

LED Ceiling Panel 600x600mm

Introduction:

This 45W LED flat panel provides an excellent even light from its unique aero metal shell. The panel uses high brightness, side emitting, LED's in a ultra thin design. The high power conversion efficiency is achieved by using a high performance external, constant current driver. Attractive casing design allows for both flush and suspension installation.



Applications:

- ◆ Replacement of conventional fluorescent tube panels for a reduction in energy costs as well as lower maintenance
- ◆ Offices, corridors, bathrooms, kitchens, etc.

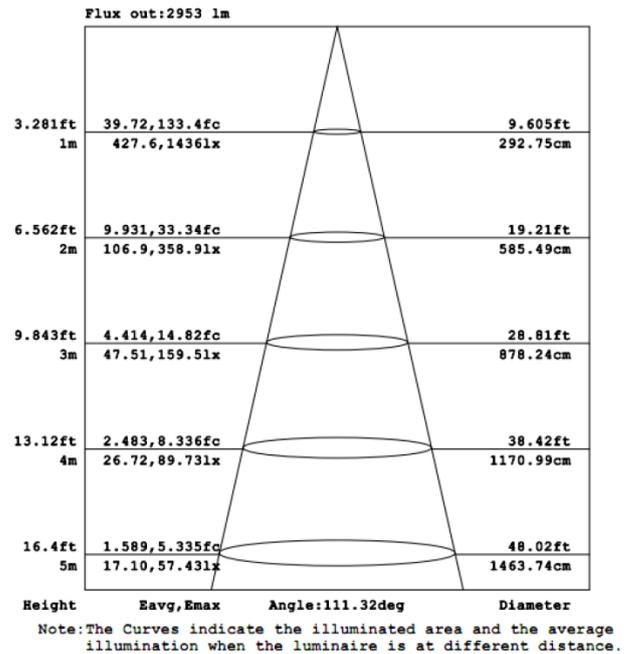
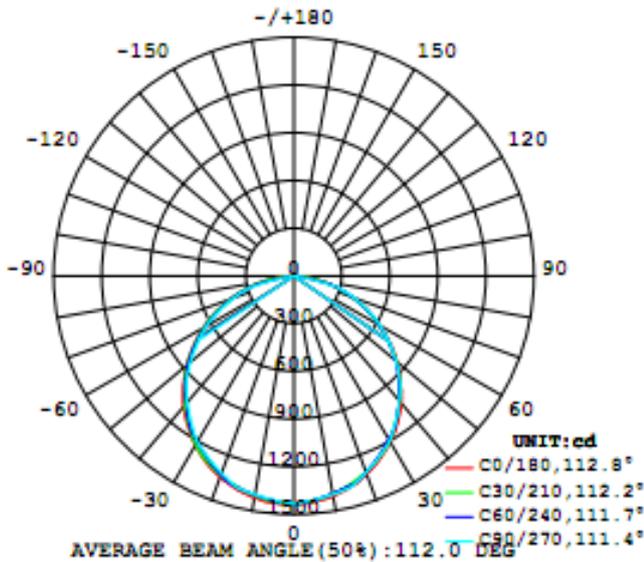
Features:

- ◆ Higher efficiency and better light uniformity by the adoption of high performance LED's
- ◆ Excellent heat dissipation for longer life
- ◆ No harmful materials
- ◆ No UV or IR radiation
- ◆ Instant start, no flicker
- ◆ Flush or suspend from ceiling or wall mount
- ◆ IP20 rated

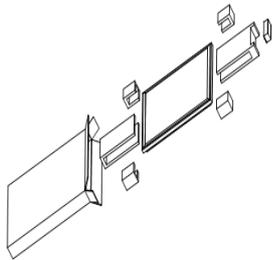
Specifications:

| Model | SN-45M01-WW | SN-45M01-W | SN-45M01-CW |
|---------------------|----------------------|------------|-------------|
| Power consumption | 45W ± 2W | | |
| Input voltage | AC100-240V 50/60Hz | | |
| Power factor | ≥0.9 | | |
| CCT | 3000K±200K | 4000K±250K | 6000K±500K |
| Luminous Flux | 4000lm | 4100lm | 4275lm |
| CRI | ≥80 | ≥70 | ≥70 |
| Viewing Angle | 110° | | |
| Working temperature | -30°C ~ +50°C | | |
| Outer dimensions | 595 x 595 x 10.5mm | | |
| Number of LED's | 120 (2835, 0.5W) pcs | | |
| Lifespan | 50,000hrs (25°C) | | |
| Certification | CE/FCC/ROHS | | |

Light distribution curve and average illumination diagram:



Packaging Information:

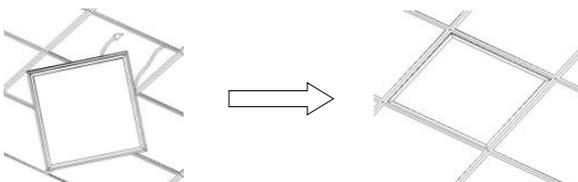


| | | | | |
|---------------------------------|--------------|---------------|--------------|---------|
| Net weight | 3.1Kgs | | | |
| Packing Qty | 5pcs | | | |
| Pack dimension/ Gross weight | Single box | 624x40x669mm | Single box | 3.7Kgs |
| | Outer carton | 640x215x690mm | Whole carton | 18.6Kgs |

Installation:

FLUSH MOUNT

1. Connect the driver output wires with the ceiling panel. The WHITE wire is the POSITIVE connection, the BLACK wire is the NEGATIVE connection.
2. Connect the driver input wires to the mains supply. The BROWN wire is the LIVE connection, the BLUE wire is the NEUTRAL connection and the GREEN/YELLOW wire is the EARTH connection.
3. Position the panel onto the ceiling frame. Offer the panel up through the access at an angle and then lay it flat in the frame.



Cautions:

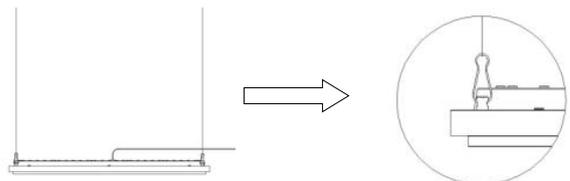
Do not disassemble, wash, modify or change the internal parts.

Do not cover the panel with paper, cloth, ceiling insulation or any other flammable material.

Make sure the electrical power is disconnected before either trying to connect the panel or disconnecting it.

SUSPENDED MOUNT

1. Connect the driver output wires with the ceiling panel. The WHITE wire is the POSITIVE connection, the BLACK wire is the NEGATIVE connection.
2. Connect the driver input wires to the mains supply. The BROWN wire is the LIVE connection, the BLUE wire is the NEUTRAL connection and the GREEN/YELLOW wire is the EARTH connection.
3. Use the steel wire and pothook to hook the panel and then suspend it securely from the



Do not touch the metal surfaces when the panel is switched on as it may be hot.

Do not look directly at the light for long periods to avoid harm to your eyes.