Specification Sheet and Manual

Led Panels - Sideview - RGBCCT

Smart RGBW LED Panel Multi-function Options For Your Play

Remote control | APP Control | Flicker free | 16 million colors

Dancing pubs

Club

Hotel

Furniture lighting

2700K   3000K   4000K   5000K   6000K   6500K   RGB

Installation manual

CRI >80

50.000h L80B20

120°

warranty 5 YEARS

DC 24V

IP40

45°C -20°C

130 lm/w
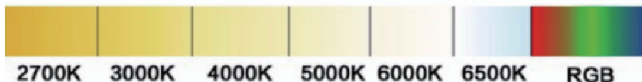
Introduction

This is a new RGB+CCT 2700-6500K led panel light solution stronger frame structure; Produce excellent and same intensity uniform light and high lumen output. Adopts high lumen SMD Osram Chips with CRI>80; Use Tuya & 2.4GHz wireless technology with the features of low power consumpion,long signal transmtting and strong anti-interference,erc. Product has auto-transmitting function.Widely used on the controlling of commercial lighting and home decoration lighting. It can fits seamlessly into any work place, available in various installation ways: recessed,suspendedand surface mounted.

Features

-Stronger structure: thickness of the frame is 11.5mm.
- RGB+white 2700K-6500K.
-SMD Osram Chips, 120~135lm/w luminous flux.
-120° beam angle.
-Energy saving,environmental,hight PF,ficker free,
produce same intensity and uniform comfortable light.
-Tuya wifi control and 2.4GHz RF remote control.
-Anti-glare design, DC24,
-Installation: Surface mounted, Suspended, Recessed.

Application Areas

Office & school lighting: KTV, Karaoke Bar, Skating Rink, Hotel，office room,Restaurant, Bedroom，meeting room, class room etc. Horticultural, farm, greenhouse，Commercial lighting: shopping mall, super market, retailer shops etc. Other situations: hospital, laboratory, dust-free workshop etc.

Technical Data Sheet

Model No.		PAN-RGB-3030	PAN-RGB-3060	PAN-RGB-30120	PAN-RGB-6060	PAN-RGB-6262	PAN-RGB-60120
Dimension(mm)		295*295*11.5	595*295*11.5	1195*295*11.5	595*595*11.5	620*620*11.5	595*1195*11.5
Power for R/G/B		6W/6W/6W	8W/8W/8W	13W/13W/13W	13W/13W/13W	13W/13W/13W	26W/26W/26W
Watt(W)	2800K Warm White	18W	24W	33W	30 W	32 W	48W
	4000K Natural White	18W	24W	33W	30 W	32 W	48W
	6500K Cool White	18W	24W	33W	30 W	32 W	48W
Rated Input Voltage(V)		AC230V					
Input Voltage(V)		AC200-240V					
LED Module Input		–					
Light Source		SMD Epistar RGB+WW+CW					
SDCM		<6					
CCT(K)		CCT: Dimmable and Adjustable from 2800K-6500k					
CCT Selection DIP Switch		Yes					
Luminous Flux (lm) ±5%	2800K Warm White	1710-1820	2450-2580	3830-4000	3830-4000	3870-4000	6180-6400
	4000K Natural White	1710-1820	2500-2630	3890-4056	3890-4056	3930-4100	6250-6450
	6500K Cool White	1710-1820	2560-2680	3966-4100	3966-4100	4050-4152	6400-6520
CRI		≥80					
Beam Angle (°)		120°					
UGR		UGR<22					
LED Driver		Built-out					
Dimming Option		2.4G RF Remote Control and Tuya Wifi Control					
Sensor		-					
Emergency Kits		-					
Electrical Class		Class Ⅱ					
Ingress Protection (IP Rating)		IP40					
Impact Resistance (IK Rating)		-					
Product Finishing(Base)		White RAL 9016					
Materials of Optics		PS Nanotechnology (LGP)+PET					
Materials of Housing		PS (Diffuser plate) / Aluminium (Frame)					
Lifetime (hr)		50000h					
Glow wire test (°C)		-					
Operating Temp. (°C)		-20°C ~45°C					
Installation		Surface mount / Pendant / Recessed					

Linking Code / Unlinking Code Instructions

Power — Light

Link / Unlink
button

Power — Light

1

Switch off light, after
**10 seconds then
switch on again.**

2

Short press " I " button
3 times within 3 seconds
when light on.

3

Lights blink 3 times
**slowly means linking
is done successfully.**

⚠️ Linking failed if light is not blinking slowly, Please follow above steps again.
(Note: Light that have linked can't link again)

Power — Light

Link / Unlink
button

Power — Light

1

Switch off light, after
**10 seconds then
switch on again.**

2

Short press " I " button
5 times within 3 seconds
when light on.

3

Lights blink 10 times
**quickly means unlinking
is done successfully.**

⚠️ Unlinking failed if light is not blinking quickly, Please follow above steps again.
(Note: Light haven't linked that don't need to unlink)

Total load wattage		18W	24W	33 W	30 W	32 W	48W
Input	Withstand voltage	I/P-O/P:3.75KVac,<5mA 60S					
	Isolation Resistance	I/P-O/P: 500VDC, ≥100M Ω					
	Inrush Current	IEC61000-4-5(L-N:1KV, L/N-PG:2KV)					
	EMC Emission	EN55015, EN61000-3-2					
	EMC Immunity	EN61000-4-2,3,4,5,6,8,11; EN61547					

Installation Procedure General safety instructions

WARNING ⚡

1. Switch off before installation / maintenance.
2. Switch on only after complete installation and examination of the circuit.
3. Professional electrician for installation and maintenance only.

EN Turn Off power supply before starting any installation. Read instructions & check you have all the tools & accessories to complete the installation correctly.

To avoid the risk of personal injury or property damage from fire,electric shock, falling parts, cuts/abrasions and other hazards,please read the following notes before mounting this device.

- Read the instructions before mounting/installation and hand it over to the customer for storage after installation.
- Do not mount damaged products.
- No liability is accepted for improper installation or changes afterwards.
- We recommend wearing protective gloves to protect the luminaire and the surface from dirt and finger prints.
- Avoid looking directly into the switched on light source.
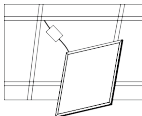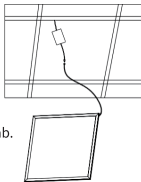- Keep small parts and packaging material out of the reach of children.

⚠ **Caution**
- Pay attention to the local safety and accident prevention guidelines.
- Installation and maintenance may only be carried out by qualified personnel.
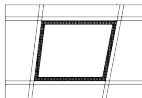- Check that the system is switched off before installation.

Recessed into ceiling
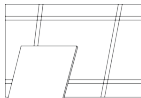
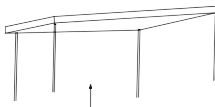1. Remove ceiling plaster slab.

2. connect power supply

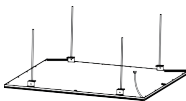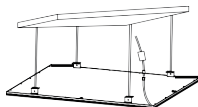3. Fix the panel light into right place

4. Stabilize the panel

Suspended

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 with suspended installation kits

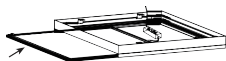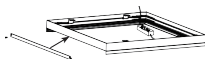3. Adjust the length of steel wire. Connect the power supply

Surface mounted

1. Fix the frame on the ceiling with screw

2.Pull down the side frame

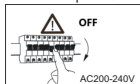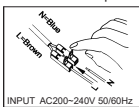3.Push the panel into the frame, connect the driver

4. Install the side frame

5. Turn on the power switch, finish the installation

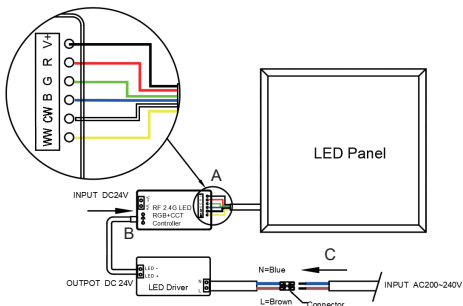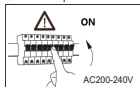The electrical connection of single led panel light;

1、Turn off power.

OFF

AC200-240V

2、Wiring on connector and controler like step: A、B、C.

N=Blue
L=Brown

INPUT AC200~240V 50/60Hz

3、Turn on power.

ON

AC200-240V

WW CW B G R V+

INPUT DC24V

RF 2.4G LED RGB+CCT Controller

A

B

LED Panel

OUTPOT DC 24V

LED -
LED -

LED Driver

N=Blue
L=Brown   Connector

C

INPUT AC200~240V

1. Panel light packed by PE bag&EPE Foam
2. Inner Color package
3. Master carton

Measurement

Model	Dimension(mm)			Size(mm)	Product Weight (Kg)		Package weight (Kg)		Carton Size(cm)	Qty/CTN
	A	B	C		N.W/PC	G.W/PC	N.W/CTN	G.W/CTN		
PAN-RGBCCT-3030	295	295	11.5	295*295*11.5	0.85	1.1	12.0	13.5	42.5*34.5*42.5	10
PAN-RGBCCT-3060	595	295	11.5	595*295*11.5	1.75	1.9	9.0	10.0	70.5*35.5*22.0	5
PAN-RGBCCT-30120	1195	295	11.5	1195*295*11.5	3.1	3.6	18	19.0	130*22*34	5
PAN-RGBCCT-6060	595	595	11.5	595*595*11.5	3.0	3.4	17	18.0	64*22*68.5	5
PAN-RGBCCT-6262	620	620	11.5	620*620*11.5	3.1	3.6	18	19.0	66*22*71	5
PAN-RGBCCT-60120	1195	595	11.5	1195*595*11.5	6.2	6.6	17	18.5	130*14.5*64.5	3
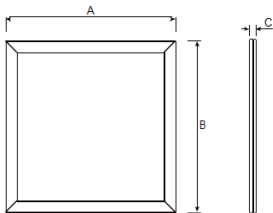
Support Tuya & 2.4G remote control, DMX system control.
SmarpPhone APP control Via Wifi, Bluetooth and Zigbee. Support third party voice control.

Compatible with these 2.4G RF remote controls(Purchased separately)

FUT100   FUT089S   FUT089 FUT089-B   FUT088   FUT092 FUT092-B   FUT096 FUT096-B   B8

B0 / B0-B   B4 / B4-B / T4   B3 / B3-B / T3   S2-B / S2-W S2-G   FUTD01

Support smartphone app control and third party voice control

No need 2.4GHz gateway, directly control

WORKS WITH
amazon alexa

works with the
Google Assistant

Работает
с Алисой

purpl-led.com

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