

LED Panel Light 595X595 50W

DATASHEET



POWERED BY



INDEX

Product Bases.....	1
Product Picture.....	2
Technology Parameter.....	3
Power Supply (SMPS) Parameters And Connection.....	4
Product Drawing.....	5
Installation.....	6
Packaging.....	7
Application.....	8

1- Product Bases

LED Panel 595X595-50W Powered By  **LG Innotek**

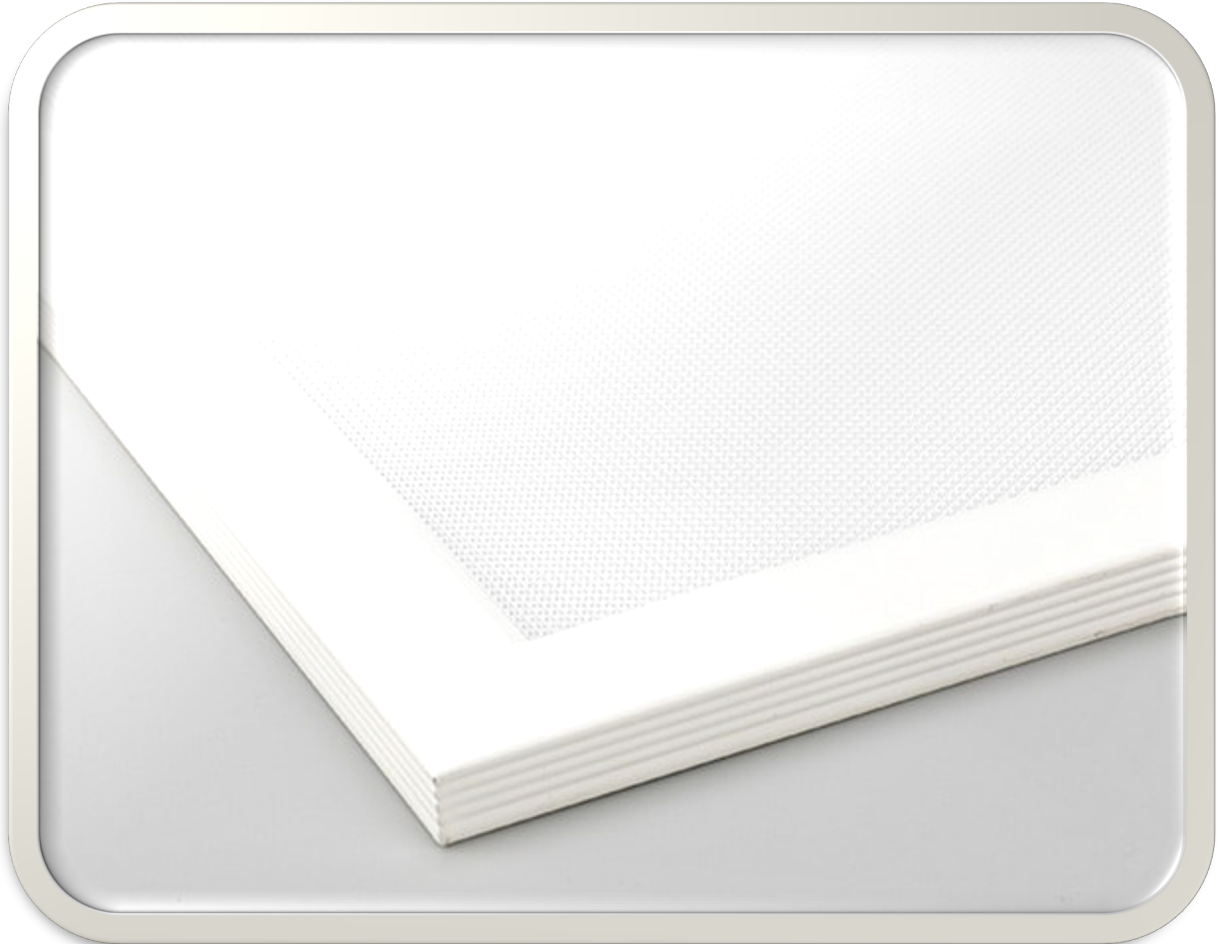
Contains 2 PCBs with 120 Pcs Of LED Light Source 5630 LG Innotek

Made In Korea (G4) Fourth Generation each Chip produces 179 LM/W.

4mm PMMA Light guide Sheet out case of Aluminum.

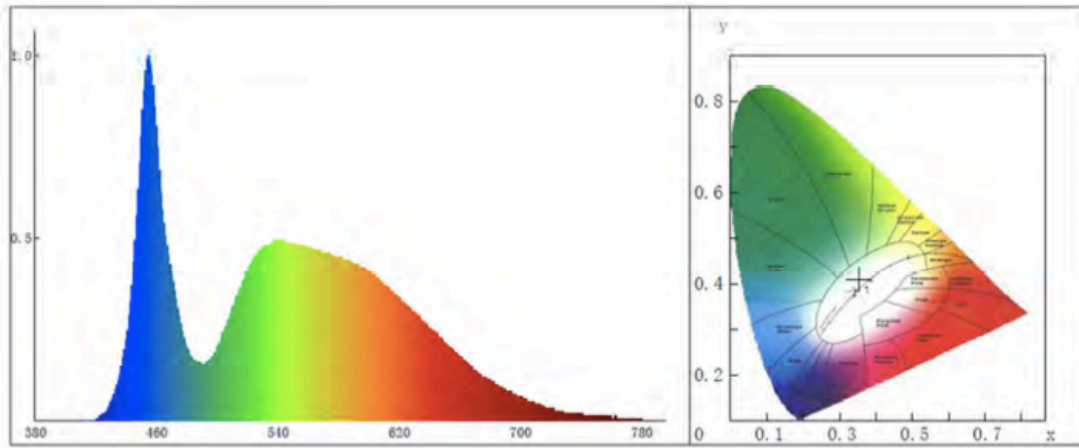
Slim LED PSU based on flicker free & 0.99 PF and no over heat type

2 - Product

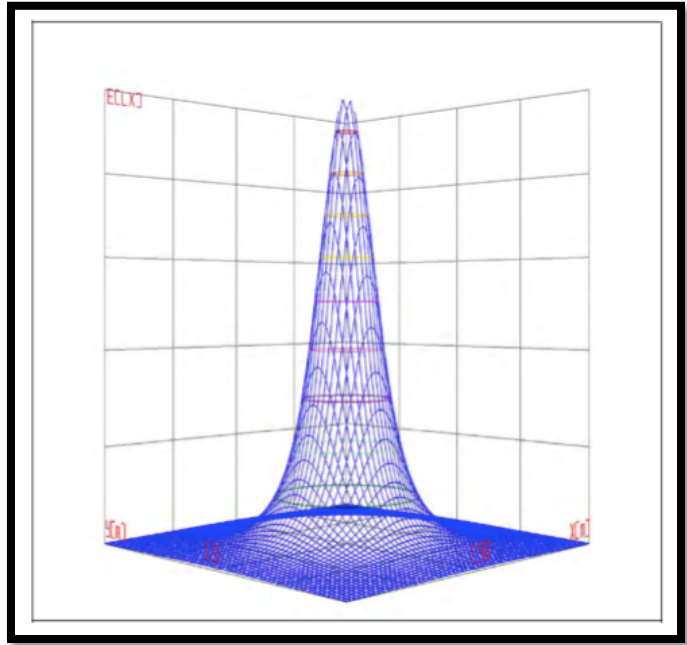
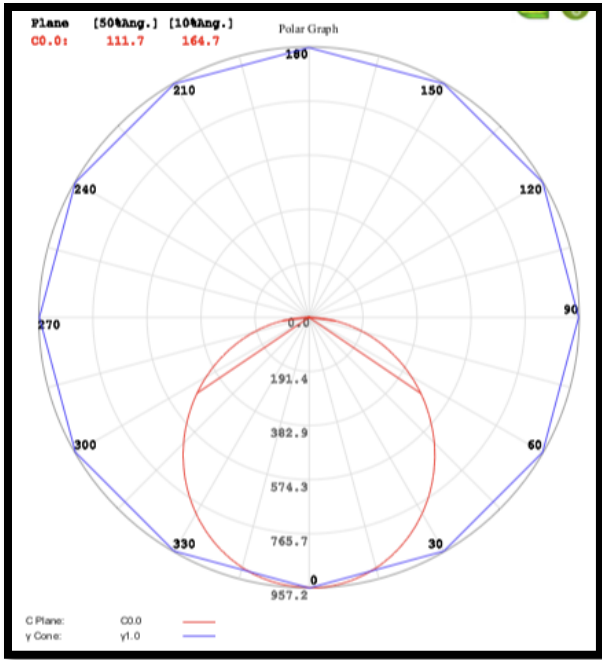


3 - Technology Parameter

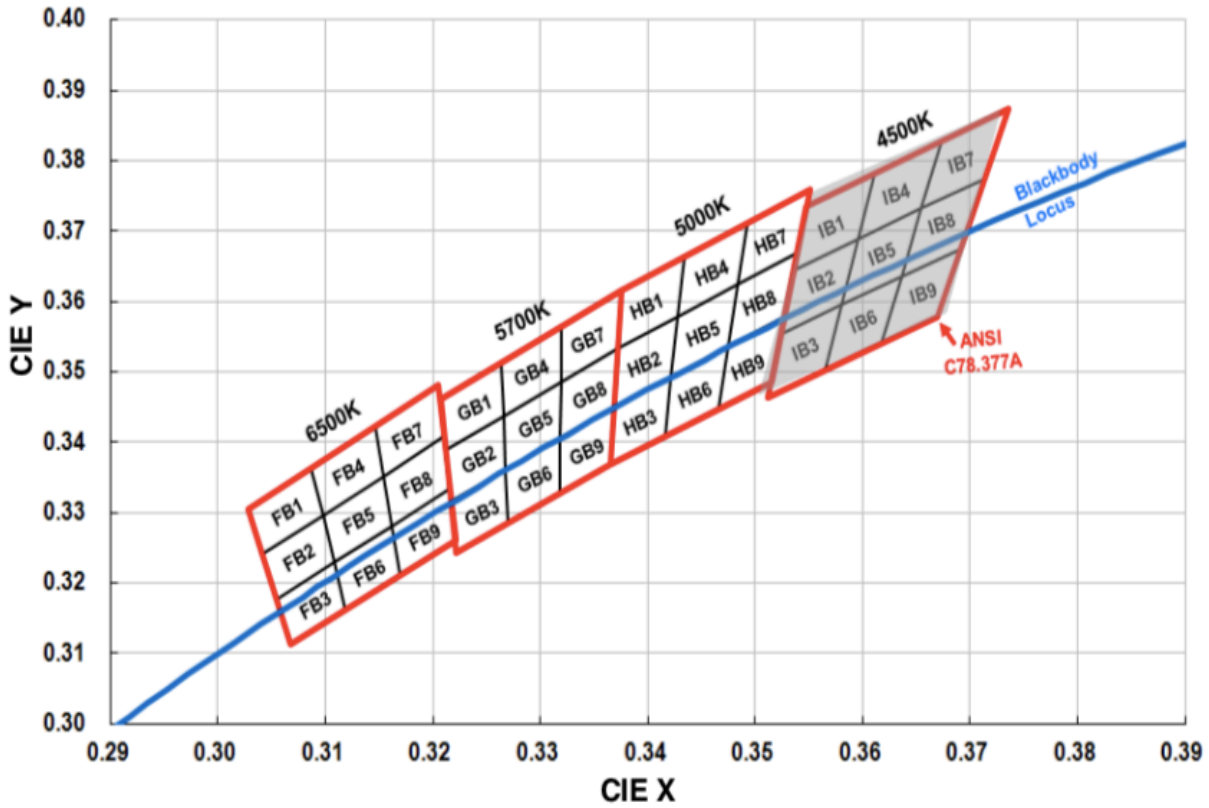
Spectrum Of Light:



Model:	LED Panel 600x600-50W	Type:	Indoor Lighting
Product Name:	Bright Star-50W-110	LED Type	LG Innotek
Application:	Office / Commercial	Part No.	EGY-50W-110
Input Voltage	AC 100-277 V - 50/60 Hz		
Panel Light Input Voltage	DC 24-50 V		
Color Temperature	4000K - 4500K / 5700K - 6500K		
Total Power (W)	50 ±5%		
Total Flux (Lm)	>6300		
Efficacy (Lm/W)	139		
CRI	>80		
Beam Angle	120°		
Power Factor	0,99		
IP	IP20		
Operating Temperature	-20 °C to +50 °C		
Storage Temperature	-20 °C to +60 °C		
Life	50.000 Hours		
Dimming Options	PWM, 0-10V, DALI, CCT Adjustable		



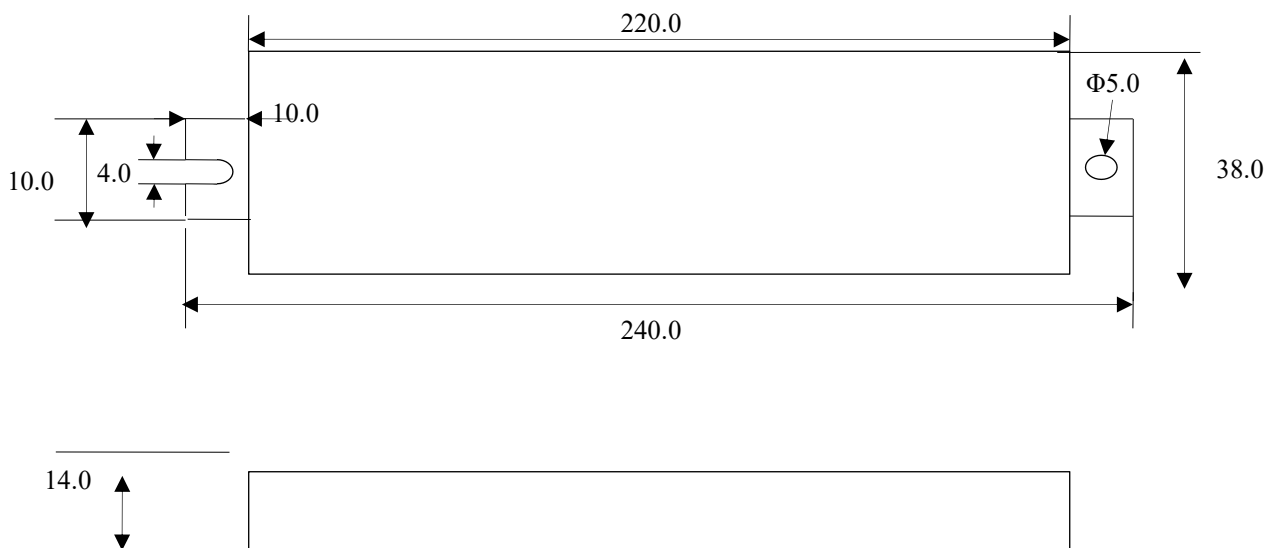
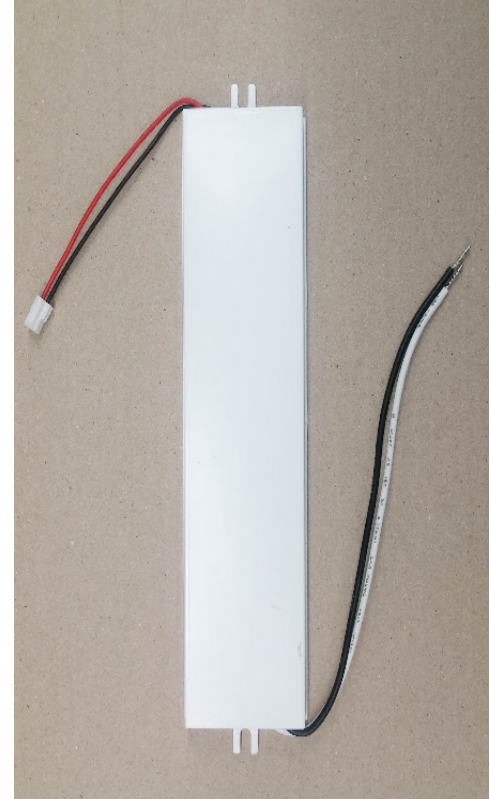
5630 LG G4 5700k spectrum:



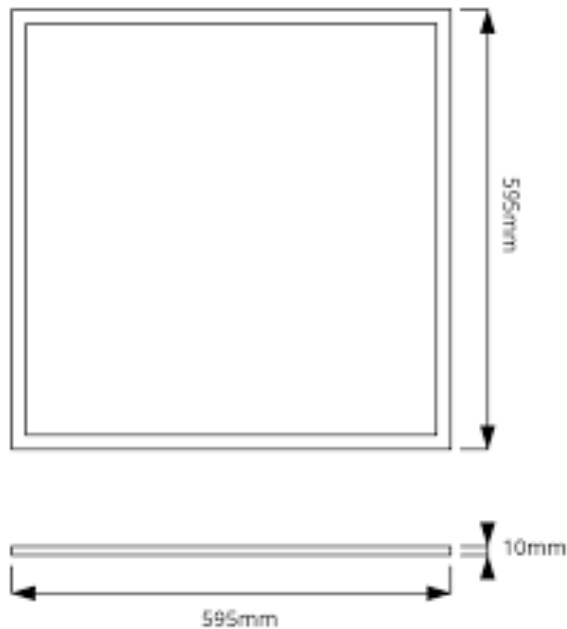
4 - SMPS Technology Parameter And Connection

Features

- **High efficiency**
- **Compact size 1.40cm**
- **AC184-264V wide input voltage range**
- **Constant current output**
- **Isolated Input-Output**
- **High PF (PF 0.99)**
- **38~46V wide constant current operation range**
- **Low output ripple current & Voltage**
- **Built-in Output Short Protection**
- **Flicker free IC integrated**



5 - Product Drawing



6 - Installation

1. SUSPENDING TYPE

Steps:

- Fixed one end of stainless steel onto the ceiling with anchor bolt.
- Screw the other end of stainless steel into the back cover of LED panel light.

2. EMBEDDED TYPE

Steps:

- Taked of the false ceiling panel, put in the panel from diagonal.
- Fix the panel at the right place.
 - Datasheet is subject to change without notice last up date at Nov. 2019.
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3. WALL MOUNTING TYPE

Steps:

- Knock the screws into the wall, then installed the fixed parts into the back cover of the LED panel light.
- Slide the integrity of LED panel light and the fixed parts and lock with the screws.

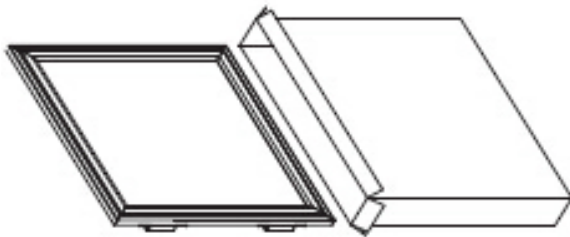
Steps:

- Knock the screws into the wall, then installed the fixed parts onto the back cover of the LED panel light.
- Slide the integrity of LED panel light and the fixed parts and lock with the nail.

7- Packaging

Color Cartoon Box as first Page shown contains

1 LED 600mm X 600mm Panel / 4 Metal hanging hinges / 1 PSU



8 - Applications

- Office
- Shop

- Hotel
- Hospital

- work & waiting area
- Schools

- Elevators
- Bank

- Mall
- entrance

Best Regards



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