

# LED PANEL LIGHT

PL-CB

**luzon**  
lighting™

# Introduction



◀ PL-CB is a new panel light solution with stronger frame structure; PMMA LGP produce uniform light and high lumen output; Adopts high lumen SMD with CRI>80; It can fits seamlessly into any work place, available in various installation ways: recessed, suspended and surface mounted.

## Features

1. PMMA LGP produce uniform and comfortable light.
2. Stronger structure: thickness of the frame is 9mm.
3. 100lm/w luminous flux.
4. 120° beam angle.
5. Top branded drivers optional.

## 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.



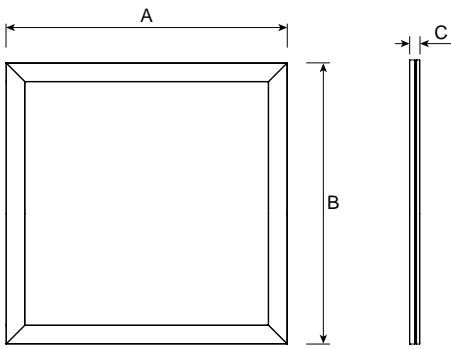
6060



6262



30120



## 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				
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

## Technical Data Sheet

Model No.	PL6060-25W-CB		PL6262-25W-CB		PL30120-25W-CB	
Watt(W)	25W		25W		25W	
Dimension(mm)	595*595*9		620*620*9		1195*295*9	
Rated Input Voltage(V)	AC230V					
Input Voltage(V)	AC220-240V					
LED	SMD					
SDCM	<6					
CCT(K)	1-CCT: 3000K / 4000K / 5000K / 5700K					
"Luminous Flux (lm) ±5%	1-CCT	Non-DIM	3000~3250	3000~3250	3000~3250	
CRI	≥80					
Beam Angle (°)	120°					
UGR	-					
LED Driver	Built-out					
DIM	/					
Protection Class	Class II					
IP Rating	IP40					
IK Rating	IK06					
Finishing color	White RAL 9016					
Material	PS / Aluminium					
Lifetime (hr)	40,000h					
Glow wire test (°C)	650°C					
Operating Temp.(°C)	-20°C ~45°C					
Storage Temp.(°C)	-20°C ~65°C					
Installation	Pendant / Recessed / Surface mounted					
Brand Driver option	-					

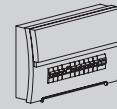
## Driver Datasheet ( Non-Dimmable)

Power	25W
Rated Input Voltage(V)	AC230VV
Frequency	50/60Hz
Input Voltage	AC220-240V
Efficiency	86%
Total load wattage	25W±5%
Power Factor	0.9
Rated Input Current	0.14A
Full load output voltage	DC25-40V
Rated output curent	650mA
Output current range	650mA±5%
Power tolerance	±5%
Current output tolerance	±5%
Short circuit protection	PASS
Over voltage protection	PASS
Over temperature protection	PASS
THD	<20% @ 230VAC
Surge	L-N 0.5KV
Withstand voltage	AC3750V

# Installation Procedure

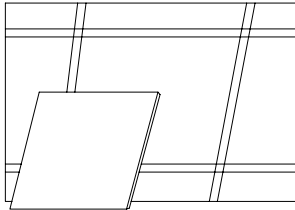
## WARNING

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

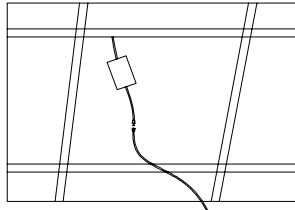


Turn Off power supply before starting any installation. Read instructions & check you have all the tools & accessories to complete the installation correctly.

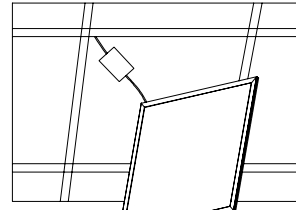
### Recessed into ceiling



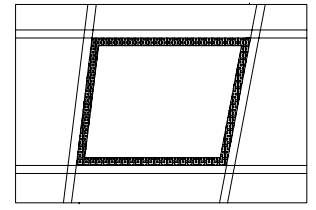
1. Remove ceiling plaster slab



2. Connect power supply

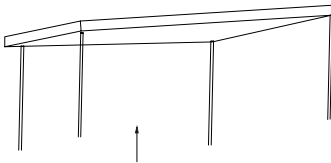


3. Fix the panel light into right place

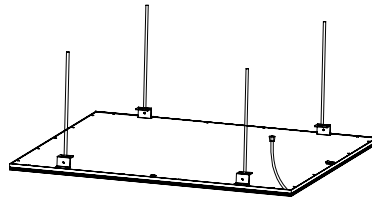


4. Stabilize the panel

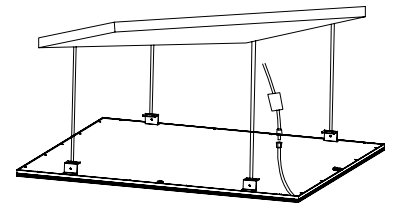
### Suspended



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

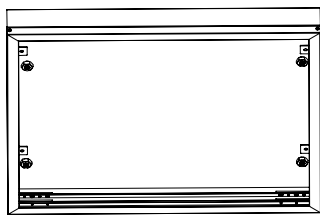


2. Hang the panel to ceiling with suspended installation kits

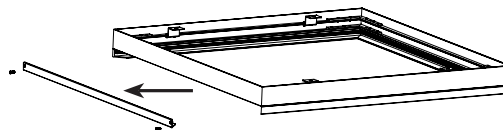


3. Adjust the length of steel wire. Connect the power supply

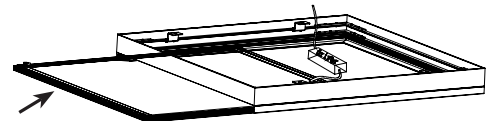
### Surface mounted



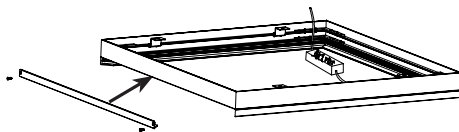
1. Fix the frame on the ceiling with screw



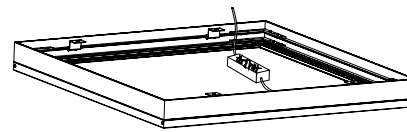
2. Pull down the side frame



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



4. Install the side frame



5. Turn on the power switch, finish the installation