

LED Backlit Panel Light

The Cyanlite backlit panel light series is a luminaire with a very slim profile, measuring only 30mm. It is supplied with high energy efficiency to have 100LM/W and 125LM/W and is powered by low constant current driver, which is safe, energy-saving and long-life span. Flicker free, on off as standard; 1-10V and DALI dimming are optional. The aluminum frame is stylish and fashionable, stable, and also with excellent thermal management.

The LED luminaire has no light guide inside, no worry about yellowish problem as edge lit panel light. The product family is especially designed for office, hospital, school, shop, and other open planed location.

Bespoke sizes are available on request.

Features



Product Family



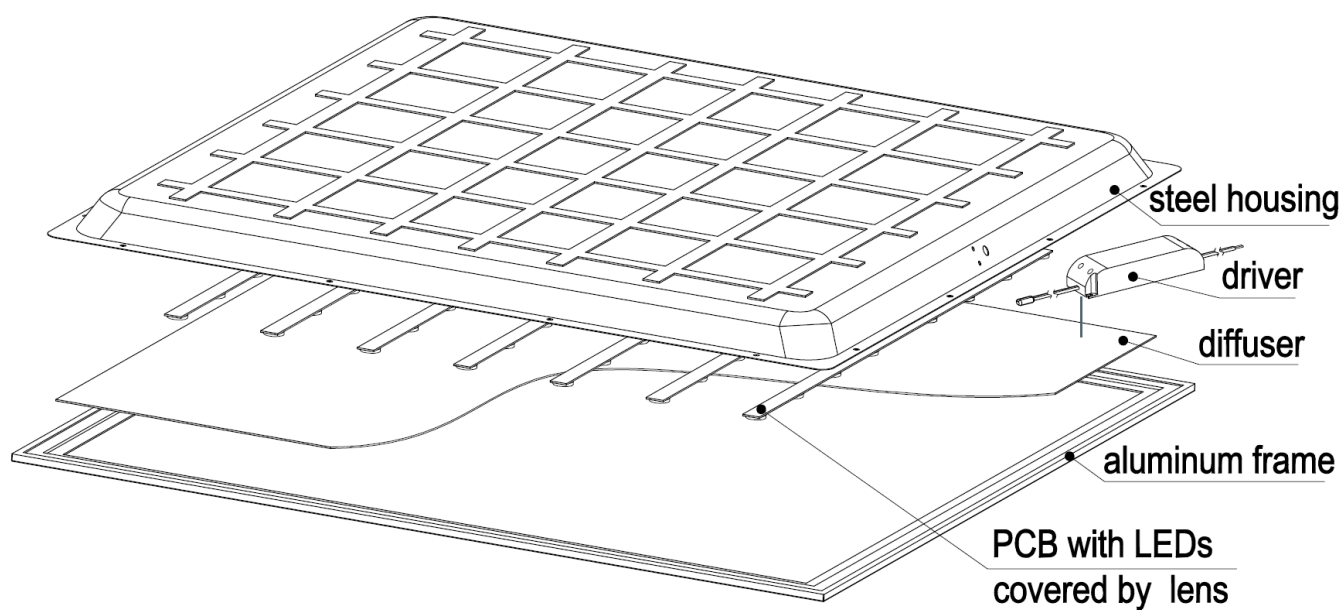
- Stylish and stable frame design
- Up to 100LM/W or 125LM/W
- Uniform and healthy light
- No light guide inside, no yellowish problem
- 5 years warranty

Applications

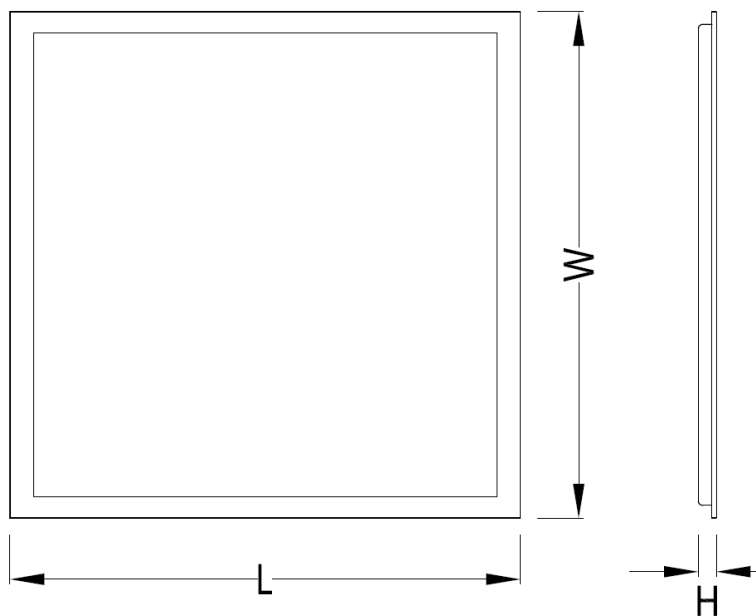
- Office
- Meeting Room
- Hospital
- School
- Shops and Retail
- Hotel
- Restaurant
- Hallway



Detailed Structure

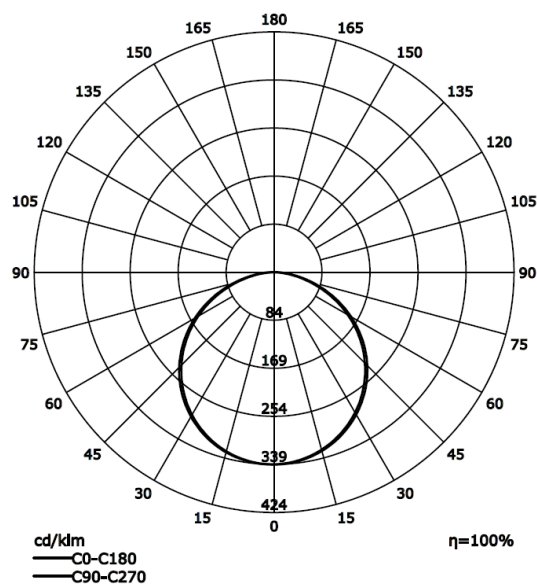


Dimension



Light Distribution

Luminous Intensity Distribution Curve(cd/klm)



	Width (mm)	Length (mm)	Height (mm)
600 x 600 LED backlit Panel	595	595	30
625 x 625 LED backlit Panel	620	620	30
300 x 1200 LED backlit Panel	295	1195	30
600 x 1200 LED backlit Panel	595	1195	30

Technical Data

Model for Grid Type	600 x 600			625 x 625			300 x 1200			600 x 1200	
Dimension	595 x 595 x 30mm			620 x 620 x 30mm			295 x 1195 x 30mm			595 x 1195 x 30mm	
Item No.	PB30W 060P	PB35W 060P	PB40W 060E	PB30W 062P	PB35W 062P	PB40W 062E	PB30W 312P	PB35W 312P	PB40W 312E	PB45W 612P	PB60W 612E
System Power	30W	35W	40W	30W	35W	40W	30W	35W	40W	45W	60W
Working Current	750mA	850mA	950mA	750mA	850mA	950mA	750mA	850mA	950mA	1050mA	1400mA
Working Voltage	36±2V	36±2V	36±2V	36±2V	36±2V	36±2V	36±2V	36±2V	36±2V	36±2V	36±2V
Luminous Flux	3750lm	4375lm	4000lm	3750lm	4375lm	4000lm	3750lm	4375lm	4000lm	5625lm	6000lm
Efficacy	125lm/W	125lm/W	100lm/W	125lm/W	125lm/W	100lm/W	125lm/W	125lm/W	100lm/W	125lm/W	100lm/W
Color Temp.	3000K/3500K/4000K/5000K/6000K										
Lighting Method	Back-lit										
Light Source	SMD2835										
CRI (Ra)	80										
SDCM	<4										
Beam Angel	110°										
UGR	22										
Service Life	L70 (25°C) = 50.000h										
IP Rating	IP20										
Impact Resistance	IK04										
HotWire Resistance	650°C										
Dimmable	On/off as standard; 1-10V and DALI dimmable optional										
Nominal Frequency	50/60Hz										
Power Factor	>0.9										
Input Voltage	220~240V										
Flick Free	Yes										
Housing Color	RAL9016 White										
Housing Material	6063-T5 aluminum for frame; ST14 Steel for Backboard										
Lens Material	Acrylic (PMMA)										
Diffuser Material	Polystyrene (PS)										
Storage Temp.	-40°C~+80°C										
Working Temp.	-20°C~+45°C										
Mount	Recessed, pendant, and surface mounted										
Package	2pcs/gift box, 6pcs/master box										
Warranty	5 years										

According to the International Standard of LED luminaire, here Cyanlite formally claims this product is only allowed to be applied to indoor environment. Meanwhile Cyanlite promises full warranty for the products. Any severe environment application including high/low temperature, high humidity, high salinity, high-ammonia etc. is not permitted without the official confirmation from the manufacturer. If any misapplication happens, the warranty policy is no longer guaranteed. All values are typical values measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

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