



Introduction

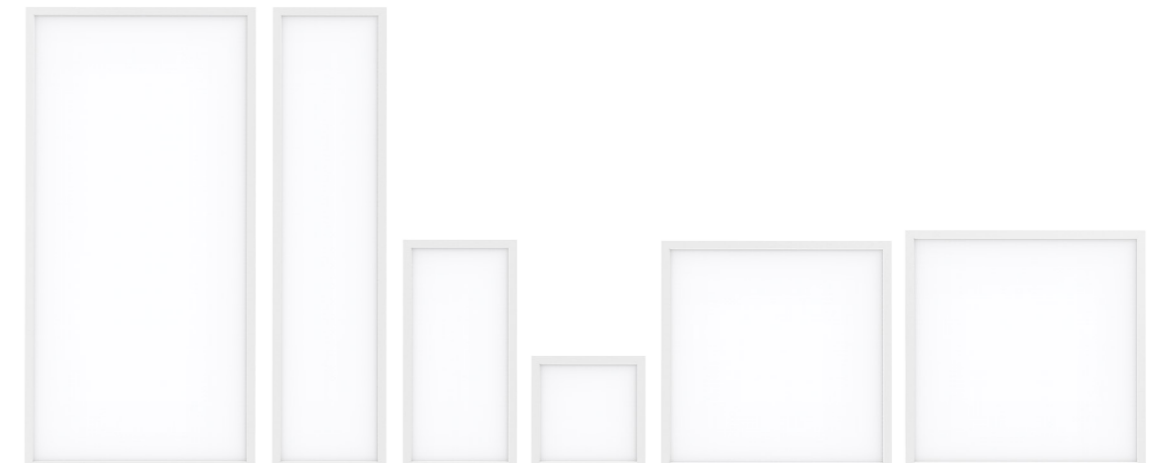
Our new panel light solution has a stronger frame structure; PMMA LGP produce uniform light and high lumen output; Adopts high lumen SMD with CRI>80; Triac dim, 0-10V dimmable, DALI dimmable all available; It can fits seamlessly into any work place, available in various installation ways: recessed, suspended and surface mounted.

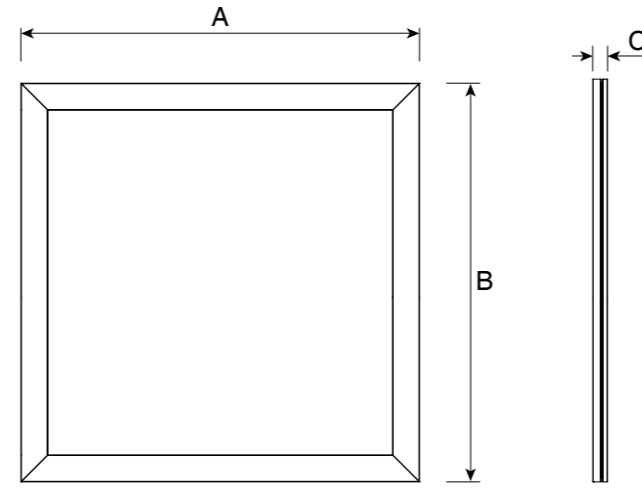
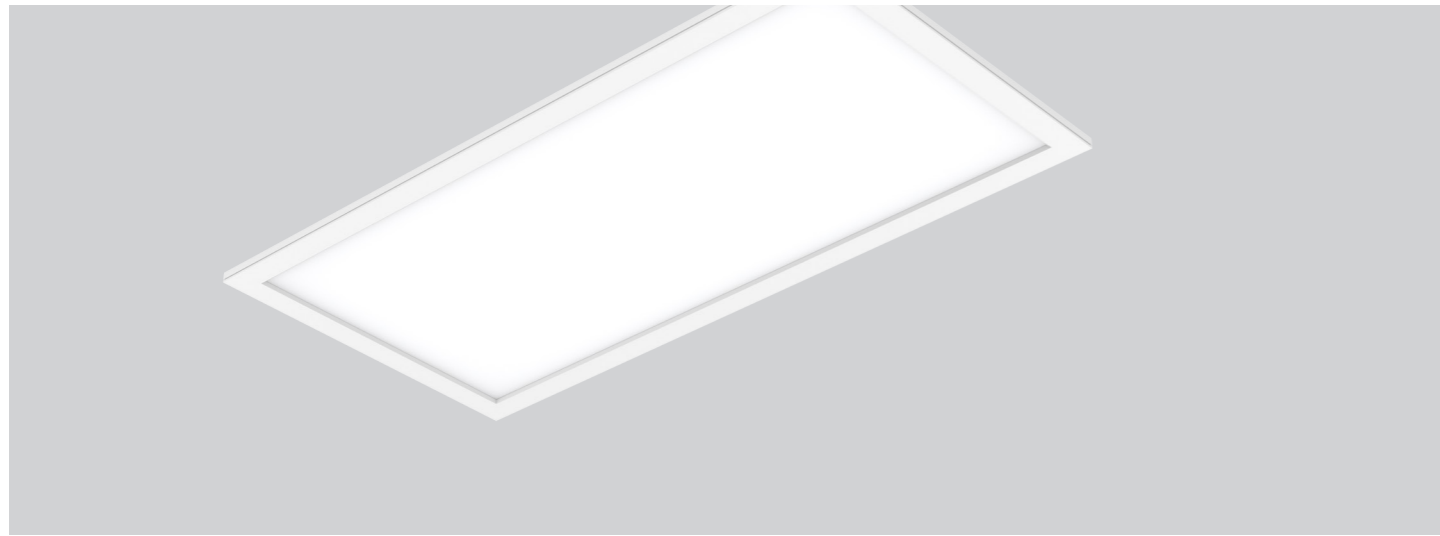
Features

- PMMA LGP produce uniform and comfortable light.
- Stronger structure: thickness of the frame is 9mm.
- 100lm/w luminous flux.
- 120° beam angle.
- Top branded drivers optional.
- Anti-glare design, ugr<19.

Application Areas

Office & school lighting: office room, meeting room, class room etc. Commercial lighting: shopping mall, super market, retailer shops etc. Other situations: hospital, laboratory, dust-free workshop etc.





Technical Data Sheet

Model No.	LT3030-18W-CB	LT060-20W-CB	LT6060-33W-CB	LT6060-42W-CB	LT6262-33W-CB	LT6262-42W-CB	LT30120-33W-CB	LT30120-42W-CB	LT0120-60W-CB		
Dimension(mm)	295*295*9	595*295*9	595*595*9		620*620*9		1195*295*9		1195*595*9		
Cutout (mm)	-	-	-	-	-	-	-	-	-		
Watt(W)	18W	20W	33W	42W	33W	42W	33W	42W	60W		
Rated Input Voltage(V)	AC230V										
Input Voltage(V)	AC220-240V										
LED Module Input	-										
Light Source	SMD										
SDCM	<6										
CCT(K)	1CCT: 3000K / 4000K / 5000K / 5700K 3CCT: 3000K+4000K+5700K										
CCT Selection DIP Switch	Yes										
Luminous Flux (lm) ±5%	Non-DIM	1-CCT	1550~1680	1750~2000	2900~3300	3950~4450	3030~3350	4080~4520	2900~3250	3920~4400	5620~6400
			1505~1620	1695~1940	2835~3240	3875~4385	2960~3285	4005~4450	2810~3205	3865~4225	5545~6335
	Non-DIM	3-CCT	1295~1640	1680~1950	2810~3390	3800~4510	2845~3410	3935~4610	2740~3295	3830~4480	5495~6440
			1250~1600	1625~1885	2745~3320	3705~4420	2775~3330	3805~4515	2675~3180	3740~4400	5400~6375
CRI	≥80										
Beam Angle (°)	120°										
UGR	UGR<22(UGR<19 for option)										
LED Driver	Built-out										
Dimming Option	Triac / DALI / 0-10V										
Sensor	-										
Emergency Kits	-										
Electrical Class	Class II										
Ingress Protection (IP Rating)	IP40										
Impact Resistance (IK Rating)	-										
Product Finishing(Base)	White RAL 9016										
Materials of Optics	PMMA(LGP)+PP										
Materials of Housing	PP (Diffuser plate) / Aluminium (Frame)										
Lifetime (hr)	40,000h										
Glow wire test (°C)	-										
Operating Temp. (°C)	-20°C ~45°C										
Storage Temp. (°C)	-20°C ~65°C										
Installation	Surface mount / Pendant / Recessed										

Measurement

Model	Dimension(mm)			Size(mm)	Product Weight (Kg)		Package weight (Kg)		Carton Size(cm)	Qty/CTN	20GP (pcs)	40HQ (pcs)
	A	B	C		N.W/PC	G.W/PC	N.W/CTN	G.W/CTN				
3030	295	295	9	295*295*9	0.85	1.15	4.25	6.25	35.5*33*43.5	5	2670	6520
3060	595	295	9	595*295*9	1.35	1.7	6.75	9.15	71.5*33*38.5	5	1500	3650
30120	1195	295	9	1195*295*9	2.4	3.1	12	16.2	130*22.5*36	5	1300	3200
6060	595	595	9	595*595*9	2.35	2.95	11.75	15.45	66*22.5*71	5	1300	3200
6262	620	620	9	620*620*9	2.55	3.2	12.75	16.75	68.5*25*74.5	5	1050	2600
60120	1195	595	9	1195*595*9	5.3	6.45	10.6	14.35	131*14.5*69	2	420	1020

Driver Datasheet (Non-Dimmable)

Total load wattage		18W	20W	33W	42W	60W
Output	Output Voltage range	DC25-42V	DC25-40V	DC25-42V	DC25-40V	DC27-42V
	Rated output current	450mA	500mA	800mA	1050mA	1500mA
	Line Regulation	±5%				
	Setup, Rise Time	<0.5S				
	Flickering Index	-				
Input	Input Voltage	AC230V				
	Rated Input Voltage(V)	AC220-240V				
	Frequency	50/60Hz				
	Input Current	≤0.17A	≤0.17A	≤0.23A	≤0.27A	≤0.3A
	Rated Input Current	0.14A	0.14A	0.2A	0.24A	0.27A
	Power Factor	0.9				
	THD	<20% @ 230V				
	Efficiency	≥86%				
	No load wattage	<1W				
Protection	Short circuit protection	Pass				
	Over voltage protection	Pass				
	Over temperature protection	Pass				
Safety & EMC	Withstand voltage	I/P-O/P:3.75KVac, <5mA 60S				
	Isolation Resistance	I/P-O/P: 500VDC, ≥100M Ω				
	Inrush Current	IEC61000-4-5(L-N:1KV, L/N-PG:2KV)				
	EMC Emission	EN55015, EN61000-3-2				
EMC Immunity	EN61000-4-2,3,4,5,6,8,11; EN61547					

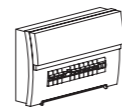
Driver Datasheet (Triac Dimmable)

Total load wattage		18W	20W	33W	42W
Output	Output Voltage range	DC23-40V	DC23-40V	DC23-40V	DC23-40V
	Rated output current	430mA	500mA	800mA	1050mA
	Line Regulation	±5%			
	Setup, Rise Time	<1S			
	Flickering Index	<10%			
Input	Input Voltage	AC230V			
	Rated Input Voltage(V)	AC200-240V			
	Frequency	50Hz			
	Input Current	≤0.13A	≤0.15A	≤0.19A	≤0.24A
	Rated Input Current	0.1A	0.12A	0.16A	0.21A
	Power Factor	0.9			
	THD	<20% @ 230V			
	Efficiency	≥86%			
	No load wattage	<1W			
	Protection	Short circuit protection	Pass		
Over voltage protection		Pass			
Over temperature protection		Pass			
Safety &EMC	Withstand voltage	I/P-O/P:3.75KVac,<5mA 60S			
	Isolation Resistance	I/P-O/P: 500VDC, ≥100M Ω			
	Inrush Current	IEC61000-4-5(L-N:1KV, L/N-PG:2KV)			
	EMC Emission	EN55015, EN61000-3-2			
	EMC Immunity	EN61000-4-2,3,4,5,6,8,11; EN61547			

Installation Procedure

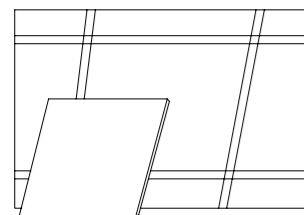
WARNING ⚡

1. Switch off before installation / maintenance.
2. Switch on only after complete installation and examination of the circuit.
3. Professional electrician for installation and maintenance only.

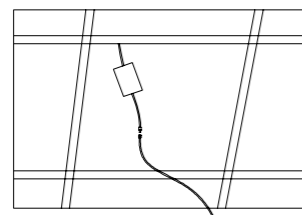


Turn Off power supply before starting any installation. Read instructions & check you have all the tools & accessories to complete the installation correctly.

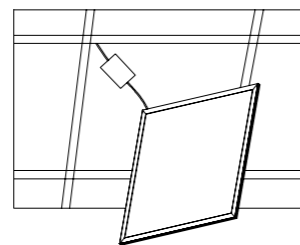
Recessed into ceiling



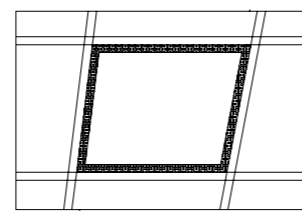
1. Remove ceiling plaster slab



2. Connect power supply

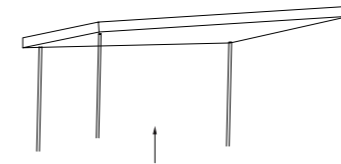


3. Fix the panel light into right place

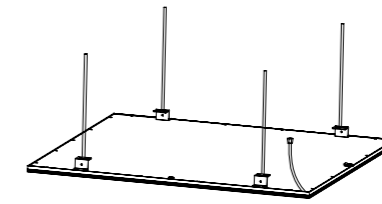


4. Stabilize the panel

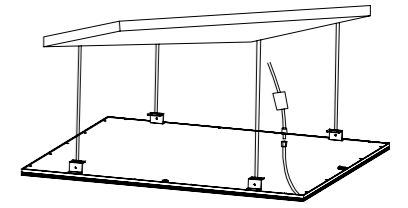
Suspended



1. A. Fix the anchor into target place on the ceiling
B. Fix the installation mount on the ceiling with plastic anchor

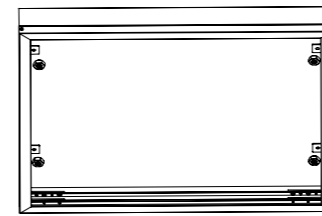


2. Hang the panel to ceiling with suspended installation kits

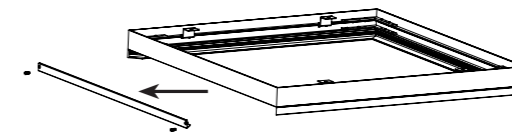


3. Adjust the length of steel wire. Connect the power supply

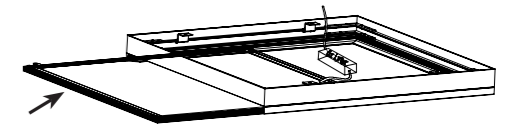
Surface mounted



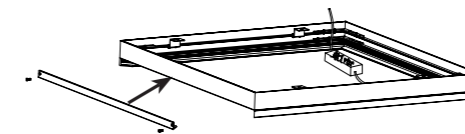
1. Fix the frame on the ceiling with screw



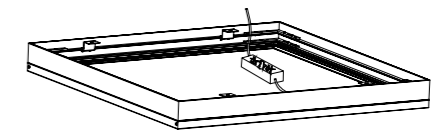
2. Pull down the side frame



3. Push the panel into the frame, connect the driver



4. Install the side frame



5. Turn on the power switch, finish the installation