

LED PANEL LIGHT
PL-CD

luzon
lighting™

Introduction



▶ PL-CD panel light adopts high lumen LED chips with CRI>80, special frame design provides excellent thermal management. Recessed installation with clips makes it suitable for more kinds of ceiling.

Features

1. High lumen with 100lm/W.
2. Wide beam angle 120°.
3. Large heat dissipation area.
4. Recessed installation.

Application Areas

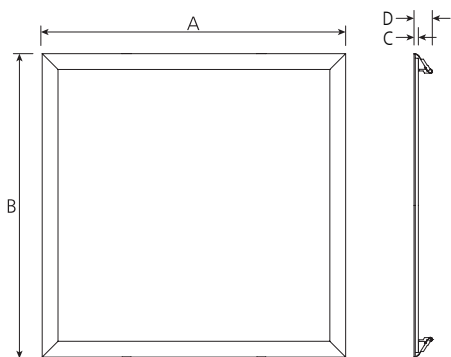
Office & school lighting: office room, meeting room, class room etc. Commercial lighting: shopping mall, super market, retailer shops etc. Other applications: hospital, laboratory, dust-free workshop etc.



6060



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	D		N.W/PC	G.W/PC	N.W/CTN	G.W/CTN				
6060	595	595	8.5	35.5	595*595*35.5	2.35	3.05	11.75	15.25	66.5*32*71	5	930	1875
30120	1195	295	8.5	35.5	1195*295*35.5	2.4	3.15	12	15.75	130*32*37	5	900	2100

Technical Data Sheet

Model No.		PL6060-33W-CD	PL30120-33W-CD	
Watt(W)		33W	33W	
Dimension(mm)		595*595*35.5	1195*295*35.5	
Cutout (mm)		585*585	285*1185	
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	3080~3460	3010~3400
		DIM	2945~3310	2905~3270
CRI		≥80		
Beam Angle (°)		120°		
UGR		—		
LED Driver		Built-out		
DIM		Triac		
Protection Class		Class II		
IP Rating		IP40		
IK Rating		IK06		
Finishing color		White RAL 9016		
Material		PC / Aluminum		
Lifetime (hr)		40,000h		
Glow wire test (°C)		750°C		
Operating Temp.(°C)		-20°C ~45°C		
Storage Temp.(°C)		-20°C ~65°C		
Installation		Recessed		
Brand Driver option		Philips, Tridonic, Meanwell		

Driver Datasheet (Non-Dimmable)

Power	33W
Rated Input Voltage(V)	AC230VV
Frequency	50/60Hz
Input Voltage	AC220-240V
Efficiency	86%
Total load wattage	33W±5%
Power Factor	0.9
Rated Input Current	0.19A
Full load output voltage	DC28-40V
Rated output curent	850mA
Output current range	850mA±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 1KV
Withstand voltage	AC3750V

Driver Datasheet (Triac Dimmable)

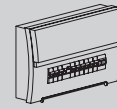
Power	33W
Rated Input Voltage(V)	AC230V
Frequency	50Hz
Input Voltage	AC200-240V
Efficiency	86%
Total load wattage	33W±5%
Power Factor	0.9
Rated Input Current	0.19A
Full load output voltage	DC23-40V
Rated output curent	800mA
Output current range	800mA±5%
Power tolerance	±5%
Current output tolerance	±5%
Dimming Range	8%~100%
Short circuit protection	PASS
Over voltage protection	PASS
Over temperature protection	PASS
THD	<20% @ 230VAC
Surge	L-N 1KV
Withstand voltage	AC3750V

Note: DALI & 0-10V driver specification, please refer to individual driver datasheet.

Installation Procedure

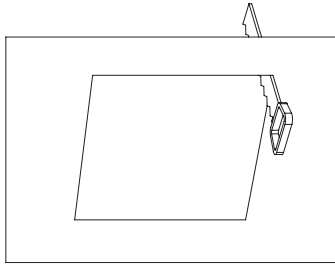
WARNING ⚡

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.



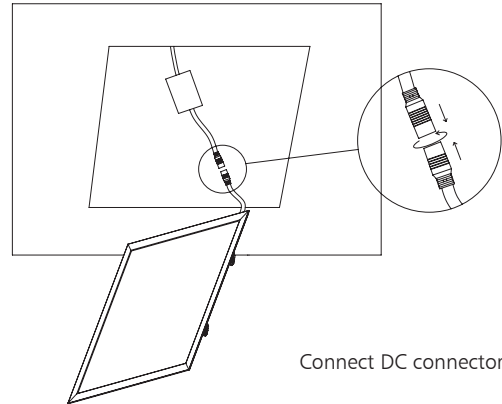
Turn Off power supply before starting any installation. Read instructions & check you have all the tools & accessories to complete the installation correctly.

Step 1



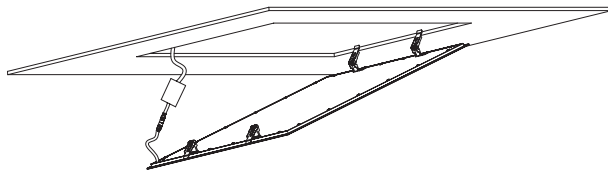
Ceiling opening.

Step 2



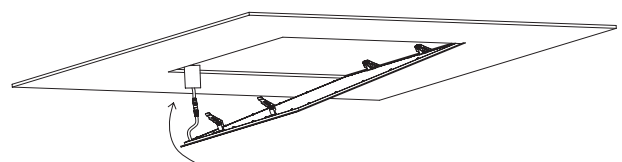
Connect DC connector.

Step 3



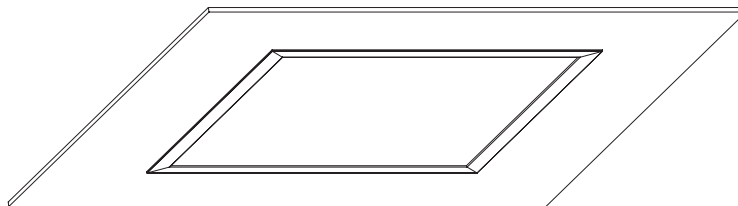
Fasten one side of clips with the ceiling.

Step 4



Fasten the other side of clips.

Step 5



Turn on the power, installation completed.