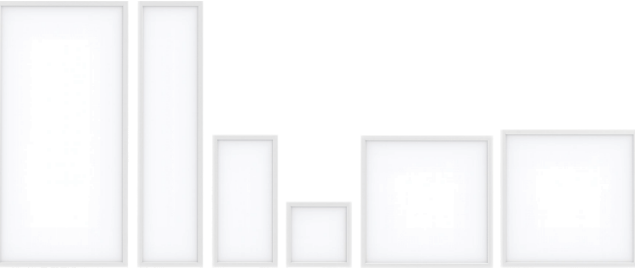


Specification Sheet and Manual

Led Panels - Sideview - CCT -UGR



Introduction

This is a new 2700-6500K dual white panel light solution with stronger frame structure; PMMA LGP produce uniform light and high lumen output; Adopts high lumen SMD Osram Chips with CRI>80; used 2.4GHz wireless technology with the features of low power consumption, long signal transmtting and strong anti-interference, etc. Product has auto-transmitting function. Widely used on the controlling of hotel lighting and home lighting.It can fits seamlessly into any work place, available in various installation ways: recessed, suspended and surface mounted.

Features

- PMMA LGP produce uniform and comfortable light.
- Stronger structure: thickness of the frame is 9mm.
- Dual white 2700K-6500K
- SMD Osram Chips, 110lm/w luminous flux.
- 120° beam angle.
- 2.4G RF remote control.
- Anti-glare design, DC24V, UGR<19 Prism Diffuser plate.
- Installation: Surface mounted, Suspended, Recessed.

Application Areas

Office & school lighting: office room, meeting room, class room etc. Commercial lighting: shopping mall, super market, retailer shops etc. Other situations: hospital, laboratory, dust-free workshop etc.

Technical Data Sheet

| Model No.                           |                     | PAN-CCT-3030-UGR                              | PAN-CCT-3060-UGR | PAN-CCT-30120-UGR | PAN-CCT-6060-UGR | PAN-CCT-6262-UGR | PAN-CCT-60120-UGR |
|-------------------------------------|---------------------|-----------------------------------------------|------------------|-------------------|------------------|------------------|-------------------|
| Dimension(mm)                       |                     | 295*295*10                                    | 595*295*10       | 1195*295*10       | 595*595*10       | 620*620*10       | 595*1195*10       |
| Cutout (mm)                         |                     | -                                             | -                | -                 | -                | -                | -                 |
| Watt(W)                             | 2800K Warm White    | 18W                                           | 24W              | 37W               | 36W              | 37W              | 60W               |
|                                     | 4000K Natural White | 18W                                           | 24W              | 38W               | 38W              | 38W              | 60W               |
|                                     | 6500K Cool White    | 18W                                           | 24W              | 37W               | 37W              | 37W              | 60W               |
| Rated Input Voltage(V)              |                     | AC230V                                        |                  |                   |                  |                  |                   |
| Input Voltage(V)                    |                     | AC220-240V                                    |                  |                   |                  |                  |                   |
| LED Module Input                    |                     | -                                             |                  |                   |                  |                  |                   |
| Light Source                        |                     | SMD Osram                                     |                  |                   |                  |                  |                   |
| SDCM                                |                     | <6                                            |                  |                   |                  |                  |                   |
| CCT(K)                              |                     | CCT: Dimmable and Adjustable from 2800K-6500k |                  |                   |                  |                  |                   |
| Luminous Flux (lm) ±5%              | 2800K Warm White    | 1800-1900                                     | 2450-2520        | 3700-3780         | 3700-3780        | 3700-3780        | 6200-6300         |
|                                     | 4000K Natural White | 1800-1900                                     | 2450-2520        | 3700-3780         | 3700-3780        | 3700-3780        | 6200-6300         |
|                                     | 6500K Cool White    | 1800-1900                                     | 2450-2520        | 3700-3780         | 3700-3780        | 3700-3780        | 6200-6300         |
| CRI                                 |                     | ≥80                                           |                  |                   |                  |                  |                   |
| Beam Angle (°)                      |                     | 120°                                          |                  |                   |                  |                  |                   |
| UGR                                 |                     | UGR<19                                        |                  |                   |                  |                  |                   |
| LED Driver                          |                     | Built-out                                     |                  |                   |                  |                  |                   |
| Dimming Option                      |                     | 2.4G RF Remote Control                        |                  |                   |                  |                  |                   |
| Sensor                              |                     | -                                             |                  |                   |                  |                  |                   |
| Emergency Kits                      |                     | -                                             |                  |                   |                  |                  |                   |
| Electrical Class                    |                     | Class II                                      |                  |                   |                  |                  |                   |
| Ingress Protection (IP Rating)      |                     | IP40                                          |                  |                   |                  |                  |                   |
| Impact Resistance (IK Rating)       |                     | -                                             |                  |                   |                  |                  |                   |
| Product Finishing <sub>(Base)</sub> |                     | White RAL 9016                                |                  |                   |                  |                  |                   |

| Model No.            | PAN-CCT-3030-UGR                        | PAN-CCT-3060-UGR | PAN-CCT-30120-UGR | PAN-CCT-6060-UGR | PAN-CCT-6262-UGR | PAN-CCT-60120-UGR |
|----------------------|-----------------------------------------|------------------|-------------------|------------------|------------------|-------------------|
| Materials of Optics  | PMMA(LGP)+PP                            |                  |                   |                  |                  |                   |
| Materials of Housing | PP (Diffuser plate) / Aluminium (Frame) |                  |                   |                  |                  |                   |
| Lifetime (hr)        | 50000h                                  |                  |                   |                  |                  |                   |
| Glow wire test (°C)  | -                                       |                  |                   |                  |                  |                   |
| Operating Temp. (°C) | -20°C ~45°C                             |                  |                   |                  |                  |                   |
| Installation         | Surface mount / Pendant / Recessed      |                  |                   |                  |                  |                   |

Technical Data Sheet

| Total load wattage |                             | 18W         | 24W    | 36W    | 42W    | 60W    |
|--------------------|-----------------------------|-------------|--------|--------|--------|--------|
| Output             | Output Voltage range        | DC24V       | DC24V  | DC24V  | DC24V  | DC24V  |
|                    | Rated output current        | 1000mA      | 1000mA | 2000mA | 2000mA | 3000mA |
|                    | Line Regulation             | ±5%         |        |        |        |        |
|                    | Setup, Rise Time            | <0,5S       |        |        |        |        |
|                    | Flickering Index            | -           |        |        |        |        |
| Input              | Input Voltage               | AC230V      |        |        |        |        |
|                    | Rated Input Voltage(V)      | AC220-240V  |        |        |        |        |
|                    | Frequency                   | 50/60Hz     |        |        |        |        |
|                    | Input Current               | ≤1A         | ≤1A    | ≤2A    | ≤2A    | ≤3A    |
|                    | Rated Input Current         | ≤1A         | ≤1A    | ≤2A    | ≤2A    | ≤3A    |
|                    | Power Factor                | 0.9         |        |        |        |        |
|                    | THD                         | <20% @ 230V |        |        |        |        |
|                    | Efficiency                  | ≥86%        |        |        |        |        |
|                    | No load wattage             | <1W         |        |        |        |        |
| Protection         | Short circuit protection    | Pass        |        |        |        |        |
|                    | Over voltage protection     | Pass        |        |        |        |        |
|                    | Over temperature protection | Pass        |        |        |        |        |

| Total load wattage |                      | 18W                               | 24W | 36W | 42W | 60W |
|--------------------|----------------------|-----------------------------------|-----|-----|-----|-----|
| 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.



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.

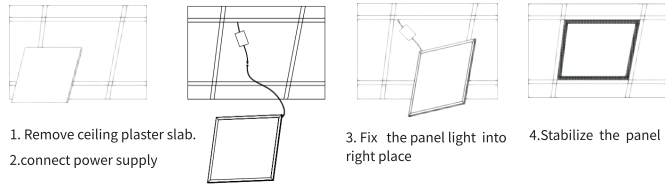
- Read the instructions before mounting/installation and hand it over to the customer for storage after installation.
- Do not mount damaged products.
- No liability is accepted for improper installation or changes afterwards.
- We recommend wearing protective gloves to protect the luminaire and the 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.

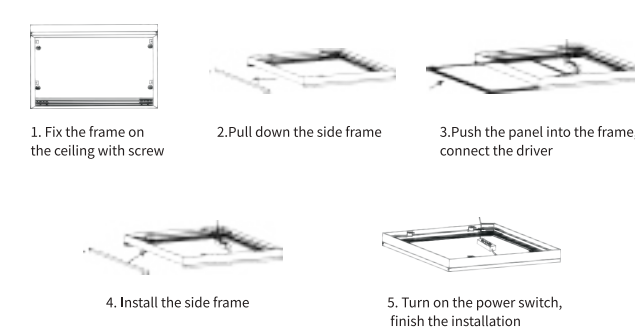
Recessed into ceiling



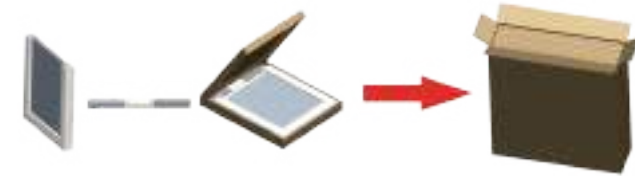
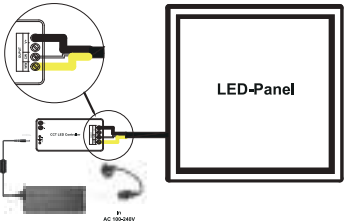
Suspended



Surface mounted



The electrical connection of single led panel light;



- 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-CCT-3030-UGR  | 295           | 295 | 10 | 295*295*10  | 0.8                 | 1.0    | 10.0                | 12.5    | 42.5*34.5*42.5  | 10      |
| PAN-CCT-3060-UGR  | 595           | 295 | 10 | 595*295*10  | 1.7                 | 1.8    | 9.0                 | 10.0    | 70.5*35.5*22.0  | 5       |
| PAN-CCT-30120-UGR | 1195          | 295 | 10 | 1195*295*10 | 3.0                 | 3.5    | 17                  | 18.0    | 134*22*34       | 5       |
| PAN-CCT-6060-UGR  | 595           | 595 | 10 | 595*595*10  | 2.9                 | 3.3    | 16                  | 17.0    | 64*22*68.5      | 5       |
| PAN-CCT-6262-UGR  | 620           | 620 | 10 | 620*620*10  | 3.0                 | 3.5    | 17                  | 18.0    | 66*22*71        | 5       |
| PAN-CCT-60120-UGR | 1195          | 595 | 10 | 1195*595*10 | 6.0                 | 6.3    | 16                  | 17.5    | 134*14.5*64.5   | 3       |



Support 2.4G remote control, Dali, DMX system control.  
SmarpPhone APP control Via Wifi, Bluetooth and Zigbee. Support third party voice control.

Compatible with these remote controls (Purchased separately)



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Specification Sheet and Manual