

Cyanlite™

HIPO

Recessed Frameless
LED Panel Light





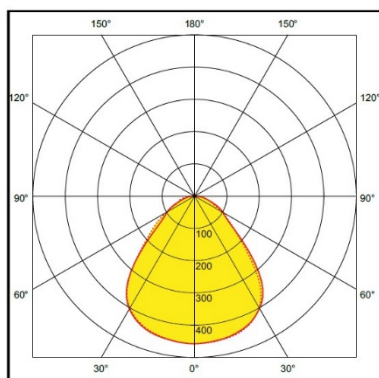
Overview

Cyanlite HIPO Frameless recessed ceiling luminaire providing 100% uniform illumination, with Micro Prismatic optic for controlled light accents. It has a power input of 28W, and offers an L90 LED service life of 50,000 hours. The luminaire delivers 3640 lm at 130 lm/W efficacy, with a colour temperature of 4000 K, colour rendering $R_a > 90$, and initial chromaticity tolerance of 3 MacAdam steps. Its backlit multilayer optic ensures seamless, glare-free light distribution compliant with EN 12464:2011, achieving $UGR < 19$, while reduced high-angle luminance minimises glare on angled displays. Evenly spaced LEDs, a laser-welded light chamber for touch protection and insect/dust ingress prevention, and a smooth high-grade cover for easy cleaning are included. Suitable for single or cluster installation in ceiling cut-outs and modular ceilings with concealed or exposed grids.

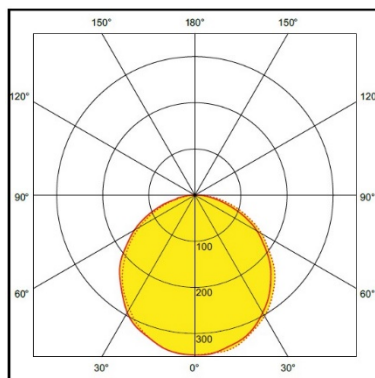
Model	Part No.	Ra	CCT	Power Switchable	Lumen Switchable	Size	Beam
625x625	PB28W062P-FR-HP	>90	4000K	28/35/42W	3640/4550/5460 lm	622x622x45mm	90°/120°
600x600	PB28W060P-FR-HP	>90	4000K	28/35/42W	3640/4550/5460 lm	598x598x45mm	90°/120°
310x1250	PB28W313P-FR-HP	>90	4000K	28/35/42W	3640/4550/5460 lm	310x1247x45mm	90°/120°
310x1550	PB28W316P-FR-HP	>90	4000K	28/35/42W	3640/4550/5460 lm	310x1547x45mm	90°/120°

*The other customized specifications are welcome.

Photometric



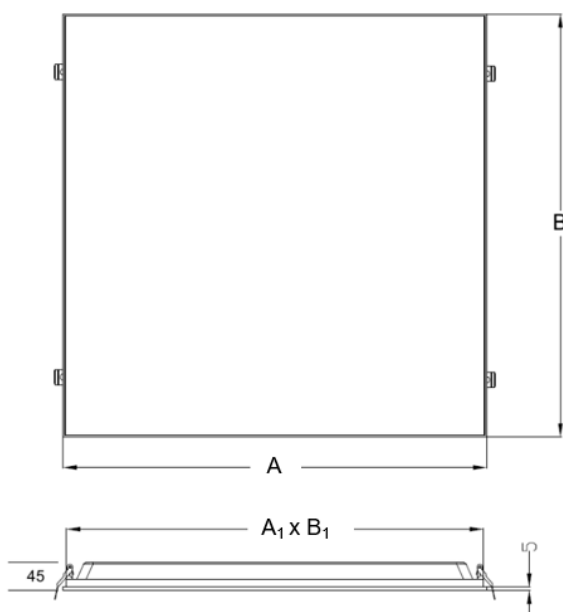
- 90° beam UGR19 with Micro Prismatic Diffuser



- 120° beam UGR22 with Opalic Diffuser

Dimensions (mm)

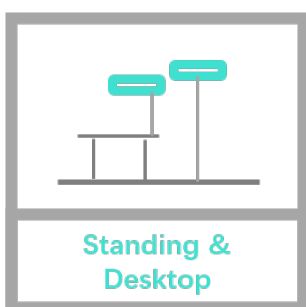
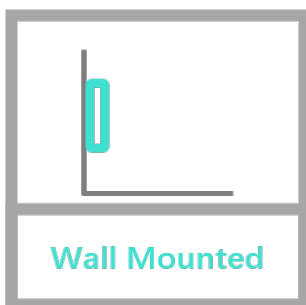
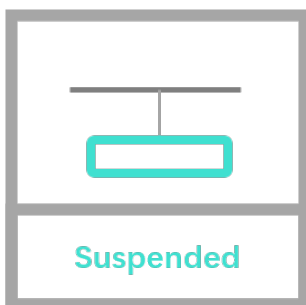
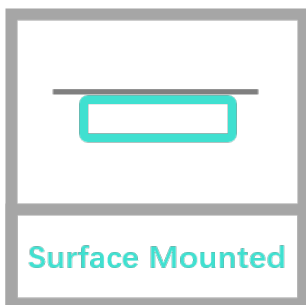
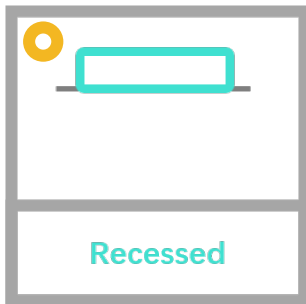
Model	A	B	A ₁	B ₁	A'	B'
625x625	622	622	612	612	614	614
600x600	598	598	588	588	592	592
310x1250	310	1247	300	1237	302	1239
310x1550	310	1547	300	1537	302	1539



Efficacy	130lm/w @ 4000K Ra90; (Optional 140lm/w @ 4000K Ra80)
CRI (Ra)	>90; (optional >80)
Color Temp.	4000K; (Optional 3000K)
Lighting Method	Backlite
Light Source	SMD2835
SDCM	<3
Beam Angel	90° Micro Prismatic Diffuser; (Optional 110° Opalic Diffuser)
Service Life	L80B20 (25°C) > 60.000h
IP Rating	IP40
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
Lens Material	Acrylic (PMMA)
Diffuser Material	Polystyrene (PS), (Optional PMMA/PC)
Storage Temp.	-40°C~+80°C
Working Temp.	-20°C~+45°C
Mount	Recessed
Package	1pcs per gift box, 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.

Rev: 1.1 2026/03/10



Cyanlite™
LED Luminaires
For
● Recessed
Surface Mounted
Suspended
Wall Mounted
Standing & Desktop
Installations

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