



LED PANEL LIGHT



Emirates Tower, Office No. 104, P.O.Box : 24619, Sharjah U.A.E.

Tel : (+971)6 525 6767 Fax : (+971)6 525 6363

Email : sales@alqudrahtrading.com,

info@alqudrahtrading.com

www.alqudrahtrading.com

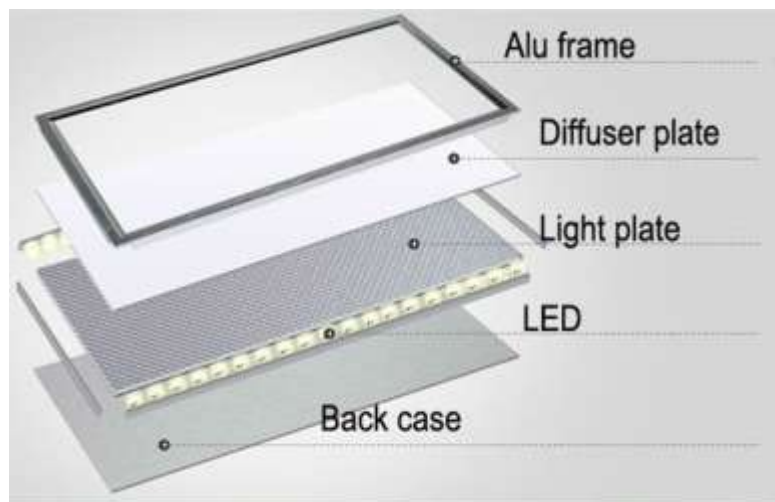
Led panel lights:

Led panel lights are a type of lighting fixture designed to replace conventional fluorescent ceiling lights. They are one of best lighting options for indoor settings. They show a higher brightness than ordinary fluorescent lamps. They can save energy by improving the energy efficiency. They have longer life span than normal bulbs. They are one of best lighting options for indoor settings. LED panel lights are good lighting choice for hotels, bars, restaurants, cafes, home interior decoration, etc..

Design:

LED panel lights are constructed in such a way that allows for better illumination conditions. This kind of lighting makes use of the latest in LED (light emitting diode) technology. LED panel lights typically feature a lightweight aluminum frame which houses three layers. The frame is one of the more important led panel light parts as it is

designed to prevent light leakage. The layers inside include LED chips, a light guide plate and a diffuser. The diffuser is usually located right at the front of the light guide plate; its function is to distribute light evenly across the surface. There is also a reflector plate right at the



back of the LED guide plate. Another vital part is the solid backing, which also has an effect on the lighting fixture's overall look. LED panel lights are also equipped with a heat sink system to ensure safety.

DIFFERENCE IN SHAPES:

The sole difference between round and rectangular or square LED panel lights is that their shape is different – other than that, all these panels have the same functions and features. They are especially designed to provide top-notch lighting with considerably less power, which results in lower electricity bills. These panel lights could instantly flood the room with light when switched; there would be no flickering and no humming. There would also be no RF interference.

AVAILABLE SIZE AND WATTAGE:

No	Cut Out Shape	Size	Watt
1	Square	300 x 300	20 W
2		620 x 620	54 W
3			48 W
4			36 W
5		600 x 600	24 W
6			30 W
7			36 W
8			45 W
9			54 W

No	Cut Out Shape	Size	Watt
1	Rectangle	300 x 600	18 W
2			27 W
3		300 x 1200	40 W
4			45 W
5			54 W
6		600 x 1200	54 W
7			72 W
8		200x 1200	48 W
9			36 W

No	Cut Out Shape	Watt
1	Round	3 W
2		6 W
3		9 W
4		12 W
5		15 W
6		25 W

DRIVER FOR PANEL LIGHT:

A device that can convert incoming AC power to the proper DC voltage. The driver converts 120V (or other voltage) 60Hz AC power to low-voltage DC power required by the LEDs. Regulate the current flowing through the LED during operation. Protects the LEDs from line-voltage fluctuations.



ADVANTAGES OF LED PANEL LIGHTS:

1. Flexibility in Design
2. Ultra Slim, good heat dissipation
3. Best Light Quality
4. Use best material for high brightness
5. Long life
6. Shock-resistant
7. Environmental friendly
8. Amazing control ability
9. Light Adjustment
10. Customizability
11. Work well in area with unstable electricity supply of voltage
12. Ideal for installation where maintenance is difficult

OUR MODELS:



AQLPR01



AQLPR02



AQLPR03



AQLPR04



AQLPR05



AQLPR06



AQLPR07



AQLPS08



AQLPS09



AQLPR10



AQLPR11



AQLPR12



AQLPR13



AQLPS14



AQLPR15



AQLPS16



AQLPS17



AQLPS18



AQLPS19



AQLPS20



AQLPS21



AQLPR22



AQLPR23