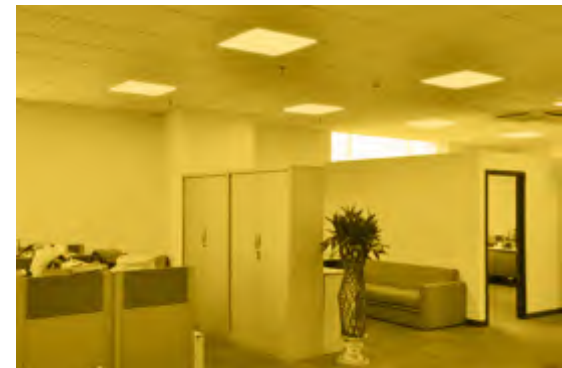
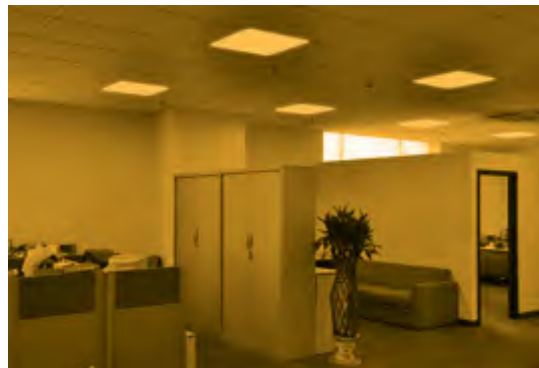
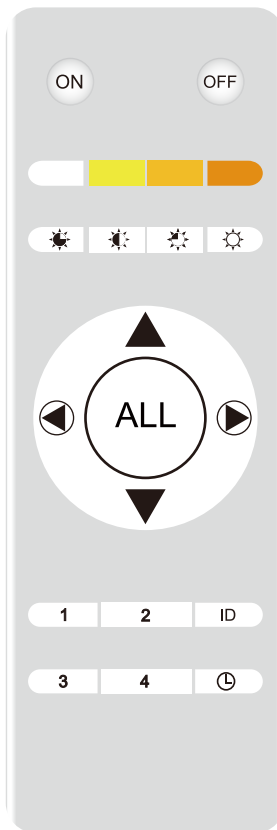
Red marked usually available in stock. For special order of other models, please contact office.

CCT Adjustable



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

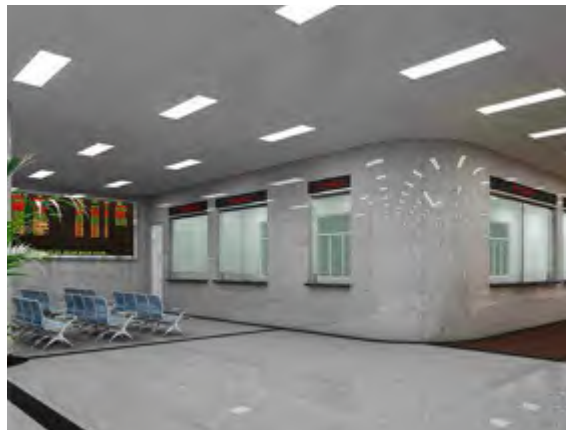
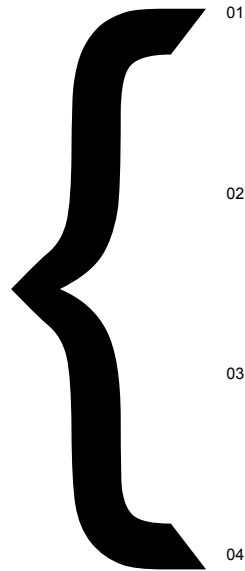
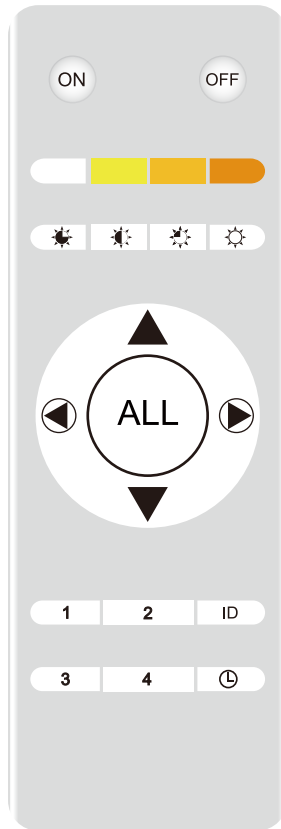
CCT Adjustable



Brightness Dimming:

- ① Step Dimming
- ② Continuous Dimming

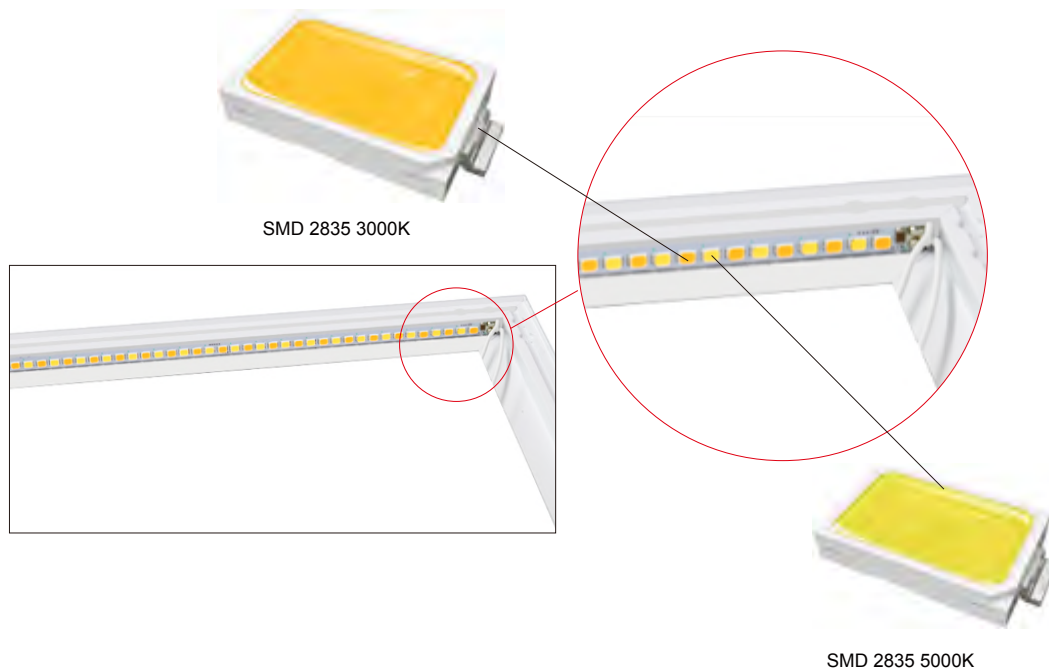
Wire Connection



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

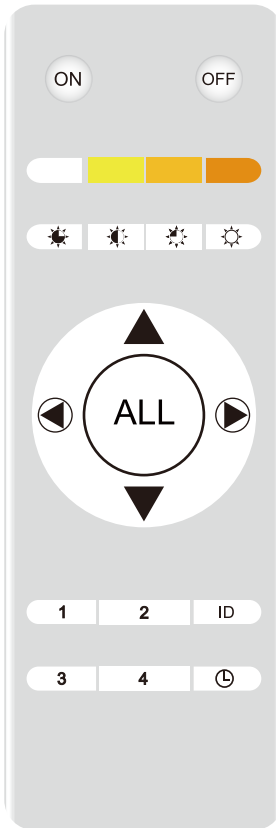


The circuit board use special single PCB but double leds, color temperature can be adjusted from 3000K to 5000k, no glare and non-flicker, which offer nature vision experience for you all day.

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 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 (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



<div>ON OFF</div>	<div>ON Turn on OFF Turn off</div>
<div>A</div>	Brightness adjustment
<div>CCT</div>	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.
<div>ON + OFF</div>	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. <div>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.</div>

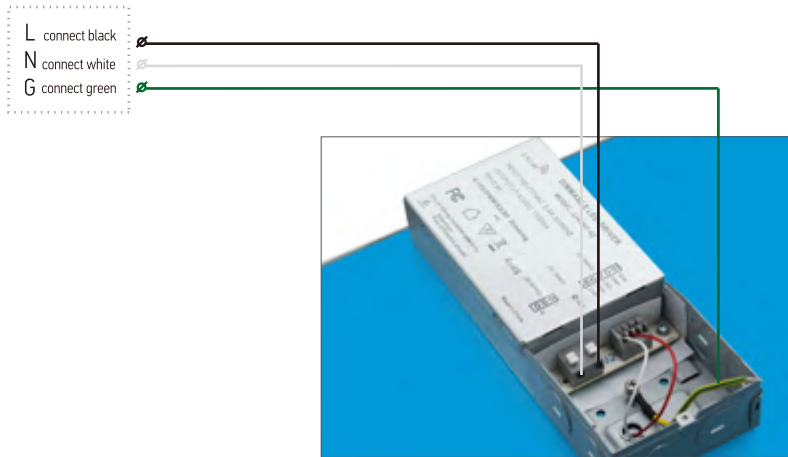
The matching method of hand-hold remote controller and wall-type remote controller, the wall controller can copy some of the functions of the hand-hold controller by the following method.

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

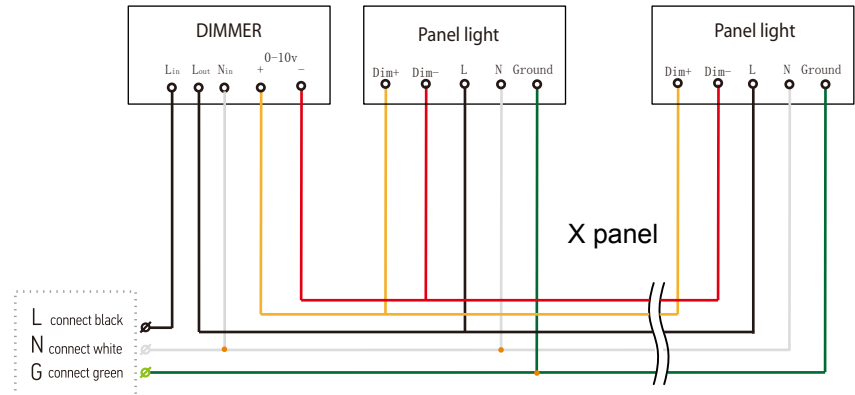
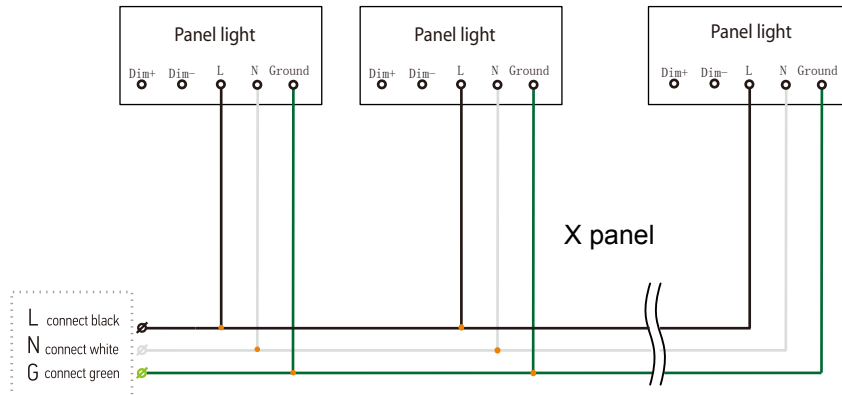
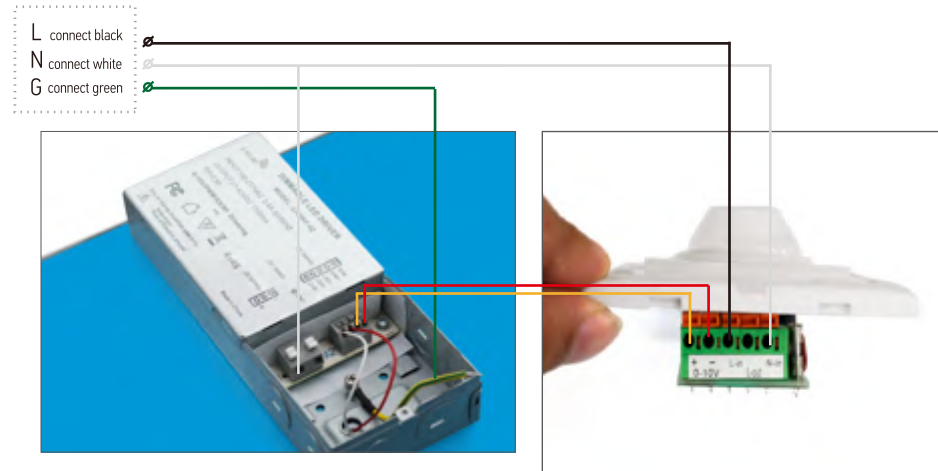
* After 10 Seconds of each operation, it will enter the standby power saving mode. If you need to adjust again, please press the ON button, it works after the indicator flashes.

Wire Connection

Wire Connection

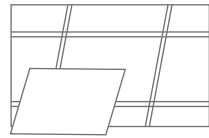


Wiring of panel light with 0-10V dimmable driver

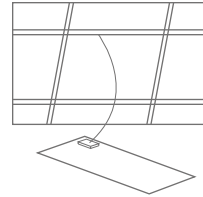


Installation

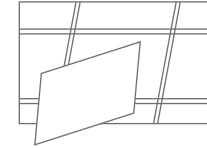
Ceiling recessing



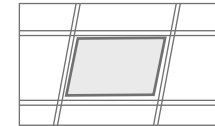
1.Remove ceiling plaster slab



2. Connect power supply

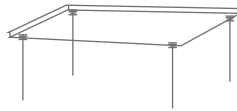


3. Fix the panel light into right place

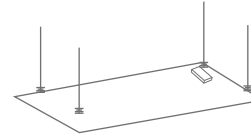


4.Stabilize the panel

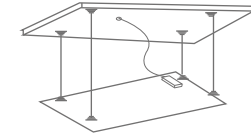
Suspending



1. A.Fix the anchor into target place on the ceiling.
B.Fix the installation mount on the ceiling with plastic anchor.

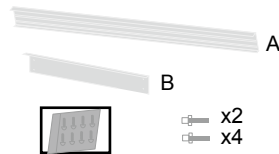


2.Hang the panel to ceiling suspending installation kits

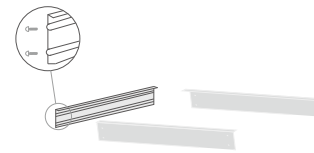


3. Adjust the length of steel wire.Connect the power supply

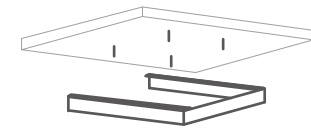
surface mounted



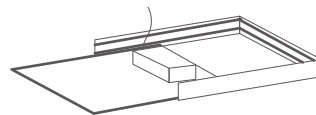
1.take both profile A and B from accessory pack.



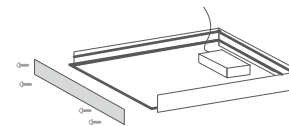
2.Assembling 3 pieces aluminum profile together with screw.



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 piece of aluminum profile with screw after panel is well placed.

Contact Us



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