

LUMO[®]

feel the difference

LED Panel Light

IP44

FIVE-YEAR

5

WARRANTY



Dust Proof
Water Resistant
Flicker Free



LED Panel Light

How flicker can be potential health risk?

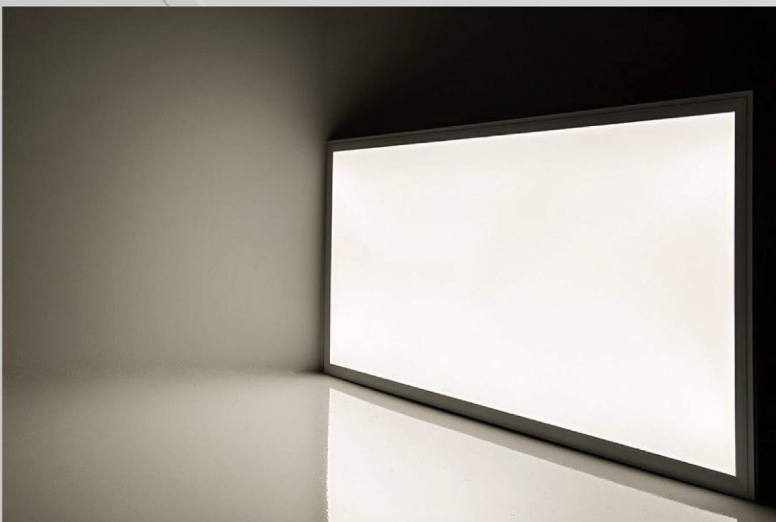
The simplest definition of flicker is "modulation of light output." Or "a rapid and repeated change over time in the brightness of light". The effects of flicker can range from non-specific malaise (or only a normal headache) to epileptic attacks.

Complaints about flicker are nothing new to the lighting industry; however, the specific characteristics of LED lighting present some unique challenges.

Because of the potential health risk of flickers in lighting, IEEE P1789 was formed December 2008 for the purpose to bring together experts in photobiology, power electronic LED drivers, lighting health, lamp design, and LEDs together to discuss health effects of flicker in LED lighting.



We produce Flicker free lights



LUMO FZE addresses customer concerns by improving color quality, product price, lifespan and efficiency. But still the next big performance debate is now centering on flicker so we have designed a flicker free light for those who are looking for highest possible lighting performance.

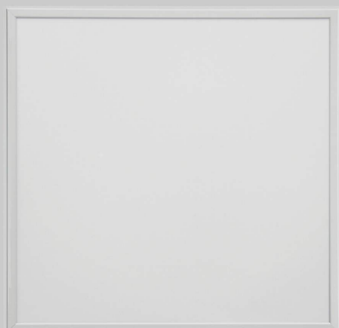
Select the panel light options based on your project

An introduction to the future of lighting

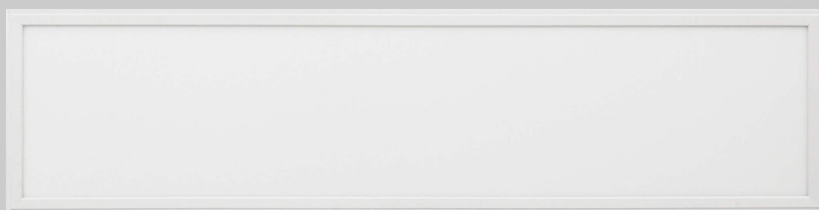
LED Square Panel Light can perfectly replace traditional downlight. Using Light Guide Plate, it has the feature of uniform and smooth light beam, low glare rating, low light pollution, and excellent protection from eyestrain. It can be widely used as interior lighting in shops, supermarkets, malls and hospitals, etc.

LED Panel light

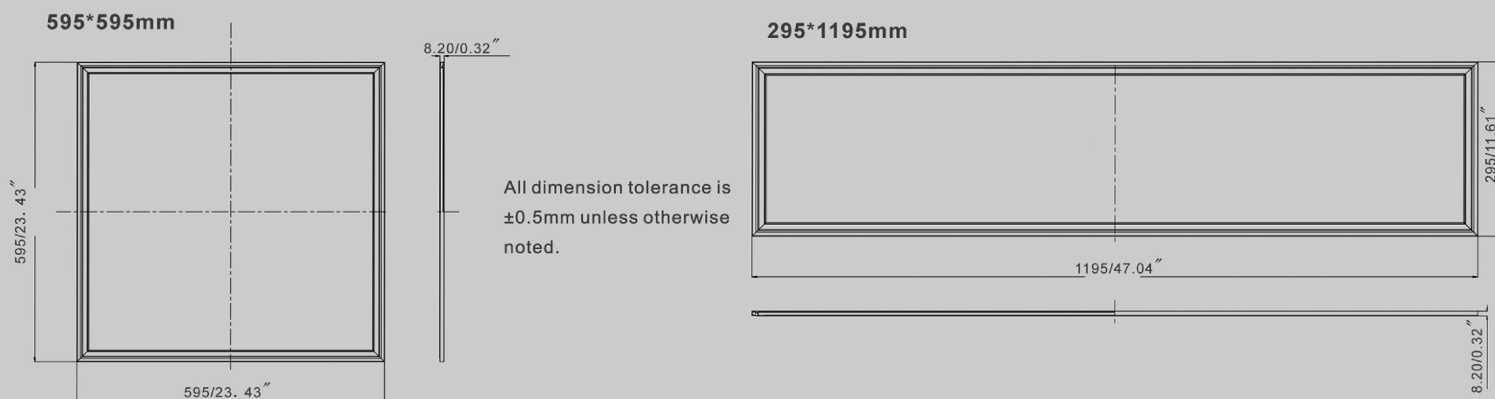
595*595mm



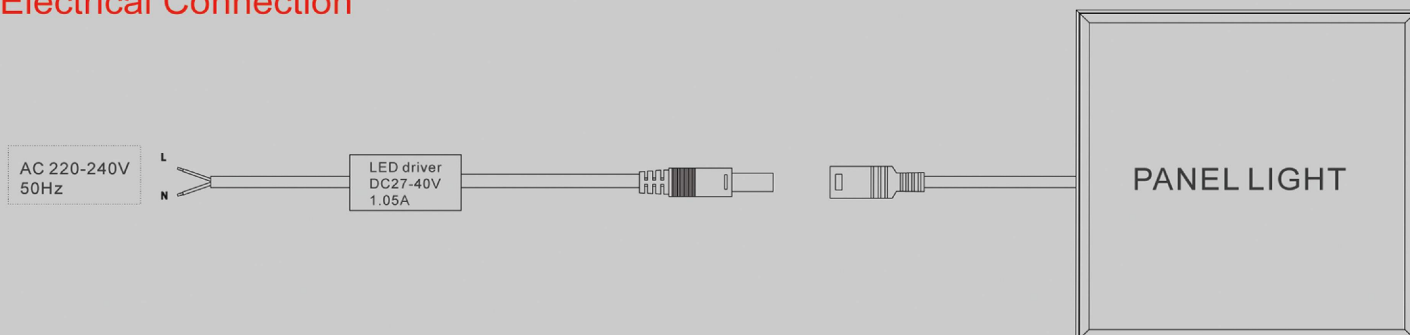
295*1195mm



Dimensions (Unit: mm)



Electrical Connection



Specifications and features

- Ultra flat design 8.2mm thick
- Infinitely dimmable (requires dimmable LED constant current power supply as an option)
- Supplied with power supply featuring:
 - Short circuit protection - Overload protection
 - Over temperature protection
- Homogenous light distribution
- Dimensions: 595x595x8.2mm & 295x1195x8.2mm
- Frame: Aluminum, Powder coated white finish
- To improve efficiency: Operated via constant current power supply
- The LED panels are supplied with power supply
- The LED panels are not suitable for damp locations
- High efficiency LED panels with UGR<19

Product packaging

600x600

1. Net weight: 2.8kg per piece
2. Light individual box size: 685x635x46mm
3. Master box contains 5 pieces of light
4. Master box lamps net weight: 12.7kg
4. Master box gross weight: 14.7kg
5. Master box packing size: 650x285x715mm

300x1200

1. Net weight: 2.9kg per piece
2. Light individual box size: 1235x380x46mm
3. Master box contains 5 pieces of light
4. Master box lamps net weight: 13kg
4. Master box gross weight: 15.5kg
5. Master box packing size: 1250x285x415mm

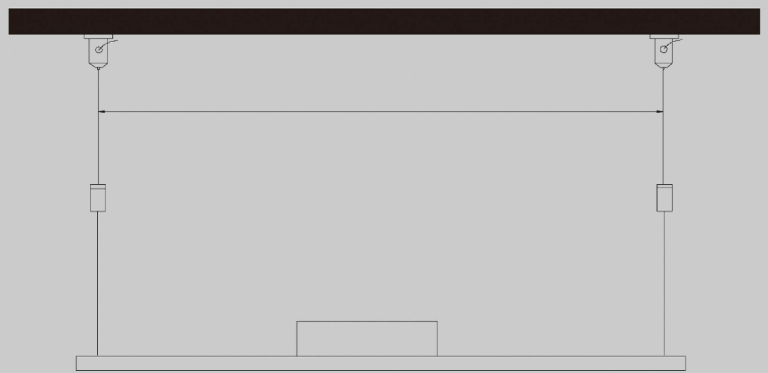
Applications

Suitable for hotels, conference rooms, factories, offices, commercial purposes, institution buildings, schools, colleges, universities, hospitals and other places which needs energy saving and high color rendering index lighting.

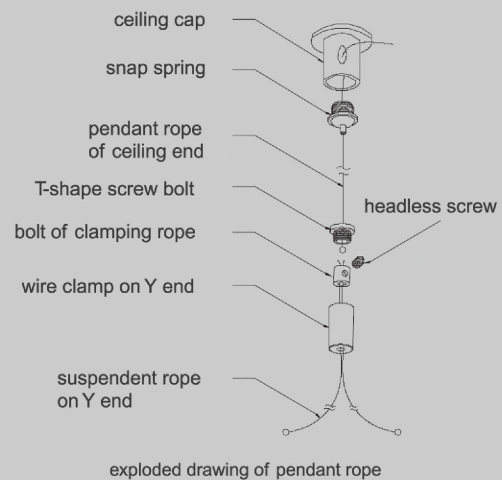


Installation options

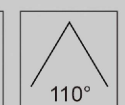
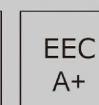
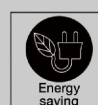
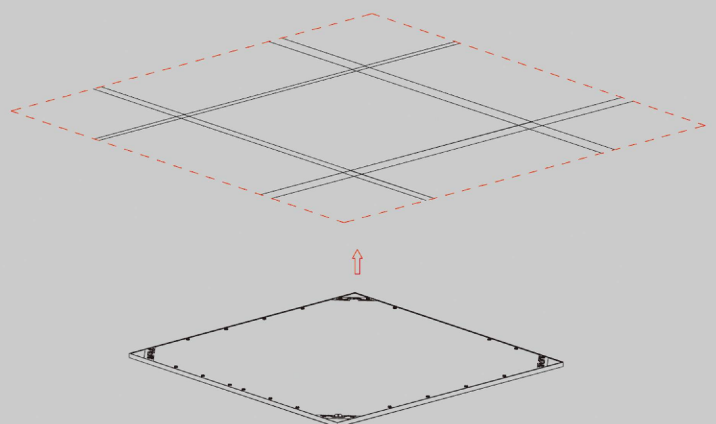
Suspended



Suspended Installation accessories



Surface Mounted



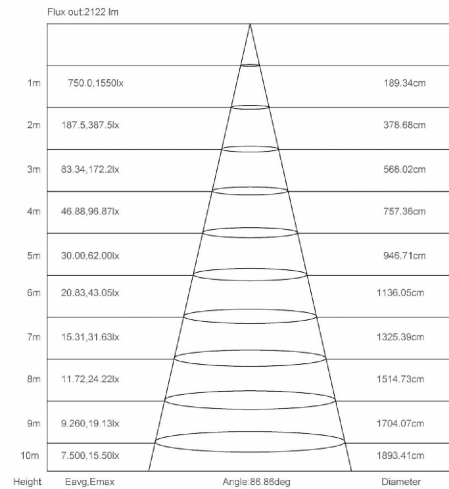
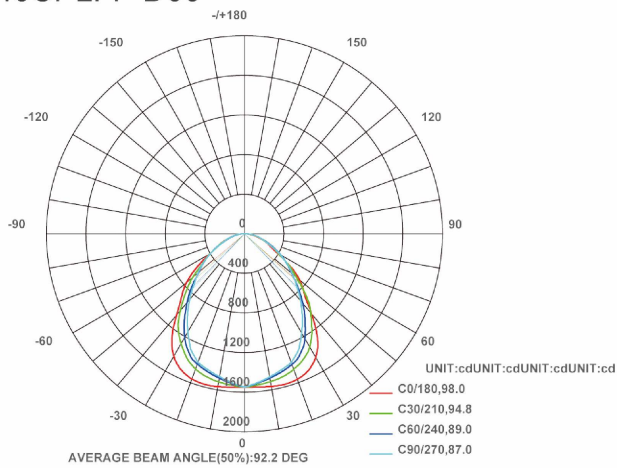
LED Panel Light

Model	CCT	LED Type	Lumen(lm) (±10%)	Power(W) (± 10%)	Length (mm)	Voltage (V)
LU040CPLFF-D60	5700-6500K	4014	3790 lm	40W	595*595	AC 220-240V 50Hz
LU040WPLFF-D60	3700-4500K		3780 lm	40W	595*595	
LU040DPLFF-D60	2700-3200K		3490 lm	40W	595*595	
LU040CPLFF-D12	5700-6500K	4014	3790 lm	40W	295*1195	AC 220-240V 50Hz
LU040WPLFF-D12	3700-4500K		3720 lm	40W	295*1195	
LU040DPLFF-D12	2700-3200K		3345 lm	40W	295*1195	

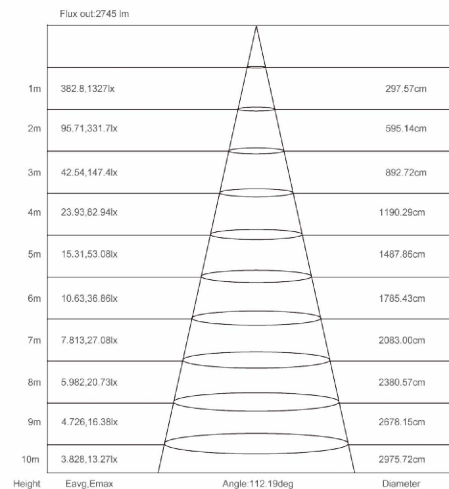
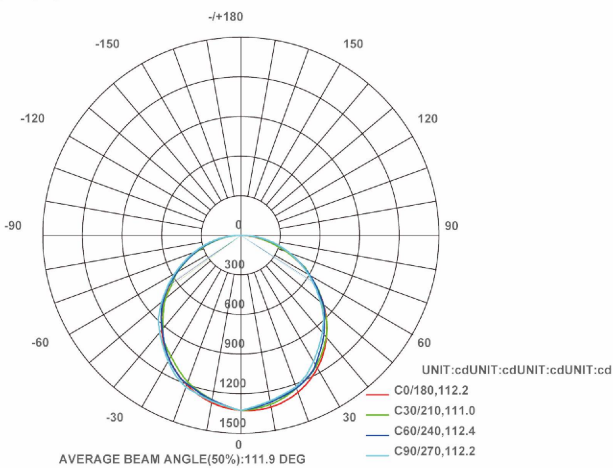
Beam angle	PF	CRI	IP	Lifespan	Reflector
110°	>0.95	>90	IP44	50000hrs	Opal PMMA

Luminous Intensity Distribution Diagrams

LU040CPLFF-D60



LU040CPLFF-D12



Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.