



LED CEILING LIGHTING

Ceiling Panels

A power saving product for ceiling paneling replacing CFL ; Heat dissipation is considerably low. Low power consumption , Comes in Aluminium enclosure. Energy saving over 50% electricity saving than normal CFL & , long-life over 5 times longer than CFL products ; With pure light and high color rendering index, new type of environmental ; No flickering or buzzing ; Built with dedicated LED driver for PWM constant current supply to ensure longer operating life and to minimize brightness deterioration due to over-driven, External dimming is an added optional plug ins.

~Technical parameters:

Light source : 5050 SMD LED
Input Voltage : 170V-265V,50Hz
LED Viewing Angle : 120degree.
LED color : warm white/cool white
Power consumption : 18W,34W,64W & 77W
Working temperature: -40degC to 60deg C



| Part Number | Dimension (mm) | Power | Luminous Flux(Lm) | Beam angle | Emitting Color | Voltage AC 50 Hz | Luminance (Lux/1met) |
|----------------|----------------|-------|-------------------|------------|-----------------|------------------|----------------------|
| PNL-0303-WW/CW | 300X300X17 | 18W | 1000 | 120 ° | warm/cool white | 170-270 | 400 |
| PNL-0603-WW/CW | 600X300X17 | 34W | 1800 | 120 ° | warm/cool white | 170-270 | 700 |
| PNL-0606-WW/CW | 600X600X17 | 64W | 3300 | 120 ° | warm/cool white | 170-270 | 1100 |
| PNH-0606-WW/CW | 600X600X17 | 77W | 5400 | 120 ° | warm/cool white | 170-270 | 1800 |

Ceiling Fittings

~Technical parameters:

Material : LEDs mounted on PCB with power supply
Lighting sources: 10W (RC supply/Driver) ,
dimmer optional
Voltage: 200 to 270V AC
Working time: >40, 000 hours
Temperature range: -40°C to +80°C
Colors Available : Warm white/ Cool white,
Size: (L) 120 x (W) 120 x (H)50mm(PCB with ckt)
Warantee : 2 yrs from date of installations .



Applications:

1. False fitting lightings
2. Decorative hall lighting

Other products :

Street lights upto 150W LED equivalent to 400 W HPSV lamp
Solar Lanterns (1W/12 Hrs mobile battery operated)



Top 10 Reasons You Need to Switch to LED Light Bulbs

Light emitting diodes (LEDs) have been turning up all over the place, which leads one to wonder why. What's so great about these little lights? Why are we seeing more and more LED light bulbs cropping up on everything from cars to traffic lights?

LED light TUBES have some very clear advantages over Florescent Tube lighting (FTL) , such as:

1. LED light tubes last longer. Without a filament to break or burn out, LED light bulbs can last for over 50,000-100,000 hours without showing their age (that's over eleven years at full brightness). This lifespan is five times that of typical fluorescent bulbs and twenty times longer than incandescent light bulbs.
2. They are energy efficient. An FTL loses 50% percent of its energy to heat,choke & other losses ; leaving only the last 50% percent for light. LED light bulbs turn this around, giving up a scant 20 percent of their energy to heat loss. Not only that, but they operate at 40 to 50 percent of the power required for FTL of similar brightness.
3. LEDs are more colorful. LED light bulbs can be made in a vast array of colors without the use of extra filters, which brings down production costs. They also provide a truer, brighter color than a filtered bulb.
4. LED light work in silence. The days of humming bulbs came to an end with the creation of LEDs, so there's no need to lose sanity listening to the thrum, tick, or ping of other light bulbs.
5. They are incredibly safe. With so little energy lost to heat and so little energy used overall, LED light bulbs run cool, which means no burnt fingers or burnt down houses. They are extremely durable thanks to their solid-state construction, so there's no broken glass to deal with, either.
6. LED light bulbs are focused. LEDs can be made to focus without the use of extra reflectors or lenses, which means less bulk and lower cost for the same beam of light.
7. They are the best for dimming. Incandescent bulbs turn yellow when dimmed, while LED light bulbs retain their true colors.
8. LEDs are versatile. Thanks to the wide array of colors and shapes LEDs be made to replace most any light bulb. Their diminutive size and power-sipping nature also open up a world of possibility, from infrared remote control lights to ultra-light headlamps.
9. LED light bulbs bring light quickly. Lighting up to their full brightness in microseconds, LEDs are a safer choice when reaction time is a factor, like when that car in the fast lane slams on the brakes.
10. They promise a brighter future. LED light bulbs don't contain mercury, like compact fluorescent bulbs do. Combining that with the fact that they outlast their energy efficient cousins, makes the choice to go LED clear as day.