



What Does a Premium Quality LED Panel Look Like?

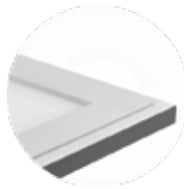
All LED lights are not created equal. The raw materials, design, manufacturing and quality control processes play a vital role in the performance and lifetime of an LED fixture. For example, SARIN T8 tubes have a .8 mm thick aluminum housing, which dissipates heat more effectively than standard .5 mm tubes. SARIN LED A19 bulbs last 25,000 hours, whereas typical LED bulbs fail at ~10,000 hours. Look deeper into our high quality panels below.

Manufacturing Features



Quality LED

Gold wire bonded LED, high efficiency and lumen output



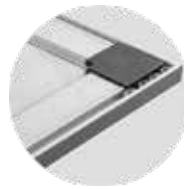
No Light Leakage

Tightly fixed and the gap is carefully covered by sealant



LED Protector

LEDs will not be damaged due to LGP expansion



Embedded Groove

Able to support various accessories and installations



UV Solidity

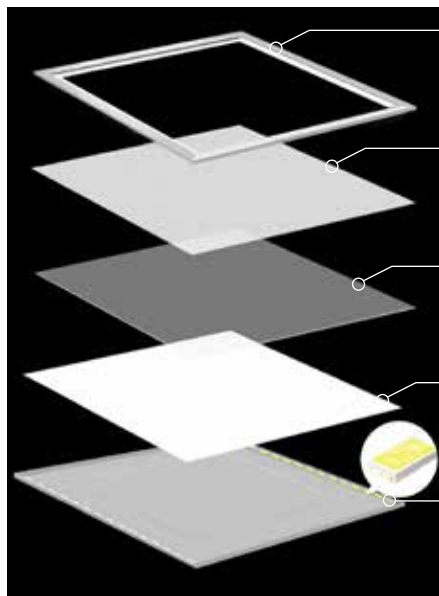
Great insulation plus strong strain and tension relief



Earthquake Proof

Pre-installed kit prevents ceiling panels from falling

Build Materials



Durable Frame

lightweight aluminum with great heat dissipation

Diffuser

Improved light balance for even lighting

Light Guide Plate

PMMA material does not yellow with age like PS

Reflector

Better energy efficiency and brighter output

Top Brand LED

Long lifespan and superior energy savings

Why Does PMMA Matter?



PS (Polystyrene) Plate

The image above shows two sets of panel lights 6 months after installation. The left side has PS light guide plates. The right side has PMMA light guide plates. PS is a popular material in the United States due to its low price, but it inevitably turns yellow with dark spots which reduces the power conversion efficiency.

PMMA (Acrylic) Plate

The advantages of PMMA include age-resistance and higher light transmittance when compared to PS. Even after years of usage, the color and efficiency will have minimal change.