

THE LEADER AND CREATOR OF FLIP CHIP DISPLAY PANEL

# Butterfly Series

Indoor Fine Pixel Pitch Fixed LED Display

## PRODUCT OVERVIEW



**Die Casting Aluminum Cabinet**  
High precision, light weight, good flatness.



**Single Face/Double Face**  
Single face display or double face display available.



**Flexible Application**  
Hanging, stacking, wall mounting.



**Hard Link**  
Power supply, receiving card HUB board are hard connection for better stability.



**Fully Front Maintenance**  
All components can be replaced from front side.

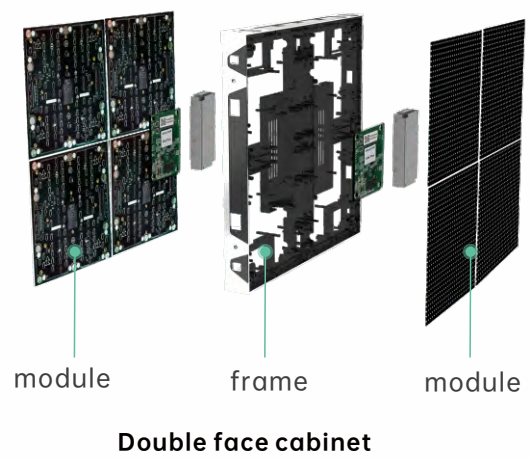
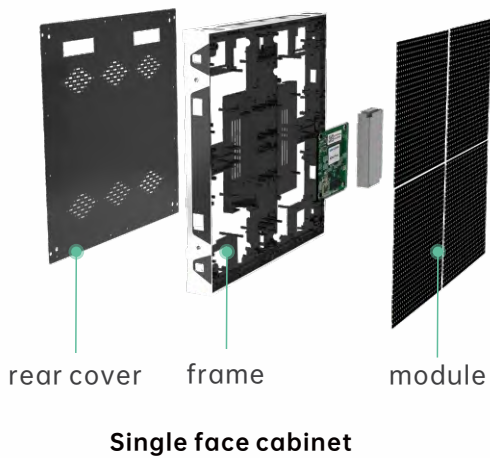
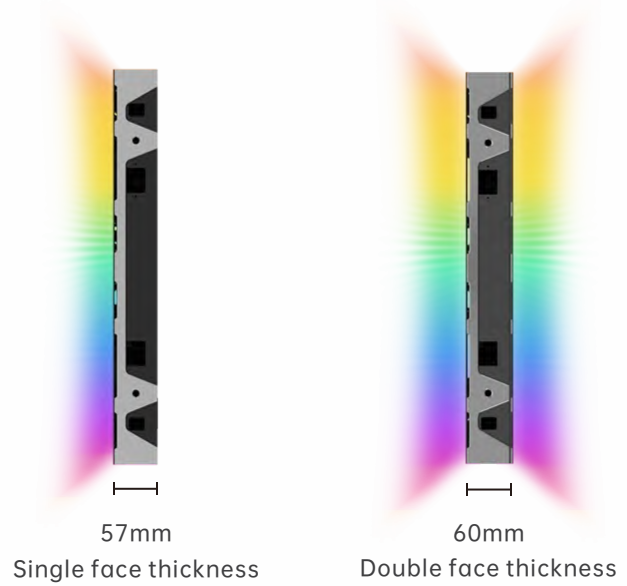
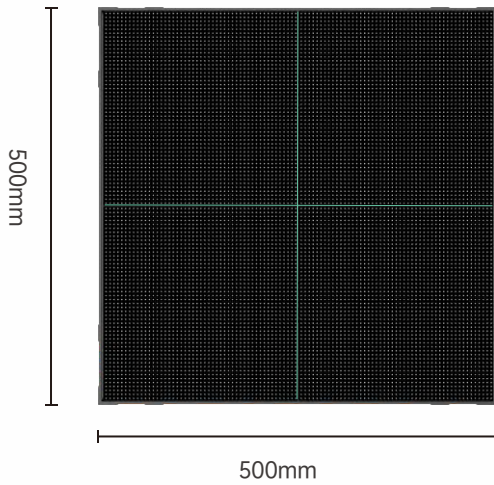


**High Protection**  
GOB coating brings moisture-proof, dust-proof, antistatic and anti-collision.





## PRODUCT DIMENSION



## PRODUCT FEATURES



### High Gray Level



14-16 bit gray level make the image exquisite and soft, bright and vivid



## GOB High Protection

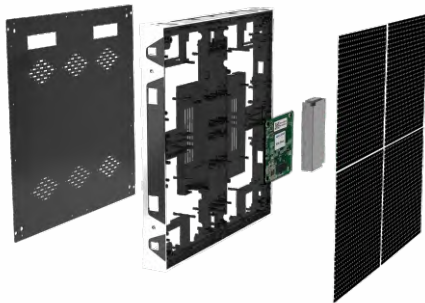
Surface treatment with GOB coating, enabling surface water-resistant, dust-resistant, impact-resistant and anti-static.



-  Anti-collision
-  Anti-oxidation
-  Moisture-resistant
-  Anti-static
-  Easy clean

## Easy Maintenance

All components can be full front maintenance.



## Hanging Beam

Hanging beams can hang screens.

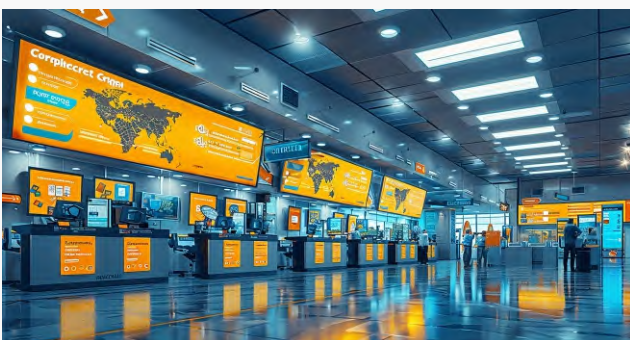


Single hanging beam 500mm length

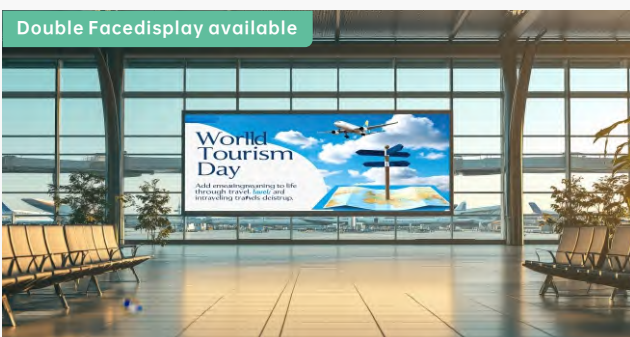


Double hanging beam 1000mm length

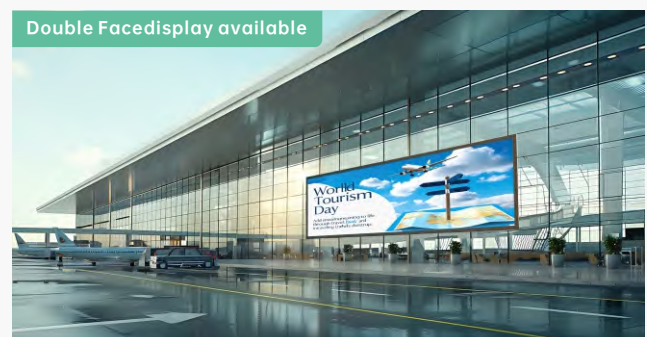
## APPLICATIONS



Double Facedisplay available



Double Facedisplay available




# SPECIFICATION


Categories	Model	55F19	55F26	55F29	55F39
Physical Parameters	Pixel type	SMD(GOB optional)			
	Pixel spacing (mm)	1.95	2.6	2.9	3.9
	Module size (mm)	250*250			
	Module resolution (WxH)	128*128	96*96	84*84	64*64
Cabinet Parameters	Unit composition (WxH)	2*2			
	Cabinet size (mm)	500 * 500 * 57 (single-face), 500 * 500 * 60 (double-face)			
	Cabinet resolution (WxH)	256*256	192*192	168*168	128*128
	Area (m <sup>2</sup> )	0.25			
	Pixel density (Dots/m <sup>2</sup> )	262144	147456	112896	65536
	Texture of material	Die cast aluminum			
	Cabinet weight (kg)	7.15kg(single face), 7.25kg(double face)			
Optical Parameters	Flatness	≤0.1mm			
	Brightness(cd/m <sup>2</sup> )	≤800	≤1000	≤1000	≤1000
	Color temperature (K)	2000~12000 adjustable			
	View angle (H/V)	140°/140°			
	Brightness uniformity	≥98%			
	Chromaticity uniformity	within 0.0035 Cx,Cy			
Electrical Parameters	Contrast ratio	6000:1			
	Peak power consumption	≤450W/m <sup>2</sup>	≤500W/m <sup>2</sup>	≤500W/m <sup>2</sup>	≤500W/m <sup>2</sup>
	Average power consumption	≤150W/m <sup>2</sup>	≤170W/m <sup>2</sup>	≤170W/m <sup>2</sup>	≤170W/m <sup>2</sup>
	Power supply requirements	AC100~240V(50~60Hz)			
Processing Performance	Drive mode	Constant current drive			
	Change frame frequency	50/60Hz			
	Refresh rate	3840Hz			
	Gray level	14-16bit			
Application Parameters	Working temperature	-10°C~+40°C			
	Working humidity	10%~90% RH without condensation			
	Service life	100,000Hrs			
	Maintenance method	Full front maintenance			
	Protection level	IP41 front / IP21 rear			

The parameter index will change according to the specific situation of the project (the product shall be subjected to the submitted contract specification)

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