

Led & Led

Leader in Led solutions



SPECIFICATION

LED Panel Light



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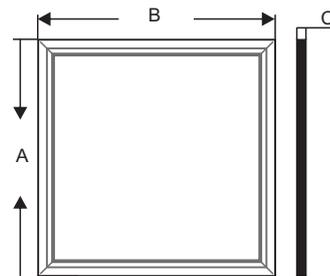
Caution:

- Please read manual before installing panel lights.
- Please install, connect and test panel lights according to your local working voltage range.
- Ensure the power is switched off before installation.
- Please check whether panel lights are broken during shipping or not, broken items cannot be used.
- Please keep packages and small accessories away from kids to avoid hurt by mistakes.
- Please do not watch the luminous surface for a long time, and do not irradiate other peoples eyes by reflected light.
- Do not cover anything on panel lights and keep lights away from fire or high temperature object.
- Drivers are only for panel light using, please do not use them for other lights.
- Panel lights cannot be disassembled or repaired by unprofessional person, ShineLong keep the right to refuse after-sale services for those disassembled or repaired items.
- Panel lights are only suitable for indoor dry environment.

Features

- Complete test equipments include EMC, IES, high voltage test and integrating sphere test, etc.
- Instant start, no flicker, no noise, no UV, no Lead.
- Unique patent design, isolated driver, low constant current drive leds to ensure super long lifespan and low light decay.
- Ultra- thin 11mm, using Mitsubishi LGP, super high light efficacy >80lm/w, save energy up to 70%.
- Edg-lit, no shadow, 6063 aluminum alloy with good heat dissipation.
- THD< 15%, Power Efficiency: ≥0.88
- Application: Office, Hospital, University/School, Show room, Library etc.

Dimension



Length	A		B		C
	Min.mm	Max.mm	Min.mm	Max.mm	Min.mm
295x295	295	296	295	296	11/9
295x1195	295	296	1195	1196	11/9
595x595	595	596	595	596	11/9
620x620	620	621	620	621	11/9
595x1195	595	596	1195	1196	11/9
302x302	302	303	302	303	11/9
302x1211	302	303	1211	1212	11/9
602x602	602	603	602	603	11/9
602x1211	602	603	1211	1212	11/9

Temperature Characteristics T-ambient 25°C

Temperature

Operating: -20 ~ +50°C
Storage: -40 ~ +85°C

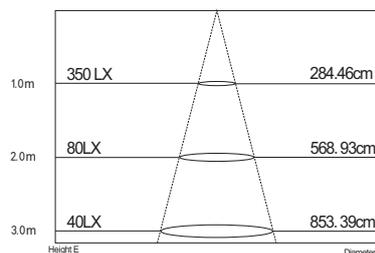


Data Sheet

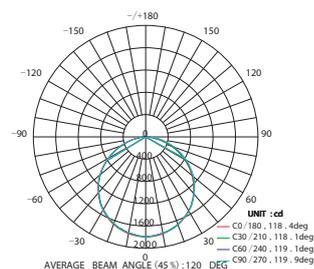
EU standard	US standard	Power	LEDs	Input Voltage	Working	PF	Luminous Flux	Luminous Efficiency	CRI
295*295*9/11	302*302*9/11	12W	72	100-240V/277V	DC34-40V	0.9	900-1100LM	80-90LM/W	80-85
295*295*9/11	302*302*9/11	25W	144	100-240V/277V	DC34-40V	0.92	2000-2300LM	80-90LM/W	80-85
295*595*9/11	/	25W	120	100-240V/277V	DC34-40V	0.92	2000-2300LM	80-90LM/W	80-85
295*1195*9/11	302*1211*9/11	40W	216	100-240V/277V	DC34-40V	0.95	3200-3600LM	80-90LM/W	80-85
595*595*9/11	602*602*9/11	40W	192	100-240V/277V	DC34-40V	0.95	3200-3600LM	80-90LM/W	80-85
595*595*9/11	602*602*9/11	50W	240	100-240V/277V	DC34-40V	0.95	4000-4500LM	80-90LM/W	80-85
595*595*9/11	/	60W	288	100-240V/277V	DC34-40V	0.95	4800-5400LM	80-90LM/W	80-85
620*620*9/11	/	40W	192	100-240V/277V	DC34-40V	0.95	3200-3600LM	80-90LM/W	80-85
620*620*9/11	/	50W	240	100-240V/277V	DC34-40V	0.95	4000-4500LM	80-90LM/W	80-85
620*620*9/11	/	60W	288	100-240V/277V	DC34-40V	0.95	4800-5400LM	80-90LM/W	80-85
595*1195*9/11	602*1211*9/11	60W	312	100-240V/277V	DC34-40V	0.95	4800-5400LM	80-90LM/W	80-85

Optical Parameter

Lux distance curve(lux)



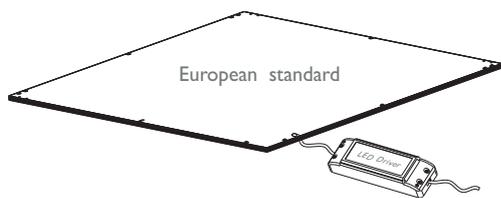
Light Distribution Curve (cd)



	1m	2m	3m
	350Lx	80Lx	40Lx
	650Lx	170Lx	70Lx
	750Lx	190Lx	80Lx
	1400Lx	330Lx	150Lx
	1300Lx	320Lx	140Lx
	1600Lx	400Lx	180Lx
	1800Lx	450Lx	200Lx
	1300Lx	320Lx	140Lx
	1600Lx	400Lx	180Lx
	1900Lx	480Lx	220Lx
	2000Lx	500Lx	220Lx

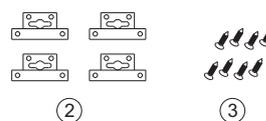
Beam Angle
120
120
120
120
120
120
120
120
120
120
120

Recessed Installation



Standard accessories

1	LED Panel Light	1PCS
2	U-Shape holders	4PCS
3	Fixing screws	8PCS



1. Fix the U-shape holders with LED Panel Light by screws.



2. Put panels down steadily and horizontally.

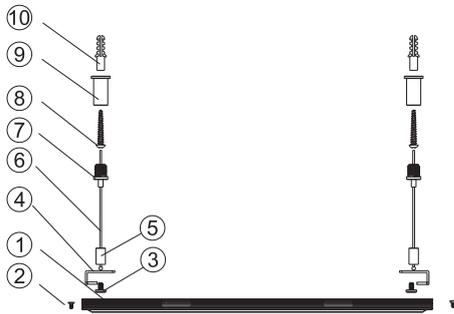


3. Final appearance



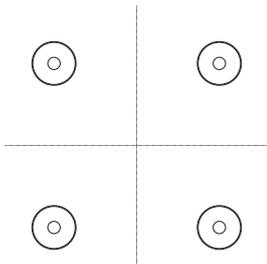
Suspended Installation

I. Spare Parts

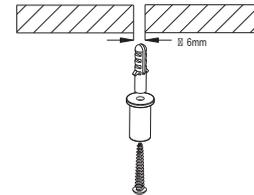


1	LED Panel Light	1PC
2	U-shape fixing screws	8PCS
3	Suspension fixing screws	4PCS
4	U-shape holders	4PCS
5	Suspension fixing nuts	4PCS
6	Suspension wires	4PCS
7	Suspension fixed bushings	4PCS
8	Self-tapping M4 screws	4PCS
9	Panel light fixed bushings	4PCS
10	Slotted plastic screws	4PCS

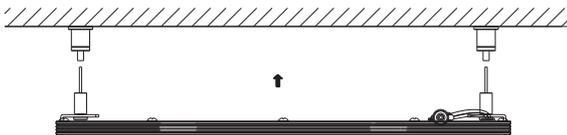
2. Drill ϕ 6mm holes on the roof/wall.



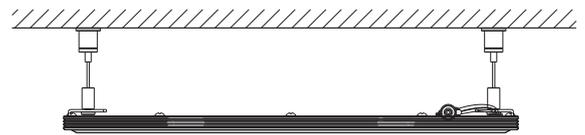
3. Drill ϕ 6mm expansion pipe into the hole, and fix the bracket by M4 screw.



4. Adjust the pipe length.



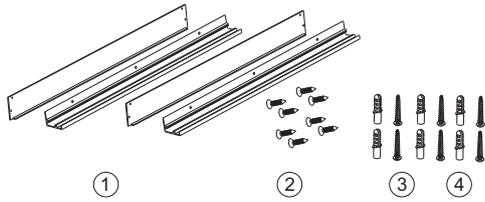
5. Final appearance.



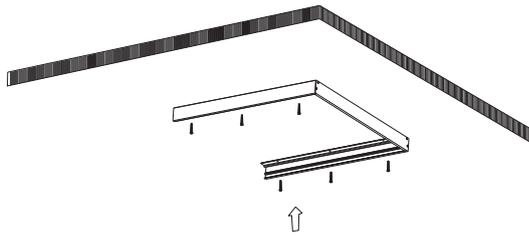
Ceiling mounted Installation

1.Components

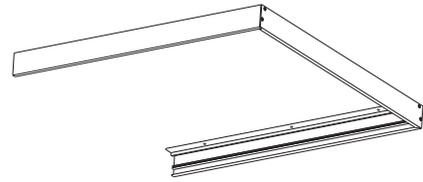
1	LED Panel Light Frame	4PCS
2	Screws M3.5	8PCS
3	Anchor Bolt	6PCS
4	Screws 4x30	6PCS



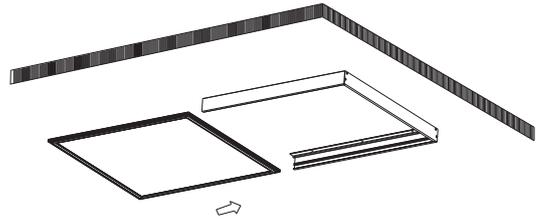
3. Drill the anchor bolts into the ceiling, fixing the frame tightly with 4x30 Screws



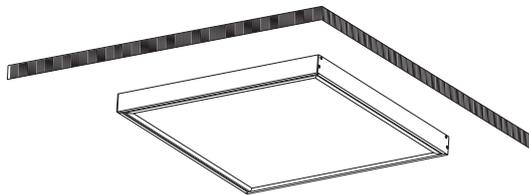
2. Assemble 3 parts of the frame with M3.5 Screws



4. Insert the Panel Light into the frame from side.



5. Final appearance

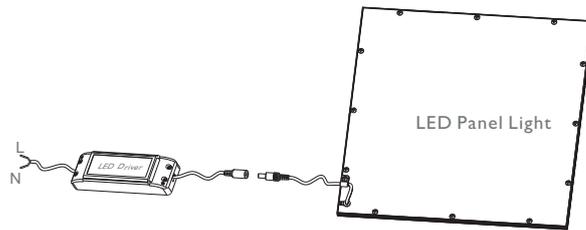


Wiring details

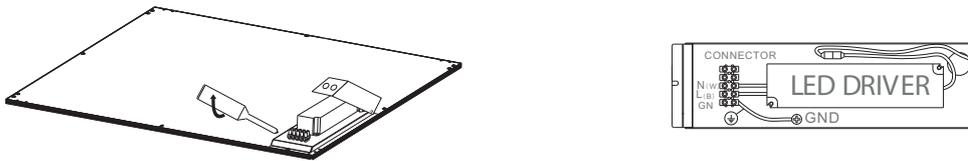
Male and female connectors



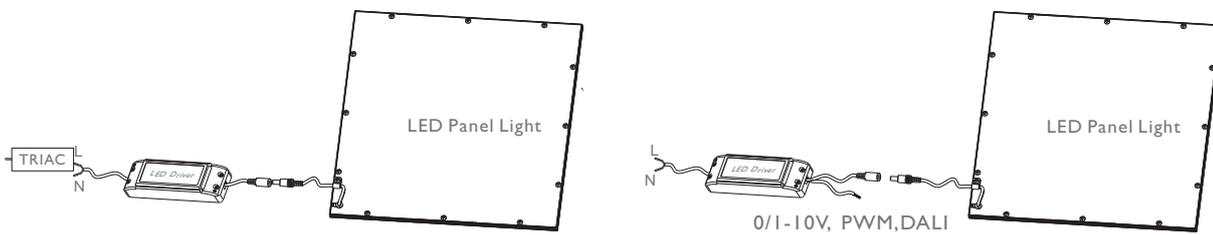
① European Standard Wiring



② US Standard Wiring



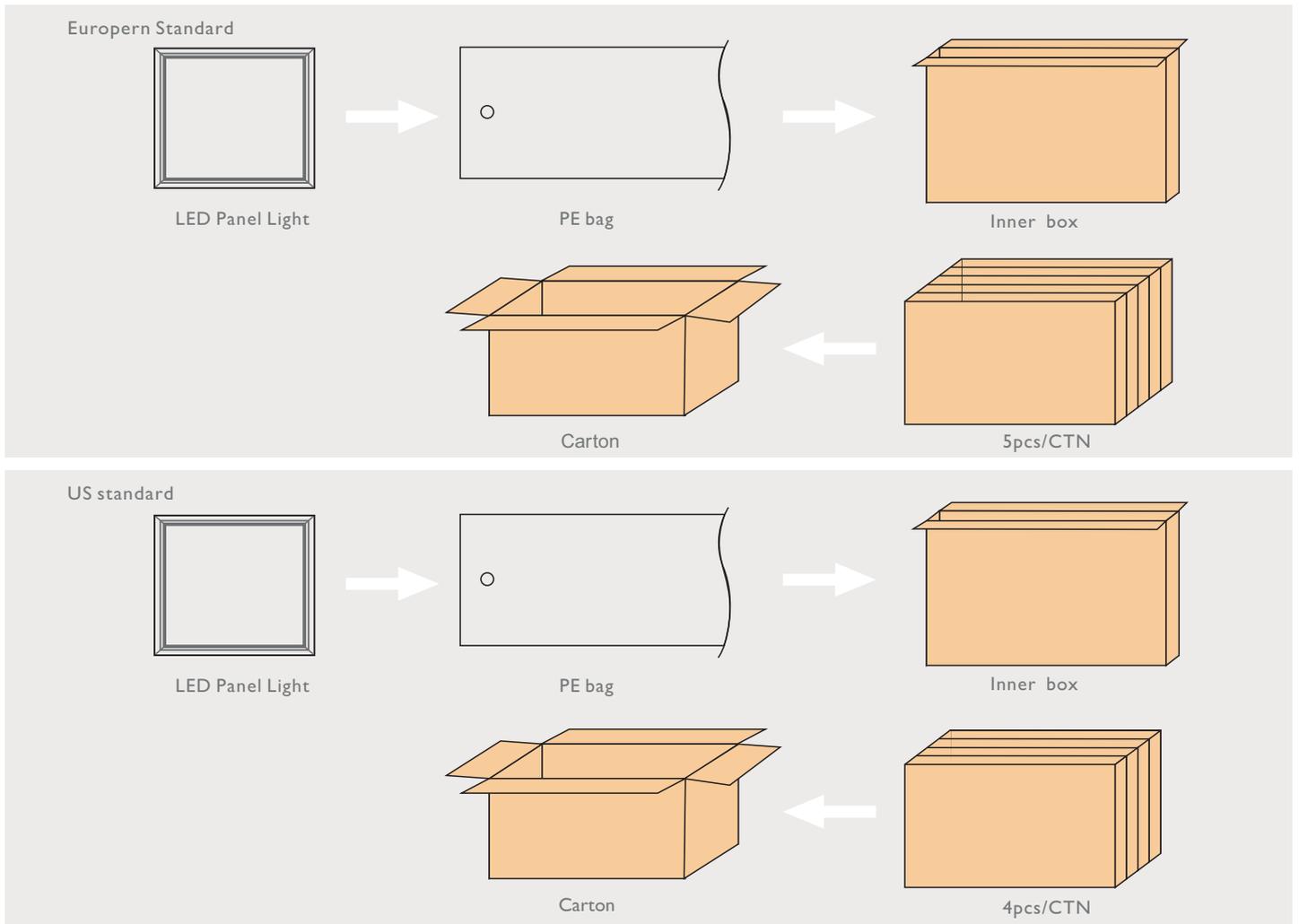
③ Dimming LED Panel Wiring



Available Dimming way

Suggested suitable dimmer brands for TRIAC & DALI dimming way:
Tridonic (European market)
Lutron & Leviton (American market)
Philips Dynalite & Clipsal (Australian market)

Package



Item code	EU standard	US standard	Carton Size	N.W(kg)/CTN	G. W(kg)/CTN
	295*295*9/11	302*302*9/11	435X300X395mm(EU)/375X285X385mm(US)	5 (EU)/5.2(US)	10 (EU)/9.5(US)
	295*295*9/11	302*302*9/11	435X300X395mm(EU)/375X285X385mm(US)	5 (EU)/5.2(US)	10 (EU)/9.5(US)
	295*595*9/11	/	735*300*395mm(EU)	9.5(EU)	10(EU)
	295*1195*9/11	302*1211*9/11	1295X300X435mm(EU)/1285X285X385(US)	18 (EU)/14.6(US)	28.2 (EU)/21.7(US)
	595*595*9/11	602*602*9/11	735X300X695mm(EU)/675X285X685mm(US)	19 (EU)/15.8(US)	27.8 (EU)/20.9(US)
	595*595*9/11	602*602*9/11	735X300X695mm(EU)/675X285X685mm(US)	19 (EU)/15.8(US)	27.8 (EU)/20.9(US)
	595*595*9/11	/	735X300X695mm(EU)/675X285X685mm(US)	19 (EU)	27.8 (EU)
	620*620*9/11	/	755X300X715mm(EU)	20 (EU)	29.3 (EU)
	620*620*9/11	/	755X300X715mm(EU)	20 (EU)	29.3 (EU)
	620*620*9/11	/	755X300X715mm(EU)	20 (EU)	29.3 (EU)
	595*1195*9/11	602*1211*9/11	1295X300X735mm(EU)/1285X285X685mm(US)	35 (EU)/31.5(US)	47.7 (EU)/38.5(US)