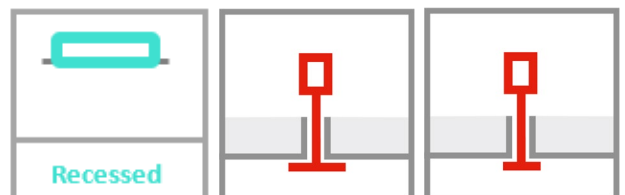


Cyanlite™
Backlite
LED Panel Lights
With
Universal Design

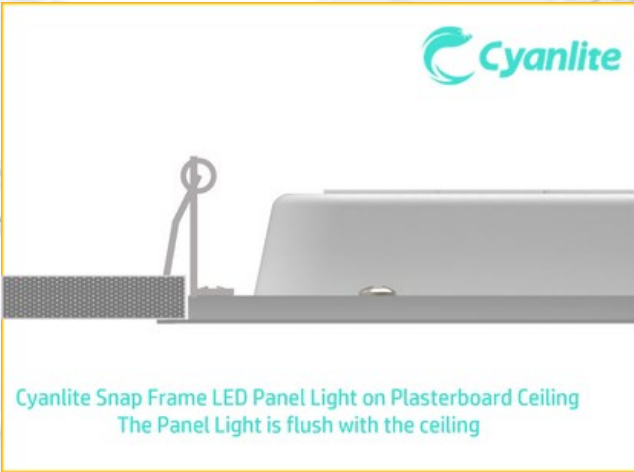




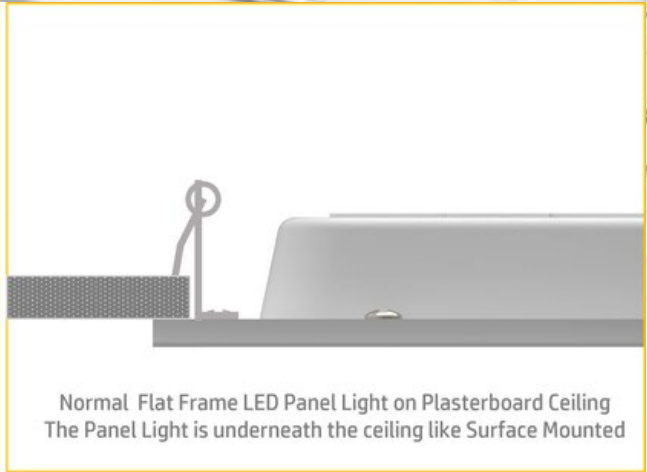
Cyanlite Universal Design
Snap Frame



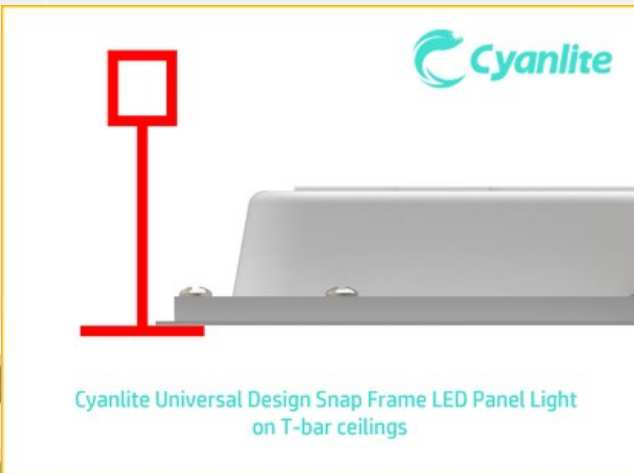
Flat Frame



Cyanlite Snap Frame LED Panel Light on Plasterboard Ceiling
The Panel Light is flush with the ceiling



Normal Flat Frame LED Panel Light on Plasterboard Ceiling
The Panel Light is underneath the ceiling like Surface Mounted



Cyanlite Universal Design Snap Frame LED Panel Light
on T-bar ceilings



Cyanlite Universal Design Snap Frame LED Panel Light
on Gypsum board ceilings



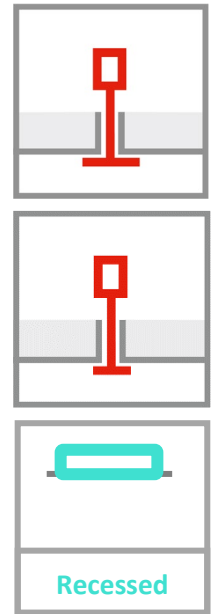
Cyanlite Universal Design Snap Frame LED Panel Light
600x600 Model



Cyanlite Universal Design Snap Frame LED Panel Light
625x625 Model

Model	600x600	625x625
Size (mm)	597x597	620x620
Cut-Out (mm)	585x585	604x604

Cyanlite Backlite LED Panel Lights



Overview

Cyanlite backlit panel light series is a luminaire with a very slim profile, measuring only 25/30mm height. It is supplied with high energy efficiency upto 150lm/W and powered by low constant current driver, which is safe, energy-saving and long-life span. Flicker free, on/off, 1-10V dimming and DALI dimming are optional. The aluminum frame is stylish and fashionable, stable, and also with excellent thermal management. The luminaire has no light guide inside, no yellowing issue and ensures 5-7 years warranty. The changeable PCB inside the luminaire enables the maintainability when light failure happens, instead of replacing the whole luminaire.

Advantages

- Backlite technology for high system efficiency upto 150 lumen/watt
- No light guide, no yellowing issue, PMMA lens used.
- Universal design, one product for both T-bar and Gypsum board ceiling installation
- Changeable PCB inside the luminaire for easy maintaining

Features

- Standard sizes (mm): 600x600, 625x625, 300x1200, 600x1200
- UGR<19 @ 4800 lumen
- System Efficiency upto 150 lm/W (PREMIUM); 125 lm/W (PRO); 100 lm/W (ECO)
- Range of color temperatures 3000K, 3500K, 4000K, 5000K, 6000K, 6500K
- 5 - 7 Years Warranty
- Various dimming options, including 0-10V, DALI, Switch Dim etc.
- Emergency options available



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Specification

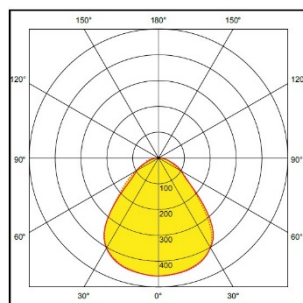
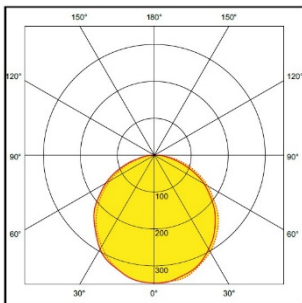


Model	Part No.	System Power	Lumen	Dimension (mm)	Luminaire Efficiency	System Efficiency
ECO version 100 lm/W (5 Years Warranty)						
600x600	PB40W060E	40W	4000lm	595x595/595x597	120 lm/W	100 lm/W
625x625	PB40W062E	40W	4000lm	620x620	120 lm/W	100 lm/W
300x1200	PB40W312E	40W	4000lm	295x1195/297x1197	120 lm/W	100 lm/W
600x1200	PB60W612E	60W	6000lm	595x1195/597x1197	120 lm/W	100 lm/W
PRO version 125 lm/W (5 Years Warranty)						
300x600	PB20W306P	20W	2400lm	295x595/297x597	150 lm/W	120 lm/W
600x600	PB35W060P	35W	4375lm	595x595/595x597	150 lm/W	125 lm/W
625x625	PB35W062P	35W	4375lm	620x620	150 lm/W	125 lm/W
300x1200	PB35W312P	35W	4375lm	295x1195/297x1197	150 lm/W	125 lm/W
300x1500	PB45W315P	45W	5625lm	295x1495/297x1497	150 lm/W	125 lm/W
600x1200	PB45W612P	45W	5625lm	595x1195/597x1197	150 lm/W	125 lm/W
PREMIUM version 150 lm/W (7 Years Warranty)						
600x600	PB30W060R	30W	4500lm	595x595/595x597	170 lm/W	150 lm/W
625x625	PB30W062R	30W	4500lm	620x620	170 lm/W	150 lm/W

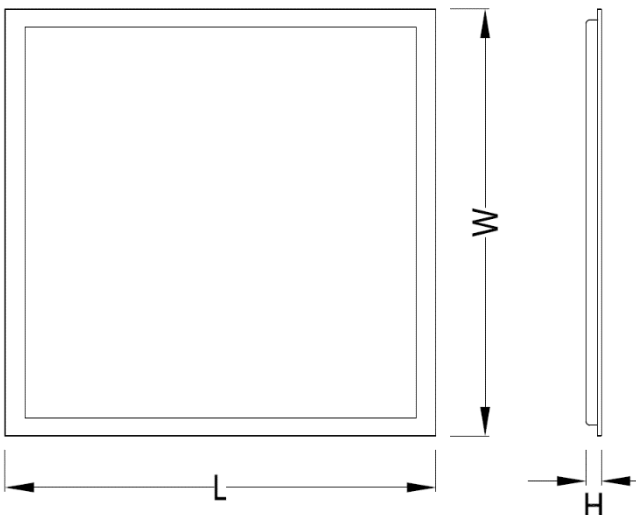
Photometric

OP: Opalic 110°

MP: MicroPrismatic 90°



Dimensions



Model	W (mm)	L (mm)	H (mm)
300 x 600	295/297	595/597	25/30
600 x 600	595/597	595/597	25/30
625 x 625	620	620	25/30
300 x 1200	295/297	1195/1197	25/30
300 x 1500	295/297	1495/1497	25/30
600 x 1200	595/597	1195/1197	25/30

*Flat Frame Model Size: 295/595/1195

Snap Frame Model Size: 297/597/1197 (Universal Design)



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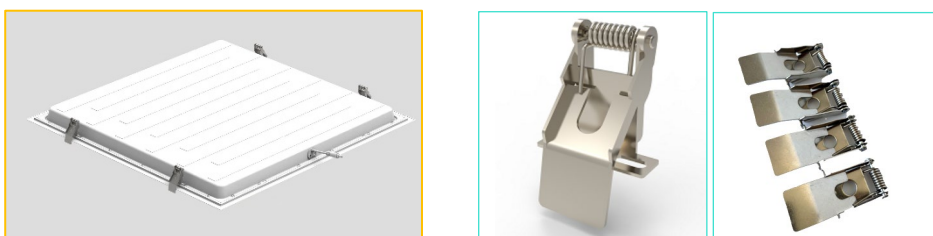
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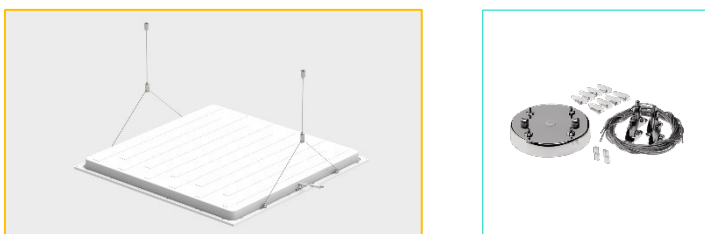
Surface Mounted Box Kit



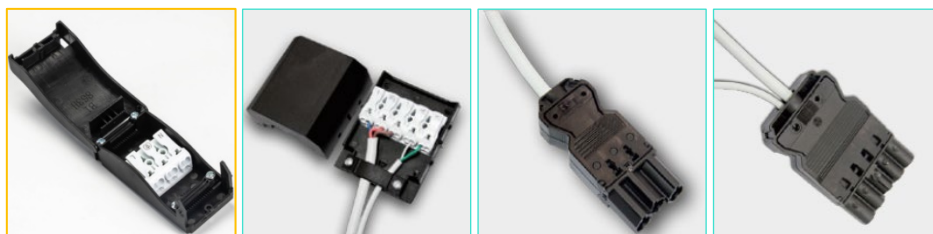
Recessed Spring Clips Kit



Suspension Mounting Kit



Terminal Box & Connectors



System Efficacy	PREMIUM version 150lm/W; PRO version 125lm/W; ECO version 100lm/W ≥ 4000K
CRI (Ra)	>80
Color Temp.	3000K/3500K/4000K/5000K/6000K/6500K (CCT Switchable optional 3000K-4000K-6500K/ 3000K-3500K-4000K)
Lighting Method	Back-Lite
Light Source	SMD2835
SDCM	<3
Beam Angel	110° Opalic Diffuser; 90° Opalic Diffuser
Service Life	L80 / B10 > 60.000 h
IP Rating	IP40 (IP65&IP54 optional)
Impact Resistance	IK04 (IK10 optional)
Hot Wire Resistance	650°C (850°C optional)
Driver	Flicker Free On/off driver as standard
Dimmable	1-10V, DALI, Push Dim, Bluetooth Optional
Nominal Frequency	50/60Hz
Power Factor	>0.9
Input Voltage	200~240V
Flick Free	Yes
Housing Color	RAL9016 White
Housing Material	Aluminum frame, steel housing
Lens Material	Acrylic (PMMA)
Diffuser Material	Polystyrene (PS) as Standard; Polycarbonate (PC)& PMMA optional
Storage Temp.	-40°C~+80°C
Working Temp.	-20°C~+45°C
Mount	Lay-On & Recessed
Package	1/2pcs per gift box, 6pcs per master box
Warranty	5-7 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 a full warranty for the products. Any severe environmental 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.

Rev: 1.7 2022/12/11

Cyanlite™

LED Panel Lights

For

Lay-In

• Lay-On

Clip-In

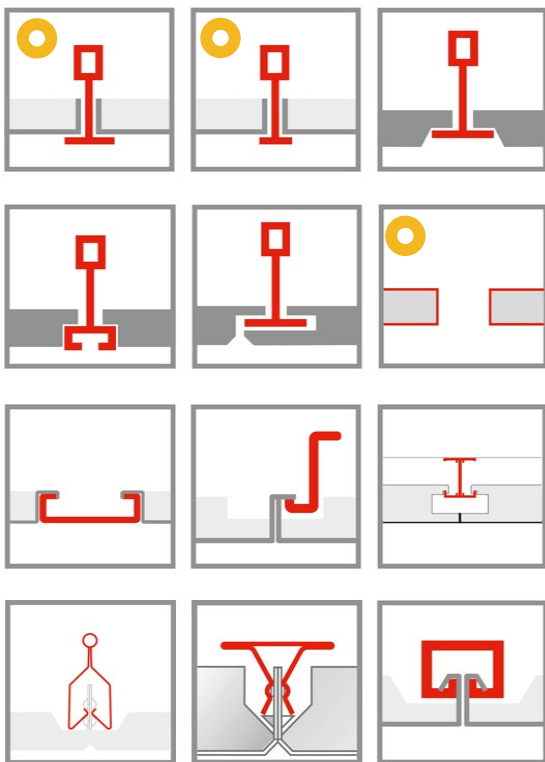
Hook-In

Hook-On

Hook-Over

• Cut-Out

Ceilings



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