

LED PANEL LIGHT

PL-W

luzon
lighting™

Introduction



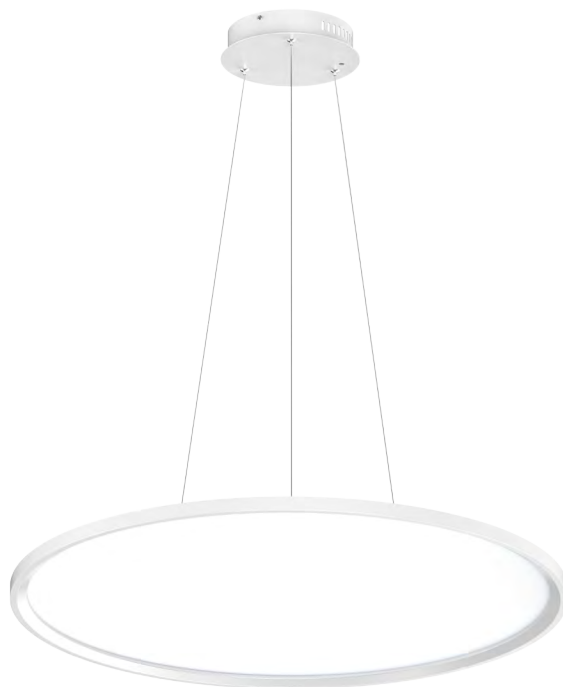
◀ Pendant LED light acts as a decorative light that can be used in many applications. With elegant design, bringing soft lighting effect. Adopt high quality diffuser and light guide plate, with high transmittance rate and uniform light. 780mm and 1000mm diameter big size for multiple application area.

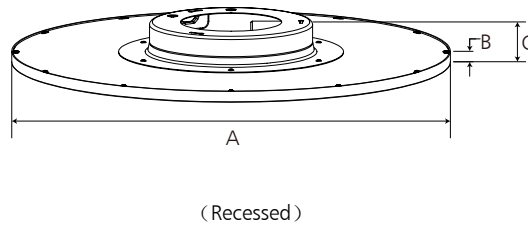
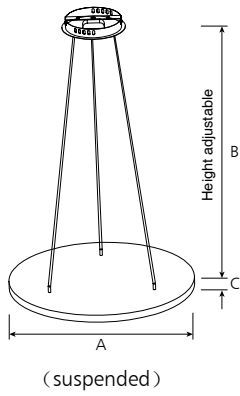
Features

1. Lifud flicker free external driver.
2. IP40 for indoor use only.
3. 120° wide beam angle.
4. Adopt 3T PMMA LGP.

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.





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				
PL8012-W (suspended)	780	800	20	Ø780*20	6.1	7.9	12.2	17.4	105*19*106	2	264	532
PL8012-W (Recessed)	780	20	73	Ø1000*20	6.9	8.6	13.8	17.7	87.5*28*87	2	208	648

Technical Data Sheet

Model No.	PL8012-60W-W		PL8012-80W-W
Watt(W)	60W		80W
Dimension(mm)	Ø780*20		Ø780*20
Rated Input Voltage(V)	AC230V		AC120-264V
Input Voltage(V)	AC220-240V		AC100-277V
LED	SMD		
SDCM	<6		
CCT(K)	1-CCT: 3000K / 4000K / 5000K / 5700K		
"Luminous Flux (lm) ±5%	1-CCT	Non-DIM	5070~5430
		DIM	-
CRI	≥80		
Beam Angle (°)	120°		
LED Driver	Built-out		
DIM	NO		
Protection Class	Class I		
IP Rating	IP40		
Finishing color	White RAL 9016		
Material	PMMA (LGP) / Aluminum (Frame)		
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		
Brand Driver option	Lifud/Surface mounted/Recessed		

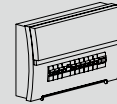
Driver Datasheet (Non-Dimmable)

Power	60W	80W
Rated Input Voltage(V)	AC230V	AC120-264V
Frequency	50/60Hz	50/60Hz
Input Voltage	AC220-240V	AC100-277V
Efficiency	86%	88%
Total load wattage	60W±5%	80W±5%
Power Factor	0.9	0.9
Rated Input Current	0.31A	0.88A
Full load output voltage	DC33-40V	DC25-56V
Rated output current	1500mA	1900mA
Output current range	1500mA±5%	1900mA±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

Installation Procedure

WARNING

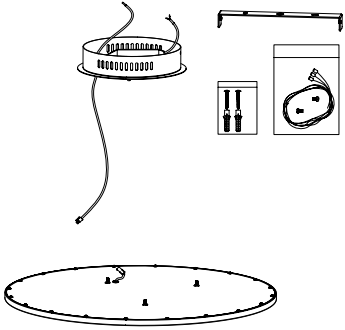
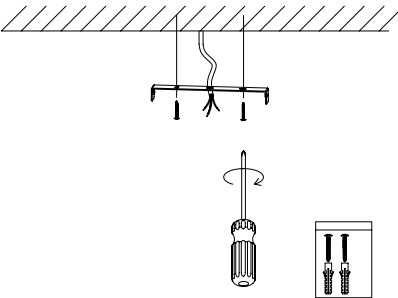
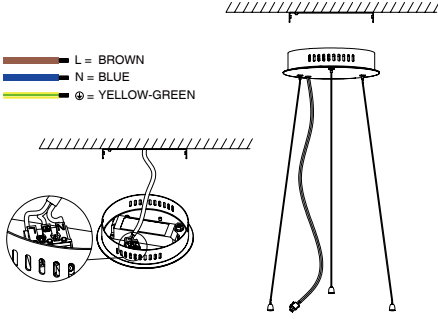
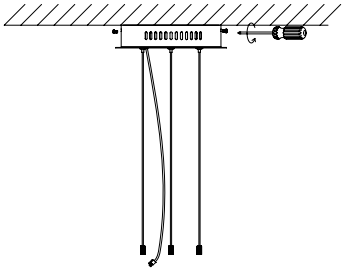
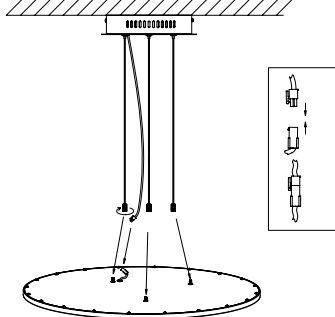
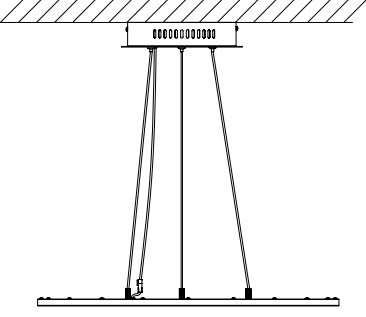
1. Switch off before installation / maintenance.
2. Switch on only after complete installation and examination of the circuit.
3. Professional electrician for installation and maintenance only.



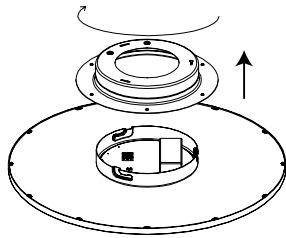
**Turn Off
Power Supply**

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

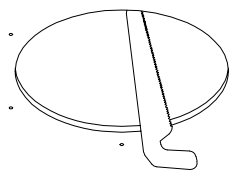
Installation instructions

 <p>1. Unbox panel light and accessory pack.</p>	 <p>2. Switch off, fix bracket into ceiling with screw.</p>	 <p>3. Insert the hanging wire into wall mount bracket, connect wire L/N/E to the main supply respectively.</p>
 <p>4. Fix the wall mount bracket on ceiling by screw.</p>	 <p>5. Hang panel on suspending rope and connect the DC connector</p>	 <p>6. Adjust the length of hanging wire to proper height, Restore the power and switch on.</p>

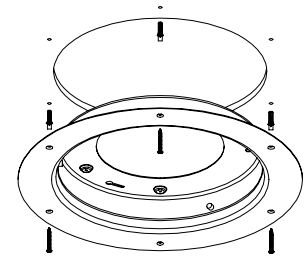
Recessed into ceiling



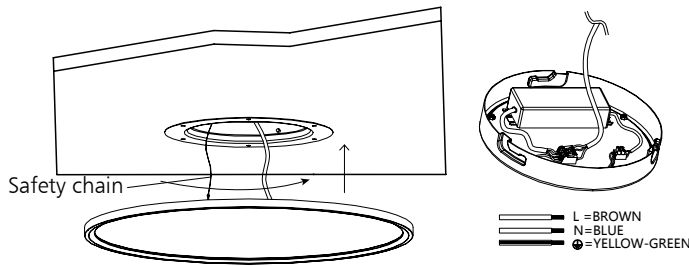
1. Unpack the lamp and accessory pack from the box, rotate the installation bracket and take it out.



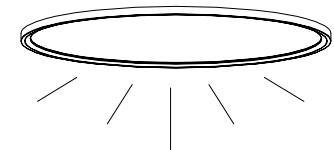
2. Open a 300mm hole, drill the screw holes in needed mounting location.



3. Knock-in the plastic anchor into ceiling. Fix bracket with screw into the ceiling.

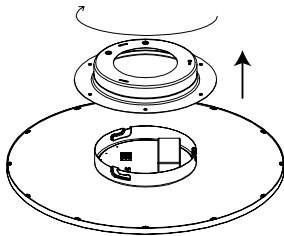


4. Hold the lamp and knock the safety rope, feed the AC wire, then fix the lamp tightly by rotating it.

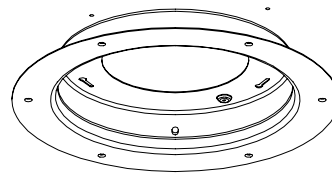


5. Turn on the power, installation completed.

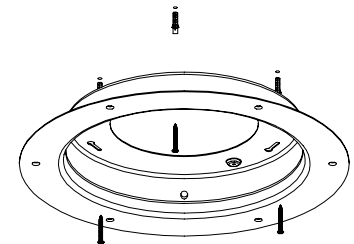
Surface mounted



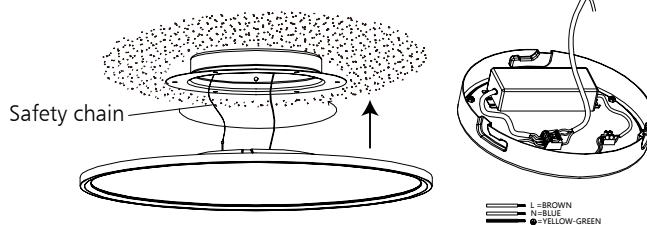
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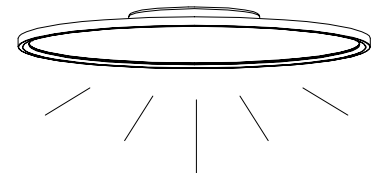
2. Drill the screw holes in needed mounting location.



3. Knock-in the plastic anchor into ceiling. Fix bracket with screw into the ceiling.



4. Hold the lamp and knock the safety rope, feed the AC wire, then fix the lamp tightly by rotating it.



5. Turn on the power, installation completed.