Cyanlite™

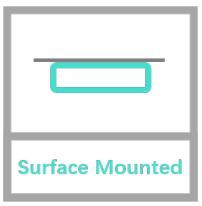
LED Panel Lights

LIBRA

for

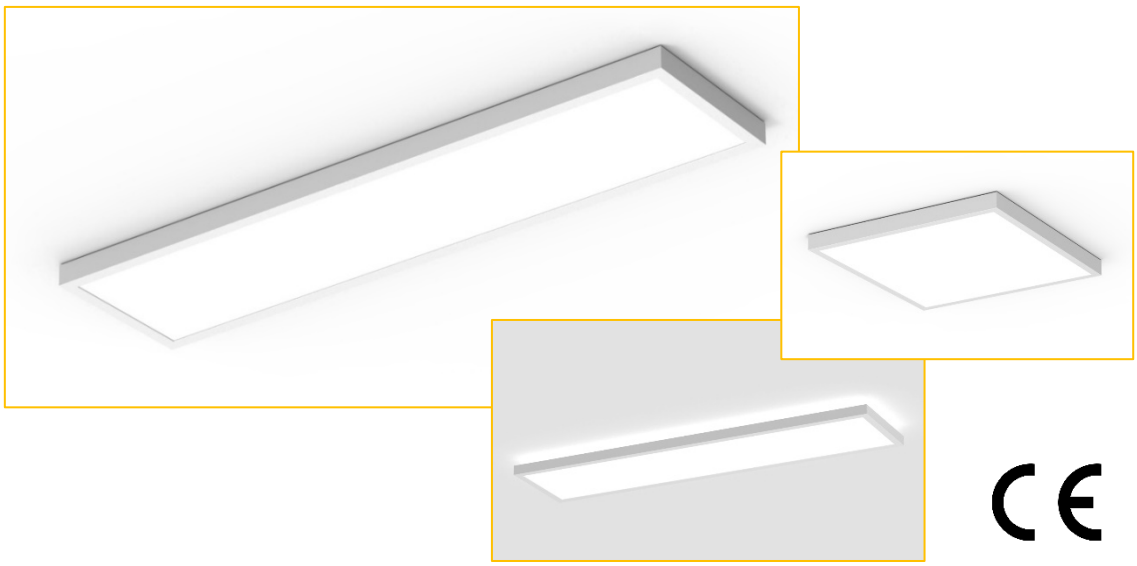
Surface Mounted

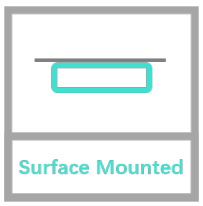
Installation



Cyanlite

Libra – Surface Mounted LED Panel Lights





Overview

The Cyanlite™ LED panel lights LIBRA series has been designed specifically for Surface Mounted installation on Plasterboard and Concrete ceilings. The Libra series surface mounted luminaires have a wide product portfolio includes square and rectangular shape, as well as direct/indirect lighting options, and multiple sizes to retrofit and replace the traditional T8 troffer luminaires.

With Cyanlite patented mounting fixture, the installer no need to make the positioning when install, so the installation is simple and easy, also no need to dismantle and reassemble as traditional surface mounted luminaires, saving huge time for installers and enabling them to complete the project easily and quickly.

Advantages

- Specifically designed for surface mounted installation
- Easy and fast installation, saving installation cost
- Libra has a wide product range for replacing traditional T8 troffer surface mounted luminaires
- Flexible and customization oriented, bespoke sizes are welcome
- Professional LED lighting manufacturer, ODM for EU top lighting brands, no risk for partnership

Features

- Standard sizes (mm): 450x450, 600x600, 625x625, 700x700; 300x1200, 300x1500; 184x1231, 184x1531; 284x1231, 284x1531; 310x1247, 310x1547
- RAL9016 as standard coating color, other RAL colors available on request
- System Efficiency upto 125 lm/W
- EN 12464-1& LG7 Compliant, UGR<19 Optional when fitted with Micro Prismatic diffuser
- Range of color temperatures 3000K, 3500K, 4000K, 5000K & 6000K
- 5 Years Warranty
- Various dimming options, including 0-10V, DALI, Switch Dim etc.
- Emergency options available

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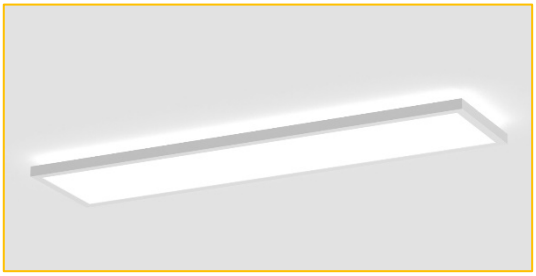
No. 885, Sub-Lane 3, Lane 699, Nanliu Road, Shanghai 201399, China

Specifications

- Direct Light version

Model	Part No.	Power	Luminous Flux	Dimension (mm)
450x450	SM25W045	25W	3000 lm	450x450x45
600x600	SM35W060	35W	4400 lm	595x595x45
625x625	SM35W062	35W	4400 lm	620x620x45
700x700	SM40W070	40W	4800 lm	700x700x45
300x1200	SM34W312	34W	4000 lm	295x1195x45
300x1500	SM42W315	42W	5000 lm	295x1495x45
184x1231	SM22W112	22W	2500 lm	184x1231x45
184x1531	SM42W115	42W	5000 lm	184x1531x45
284x1231	SM34W212	34W	4000 lm	284x1231x45
284x1531	SM42W215	42W	5000 lm	284x1531x45
310x1247	SM38W313	38W	4400 lm	310x1247x45
310x1547	SM45W316	45W	5400 lm	310x1547x45



- Direct/Indirect (Up/Down) Light version

Model	Part No.	Power	Luminous Flux	Dimension (mm)
450x450	SM25W045-UD	25W	300 lm↑2700 lm↓	450x450x70
600x600	SM35W060-UD	35W	440 lm↑3960 lm↓	595x595x70
625x625	SM35W062-UD	35W	440 lm↑3960 lm↓	620x620x70
700x700	SM40W070-UD	40W	480 lm↑4320 lm↓	700x700x70
300x1200	SM34W312-UD	34W	400 lm↑3600 lm↓	295x1195x70
300x1500	SM42W315-UD	42W	500 lm↑4500 lm↓	295x1495x70
184x1231	SM22W112-UD	22W	250 lm↑2250 lm↓	184x1231x70
184x1531	SM42W115-UD	42W	500 lm↑4500 lm↓	184x1531x70
284x1231	SM34W212-UD	34W	400 lm↑3600 lm↓	284x1231x70
284x1531	SM42W215-UD	42W	500 lm↑4500 lm↓	284x1531x70
310x1247	SM38W313-UD	38W	440 lm↑3960 lm↓	310x1247x70
310x1547	SM45W316-UD	45W	540 lm↑4860 lm↓	310x1547x70

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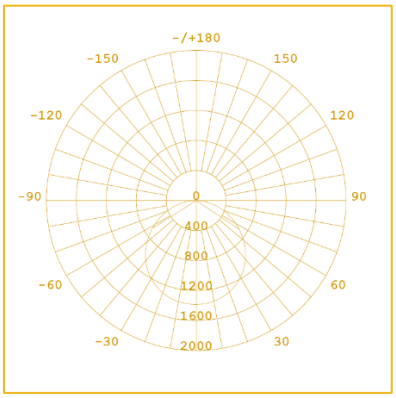
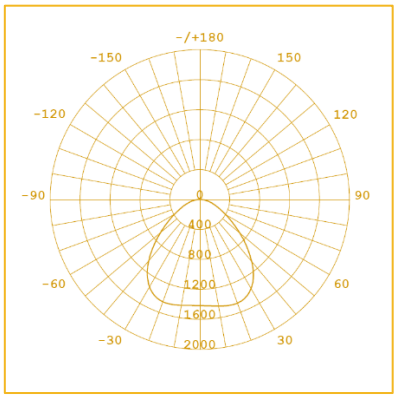
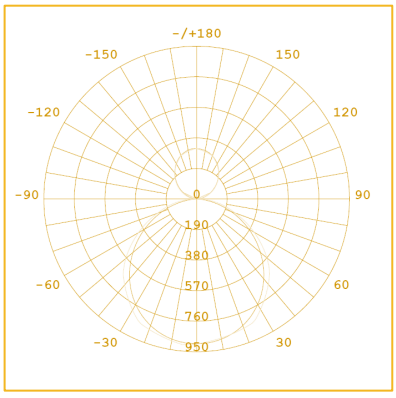
Photometric



- UGR22 with Opalic Diffuser

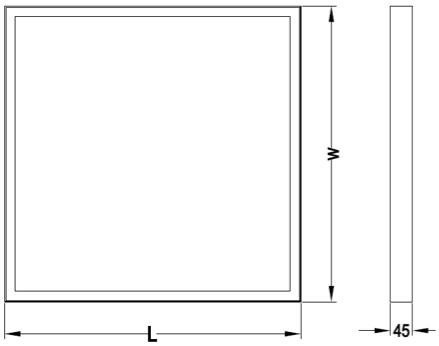


- UGR19 with Micro Prismatic Diffuser

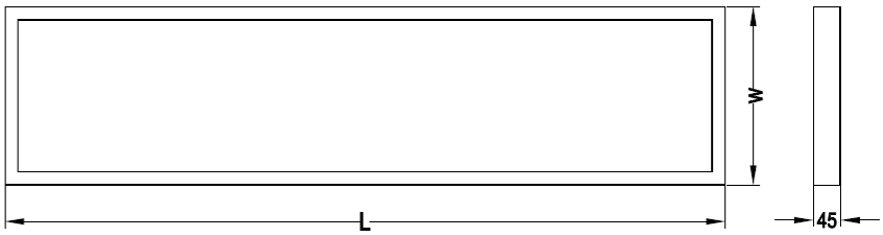


- Up and Down version

Dimensions (mm)

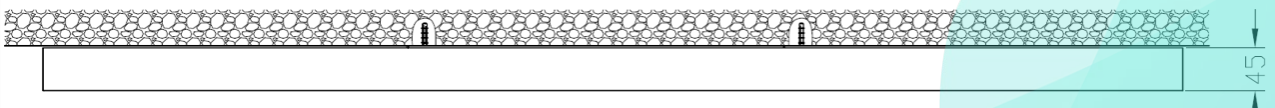


L	W
450	450
620	620
595	595
700	700

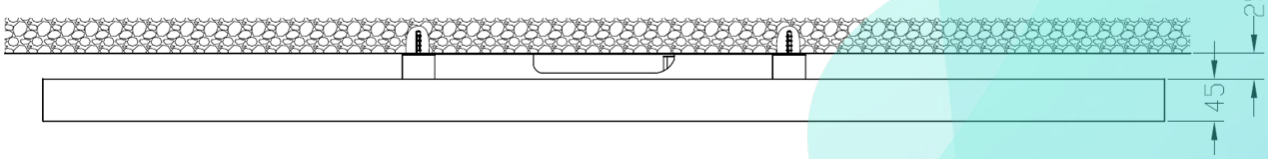


L	W
1195	295
1495	295
1231	184
1531	184
1231	284
1531	284
1247	310
1547	310

- Direct light version



- Direct/indirect light version



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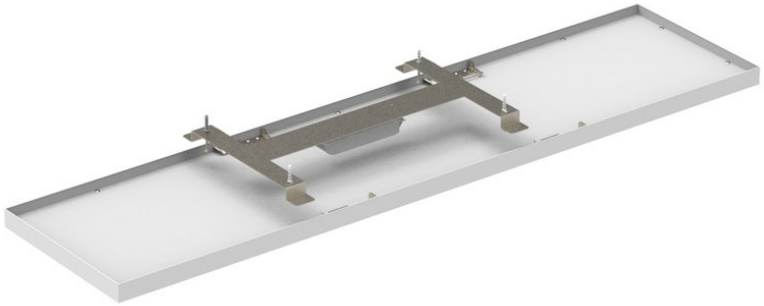
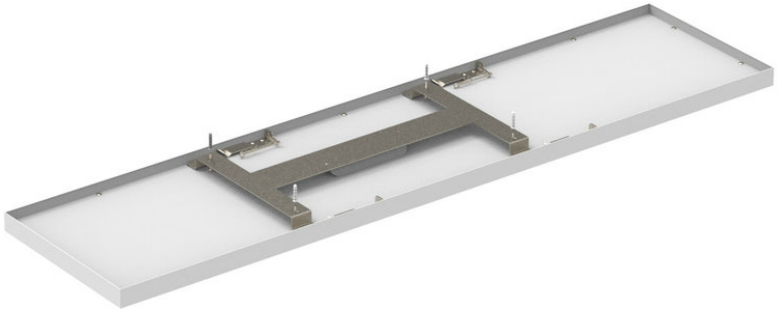
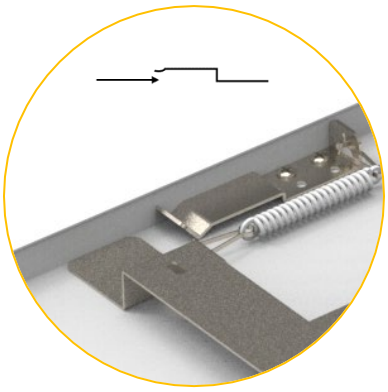
Installation

1, screw the mounting fixture to the ceiling and connect the safety rope hook and wiring to LED driver

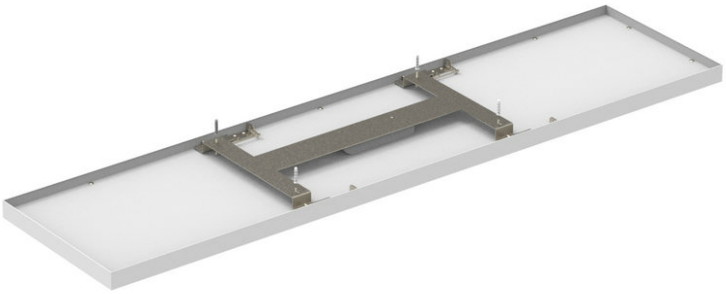


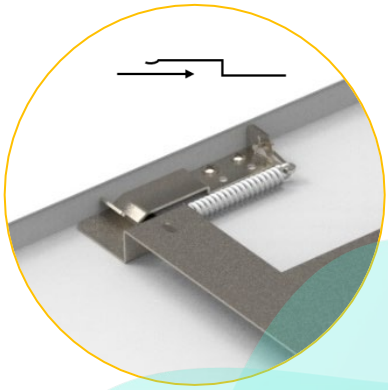
2, push and slide the luminaire towards the mounting fixture



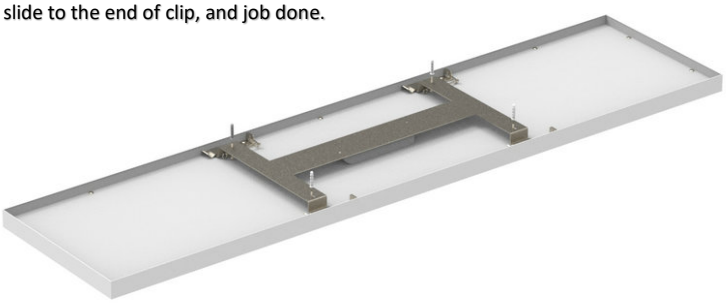


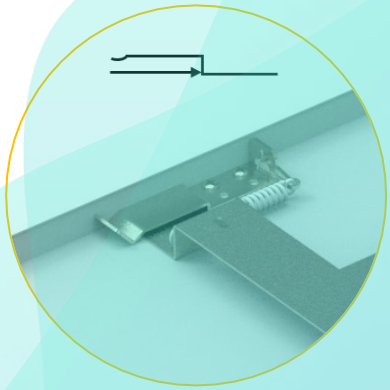
3, sliding the luminaire





4, slide to the end of clip, and job done.





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Technical Data

Efficacy	120lm/w ≥ 4000K
CRI (Ra)	80
Color Temp.	3000K/3500K/4000K/5000K/6000K
Lighting Method	Side-lite
Light Source	SMD4014
SDCM	<3
Beam Angel	110° Opalic Diffuser/ 90° Micro Prismatic Diffuser
Service Life	L70 (25°C) = 50.000h
IP Rating	IP20
Impact Resistance	IK04
Hot Wire Resistance	650°C
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
LGD Material	Acrylic (PMMA)
Diffuser Material	Polystyrene (PS)
Storage Temp.	-40˚C~+80˚C
Working Temp.	-20˚C~+45˚C
Mount	Recessed
Package	1pcs per gift box, 3/4pcs per 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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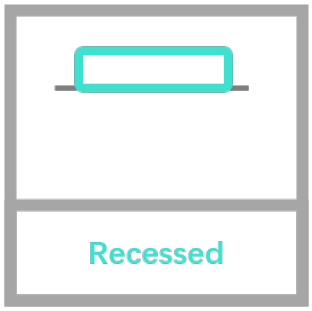

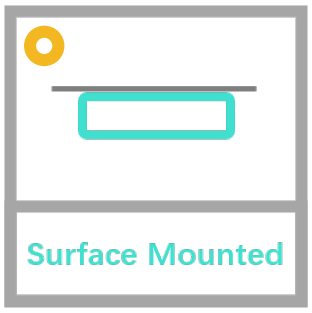

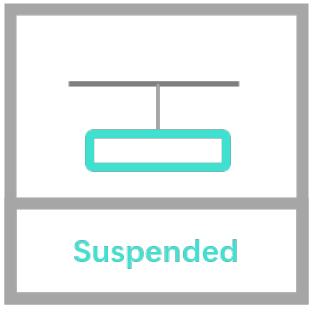

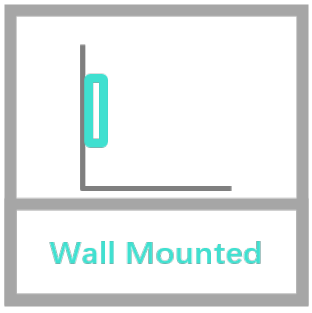

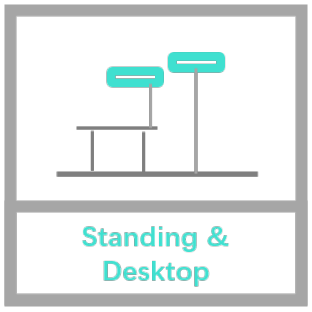

Cyanlite

Cyanlite™

LED Luminaires

For

Recessed

Surface Mounted

Suspended

Wall Mounted

Standing & Desktop

Installations

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