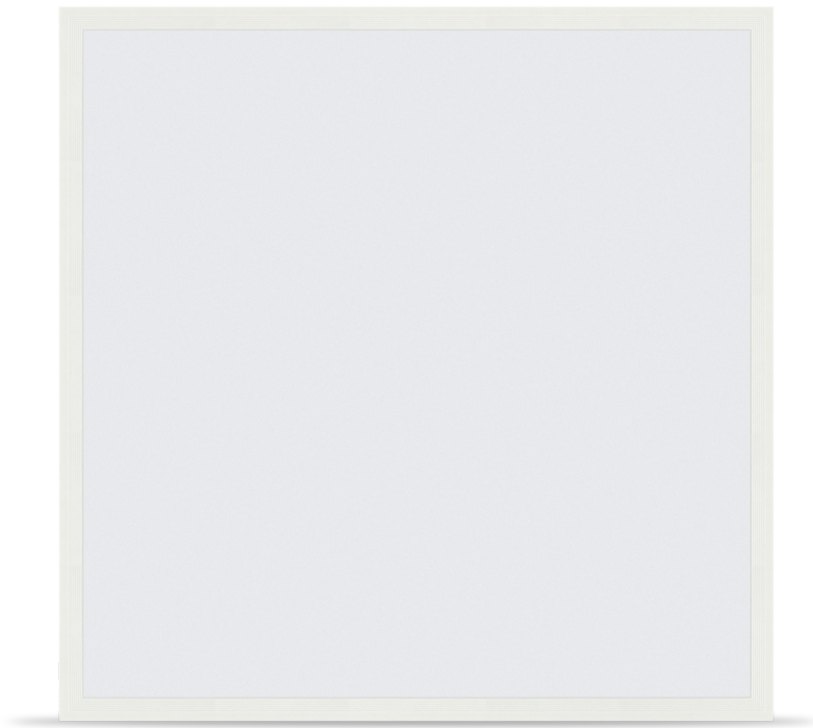


# ETL Version LED Super Slim Backlit Panel Light



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## Description

- The frame adopts jointing profile design and color of the external frame is RAL9003.
- Bottom of the back cover is produced by stamping structure, which can effectively guarantee the appearance of the product. The surface is processed by electrostatic dusting.
- High-haze diffusion plate effectively breaks up the light sent forth from the lamp, making the light more uniform.
- High-power 2835 LED, 1W of each, high lighting effect, lifetime of more than 50000 hours.
- High-light-transmittance and diffuse lens, which is pasted on the lamp panel by silica gel, changes the light of beam angle 120°, which is sent forth from LED, to beam angle of 180° when the light passes through it, thus breaks up the light effectively.
- An entire piece of reflective paper is pasted on the bottom of back cover to strengthen the diffuse reflection of light, thus enhances lighting effect of the product and makes the light more uniform.
- With super slim 0-10V driver, assembled at the side of the frame, freight cost saving.
- Backlight panel light has very long life time, never turn dark or yellowish at the middle part.
- Three sizes are available: 23.74\*23.74inch, 11.81\*47.71inch and 23.74\*47.71inch

## Features

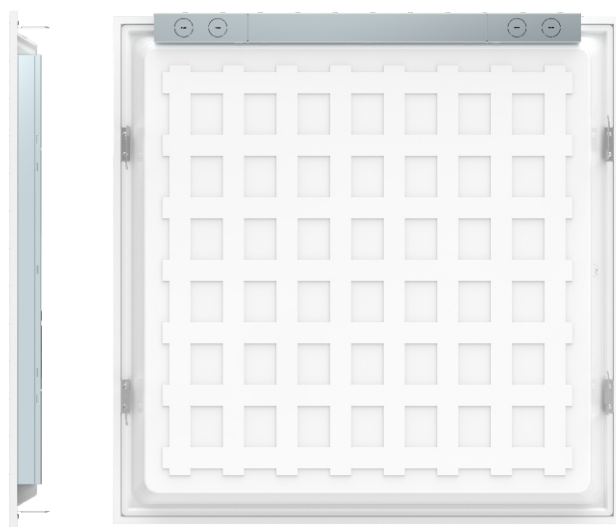
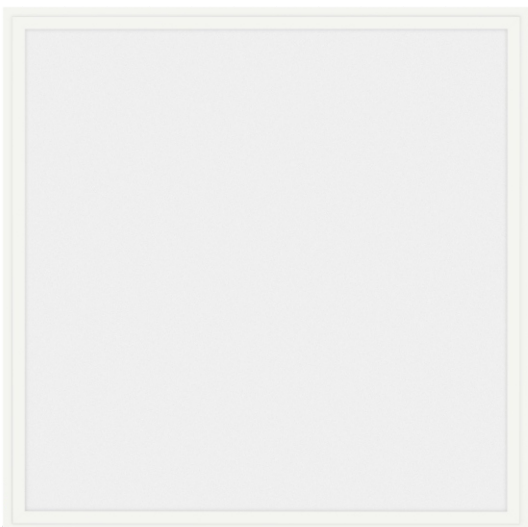
- Lamp body material: Aluminum alloy + iron + PS
- Energy-saving percentage (compared with traditional type) With energy savings of up to 90% than incandescent light
- Lifetime: 50000H
- Exterior color: RAL9003 powder coated
- Available mode for other aspects: Recessed mounting
- Lighting effect: High efficiency up to 130LM/W, premium for optional
- Operating environment: -10°C~40°C

## Application

The product can be used in office, hotel, shopping mall, office building, hospital and other places that require long warranty period.



## Product pictures



## Specifications

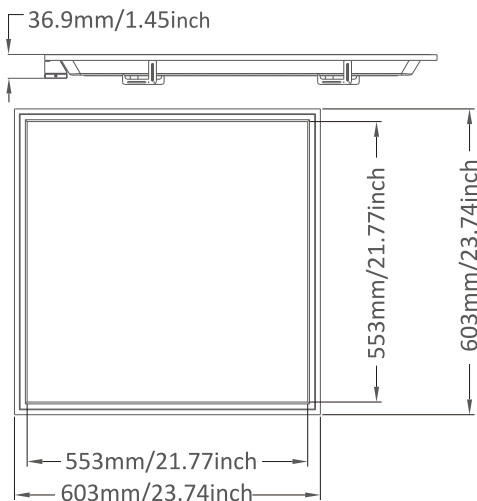
Model	CCT	LED type	Size (feet)	Light efficiency (-10%)	Lumen(+/-10%)	Power(+/-10%)	Voltage(V)	Driver	CRI	Beam angle	PF	Protection grade
SC-PBCAW14-B40W-02CE	5000K											
SC-PBCAW14-B40W-02NE	4000K	2835	1*4	105lm/w	4200lm	40W	100-277 VAC	non-flickering driver	>80	110 degree	>0.9	Ip40
SC-PBCAW14-B40W-02WE	3000K											
SC-PBCAW22-B40W-02CE	5000K											
SC-PBCAW22-B40W-02NW	4000K	2835	2*2	105lm/w	4200lm	40W	100-277 VAC	non-flickering driver	>80	110 degree	>0.9	Ip40
SC-PBCAW22-B40W-02WW	3000K											
SC-PBCAW24-B48W-02CE	5000K											
SC-PBCAW24-B48W-02NE	4000K	2835	2*4	105lm/w	5040lm	48W	100-277 VAC	non-flickering driver	>80	110 degree	>0.9	Ip40
SC-PBCAW24-B48W-02WE	3000K											
SC-PBCAW14-B40W-03CE	5000K											
SC-PBCAW14-B40W-03NE	4000K	2835	1*4	105lm/w	4200lm	40W	100-277 VAC	Flickering driver	>80	110 degree	>0.9	Ip40
SC-PBCAW14-B40W-03WE	3000K											
SC-PBCAW22-B40W-03CE	5000K											
SC-PBCAW22-B40W-03NE	4000K	2835	2*2	105lm/w	4200lm	40W	100-277 VAC	Flickering driver	>80	110 degree	>0.9	Ip40
SC-PBCAW22-B40W-03WE	3000K											
SC-PBCAW24-B48W-03CE	5000K											
SC-PBCAW24-B48W-03NE	4000K	2835	2*4	105lm/w	5040lm	48W	100-277 VAC	Flickering driver	>80	110 degree	>0.9	Ip40
SC-PBCAW24-B48W-03WE	3000K											
SC-PBCAW14-B40W-H-02CW	5000K											
SC-PBCAW14-B40W-H-02NE	4000K	2835	1*4	125lm/w	5000lm	40W	100-277 VAC	non-flickering driver	>80	110 degree	>0.9	Ip40
SC-PBCAW14-B40W-H-02WE	3000K											
SC-PBCAW22-B40W-H-02CE	5000K											
SC-PBCAW22-B40W-H-02NE	4000K	2835	2*2	125lm/w	5000lm	40W	100-277 VAC	non-flickering driver	>80	110 degree	>0.9	Ip40
SC-PBCAW22-B40W-H-02WE	3000K											
SC-PBCAW24-B40W-H-02CE	5000K											
SC-PBCAW24-B40W-H-02NE	4000K	2835	2*4	125lm/w	5000lm	40W	100-277 VAC	non-flickering driver	>80	110 degree	>0.9	Ip40
SC-PBCAW24-B40W-H-02WE	3000K											
SC-PBCAW24-B48W-H-02CE	5000K											
SC-PBCAW24-B48W-H-02NE	4000K	2835	2*4	125lm/w	6000lm	48W	100-277 VAC	non-flickering driver	>80	110 degree	>0.9	Ip40
SC-PBCAW24-B48W-H-02WE	3000K											

Remark: other color temperature for option: 2700K,3500K,4500K,5700K,6500K

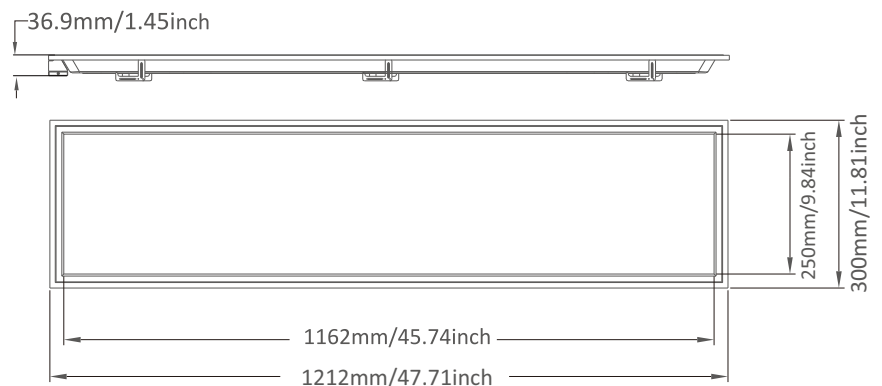
Not all the product variations listed on this page are DLC qualified. To ensure that a specific model is qualified, visit [www.designlights.org/search](http://www.designlights.org/search).

## Dimensions(unit:mm/inch)

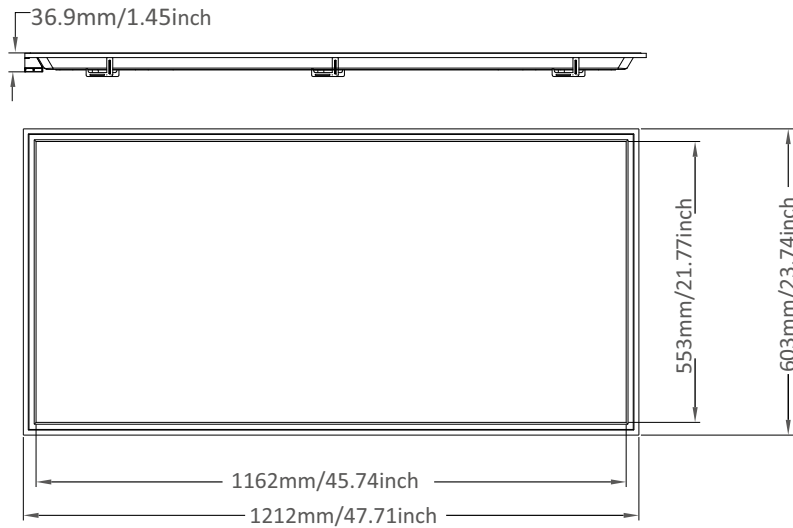
2\*2 dimension diagram



1\*4 dimension diagram



## 2\*4 dimension diagram

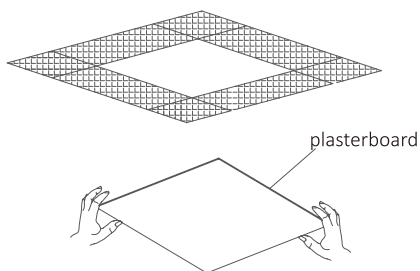


## Installation instruction

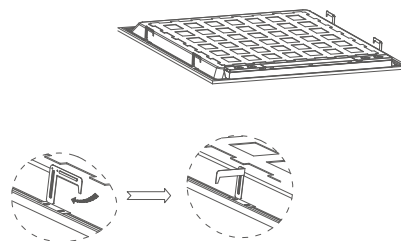
- Power off before installation.
- Ensure that the installed object can bear the lamp weight. Open the groove on the ceiling according to corresponding size. Then install the lamp into the clamping groove on the ceiling.
- Then connect wire attached to the lamp onto the corresponding power cord and carry out insulation sealing at the joint.

## Installation drawing

### 1. Remove the ceiling panel from the grid ceiling.

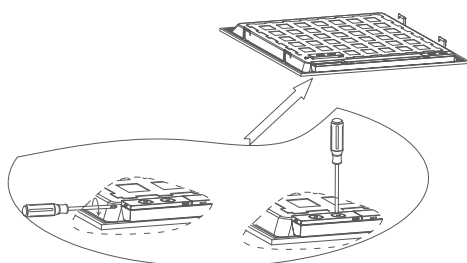


### 2. Rotate the hook



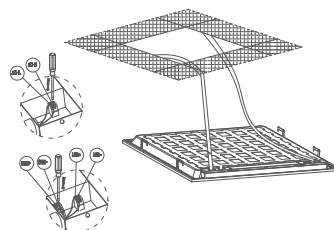
- Pull the hook to make it perpendicular to the lamp
- Rotate the hook by 90°

### 3. Prepare the driver



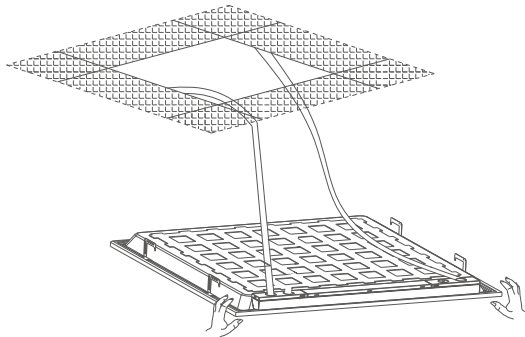
- Unscrew the upper cover of power supply box clockwise with cross screwdriver
- Open the power input port with a straight screwdriver

### 4. Connect the cable

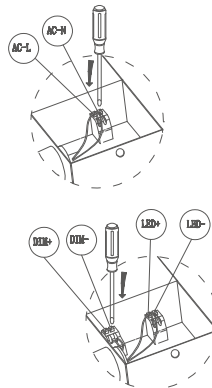
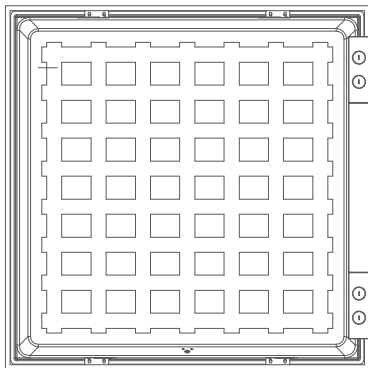


- Connect the white wire with N and connect black wire with L.
- Insert the dimmed light into DIM+ and DIM- terminal respectively according to the power supply identification
- Fixed number power box

**5. Put the lamp into the ceiling and switch on the light to see if the installation is successfully completed**



## Wiring diagram



## Packaging information

Information	Size 603*603mm/23.74*23.74inch	300*1212mm/11.81*47.71inch	603*1212mm/23.74*47.71inch
Net weight/CTN	2.3Kg	2.3Kg	4Kg
Gross weight/CTN	11Kg	11.7Kg	20.5Kg
Inner size	L649*W647*H110	L1256*W349*H110	L1250*W120*H650
carton weight/CTN	L670*W240*H675	L1280*W240*H375	L1280*W240*H675
Information	2PCS/inner box, 2 inner boxes/carton	2PCS/inner box, 2 inner boxes/carton	2PCS/inner box, 2 inner boxes/carton

## Notice



- Please read the specification first, to make sure the service environment matches the condition in the specification before using.
- Please confirm the input voltage and frequency before using.
- The light must be installed by professional;
- If power wire or shell of the light is damaged, the light is unqualified and can't be used;
- Dangerous high voltage, non-professionals are not allowed to maintain the products;
- If the exterior soft cable or wire is damaged, it must be exchanged by the manufacturer, its agent or other similar qualified personnel to avoid dangers.



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