

Cyanlite™

G2

Light Source

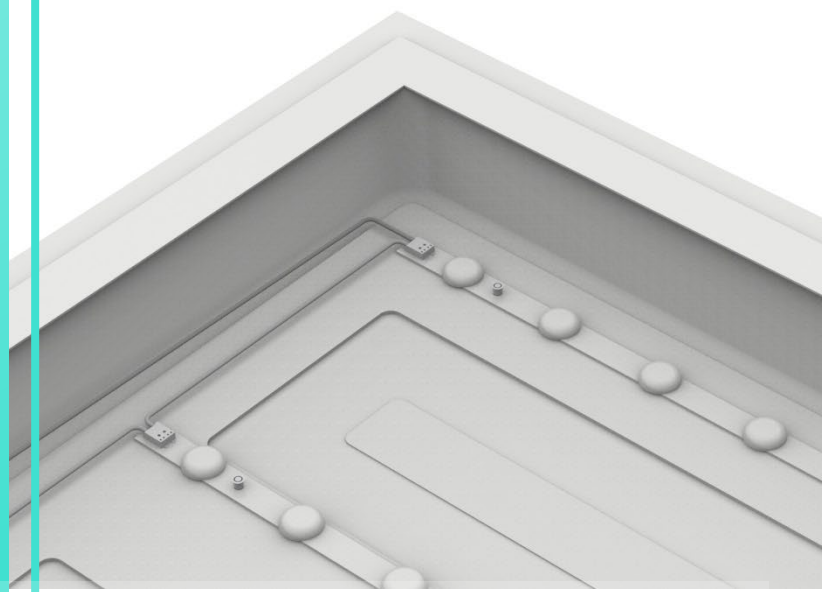
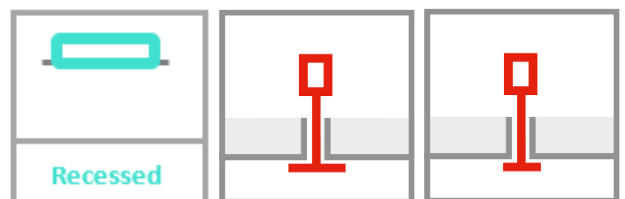
Replaceable

Backlite

LED Panel Lights

With

Universal Design

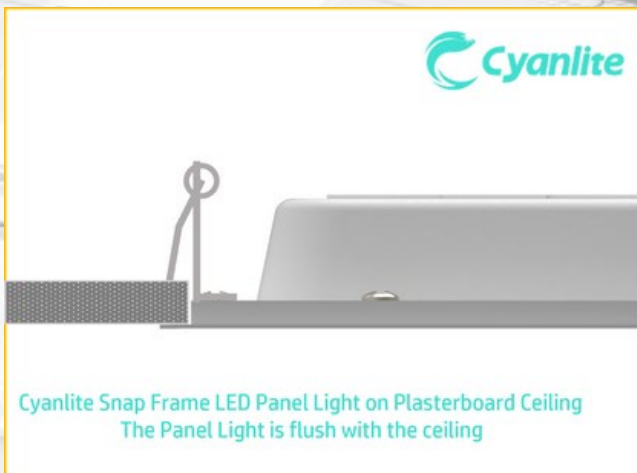




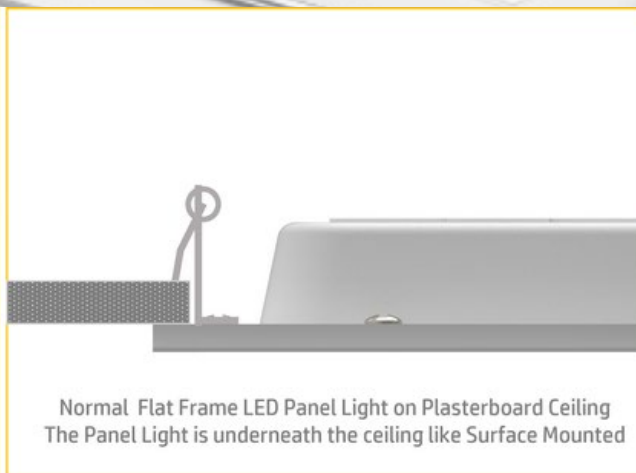
Cyanlite Universal Design
Snap Frame



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



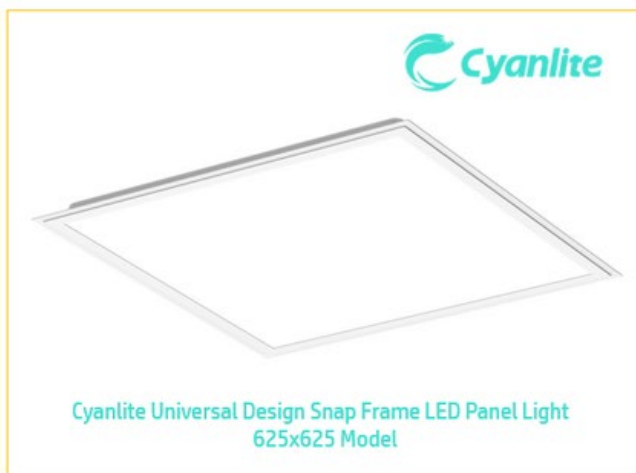
Cyanlite Universal Design Snap Frame LED Panel Light
on T-bar ceilings



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



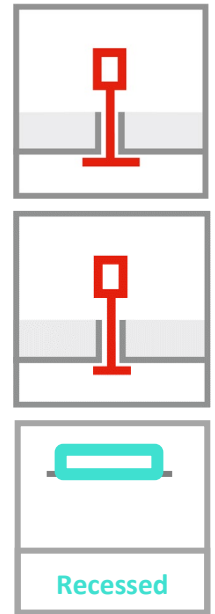
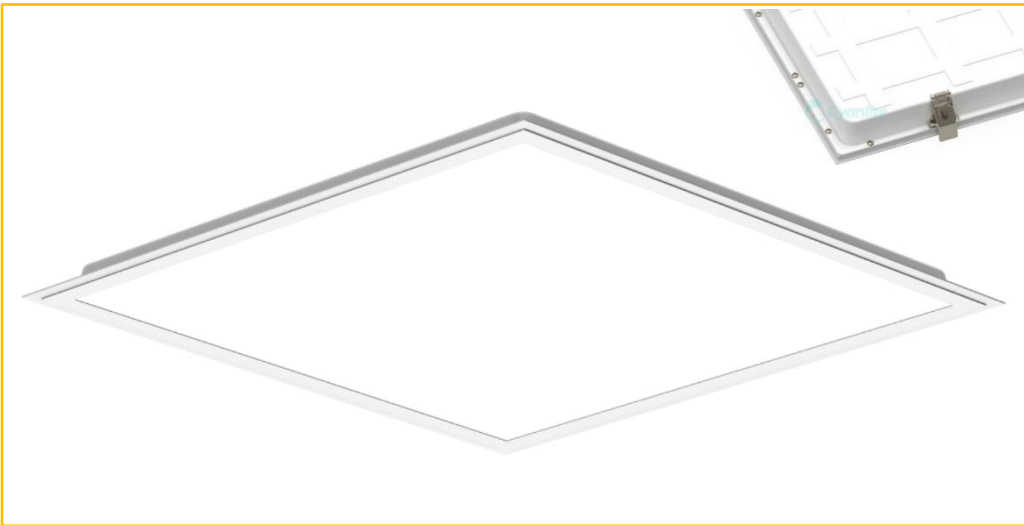
Cyanlite Universal Design Snap Frame LED Panel Light
600x600 Model



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

Engineered for superior performance and unparalleled longevity, our high-efficiency backlight achieves a remarkable system efficacy of 150 lm/W. Beyond energy savings, this product is designed with sustainability and total cost of ownership at its core.

In full compliance with the EU Eco-Design Regulation (2019/2020), the luminaire is engineered for end-of-service-life maintenance. The modular LED light engine is mechanically affixed to the chassis, allowing for simple, tool-assisted removal and replacement without damaging the backplate. Electrical integration is achieved through a robust, pluggable terminal block, eliminating the need for soldering during installation or servicing.

This tool-maintainable design philosophy ensures that both the LED module and the separate control gear can be easily replaced by maintenance personnel, future-proofing your investment, minimizing waste, and fully adhering to circular economy principles. This approach not only meets regulatory mandates but also significantly reduces long-term maintenance costs and environmental impact.

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
- Full Eco-Design Compliance: Features a field-replaceable LED module and a separately replaceable driver, ensuring full compliance with EU Regulation 2019/2020 and reducing long-term ownership costs.
- Tool-Maintainable Design: The LED PCB is mechanically secured via captive fasteners, and all electrical connections use pluggable terminals. This enables swift servicing, extends product lifespan, and supports a circular economy.

Features

- Standard sizes (mm): 600x600, 625x625, 300x1200, 600x1200
- UGR<19 @ 4800 lumen
- System Efficiency upto 150 lm/W (PREMIUM)
- 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

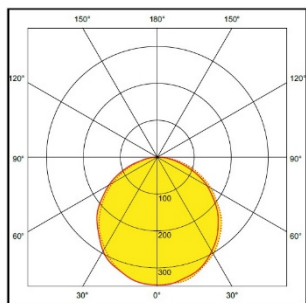
Specification

Model	Part No.	System Power	Lumen	System Efficiency	Dimension
600x600	PB30W060G	30W	4500lm	150lm/W	595x595x30 mm
625x625	PB30W062G	30W	4500lm	150lm/W	620x620x30 mm
300x1200	PB30W312G	30W	4500lm	150lm/W	295x1195x30 mm

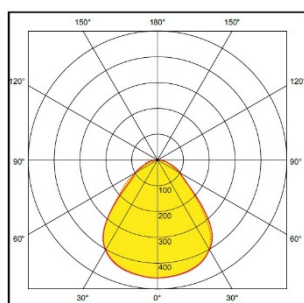
*The measurement is based on 4000K with Prismatic diffuser UGR19.

Photometric

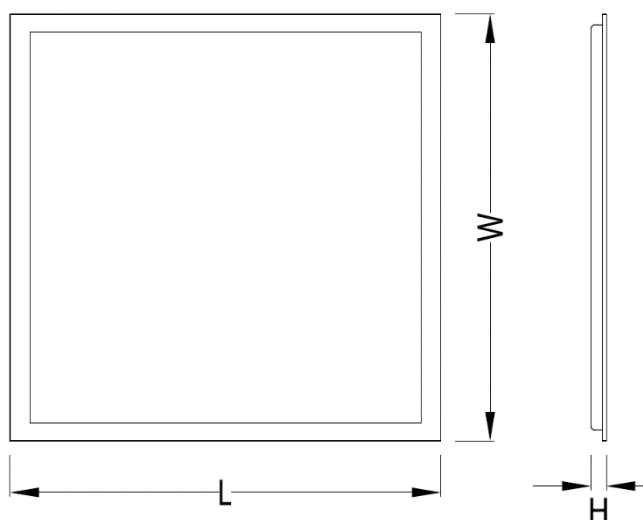
OP: Opalic 110°



MP: MicroPrismatic 90°



Dimensions



Model	W (mm)	L (mm)	H (mm)
600 x 600	595	595	25/30
625 x 625	620	620	25/30
300 x 1200	295	1195	25/30
600 x 1200	595	1195	25/30

*Flat Frame Model Size: 295/595/1195

Snap Frame Model Size: 297/597/1197

Backlite LED Panel Accessories

Surface Mounted Box Kit



620x620: SS70-062



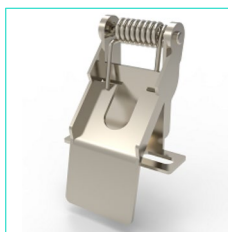
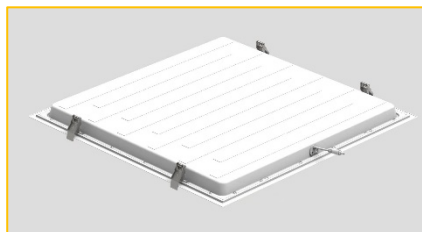
300x1200: SS70-312



600x1200: SS70-612



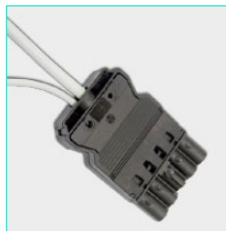
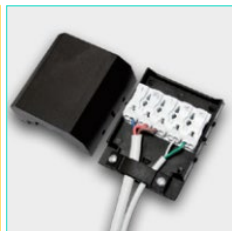
Recessed Spring Clips Kit



Suspension Mounting Kit



Terminal Box & Connectors



Technical Data

System Efficacy	PREMIUM version 150lm/W \geq 4000K
CRI (Ra)	>80 (Ra90/95 available)
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 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.

Rev: 1.8 2024/12/11

Cyanlite™

LED Panel Lights

For

Lay-In

• Lay-On

Clip-In

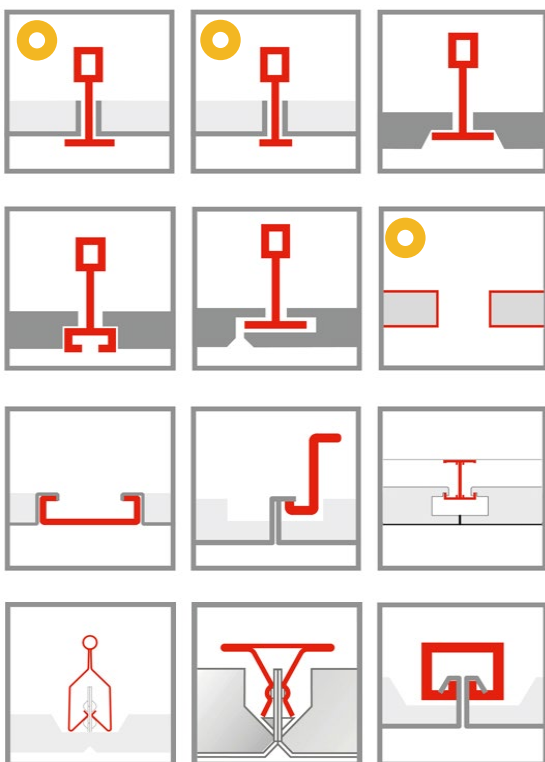
Hook-In

Hook-On

Hook-Over

• Cut-Out

Ceilings



www.cyanlite.com

