

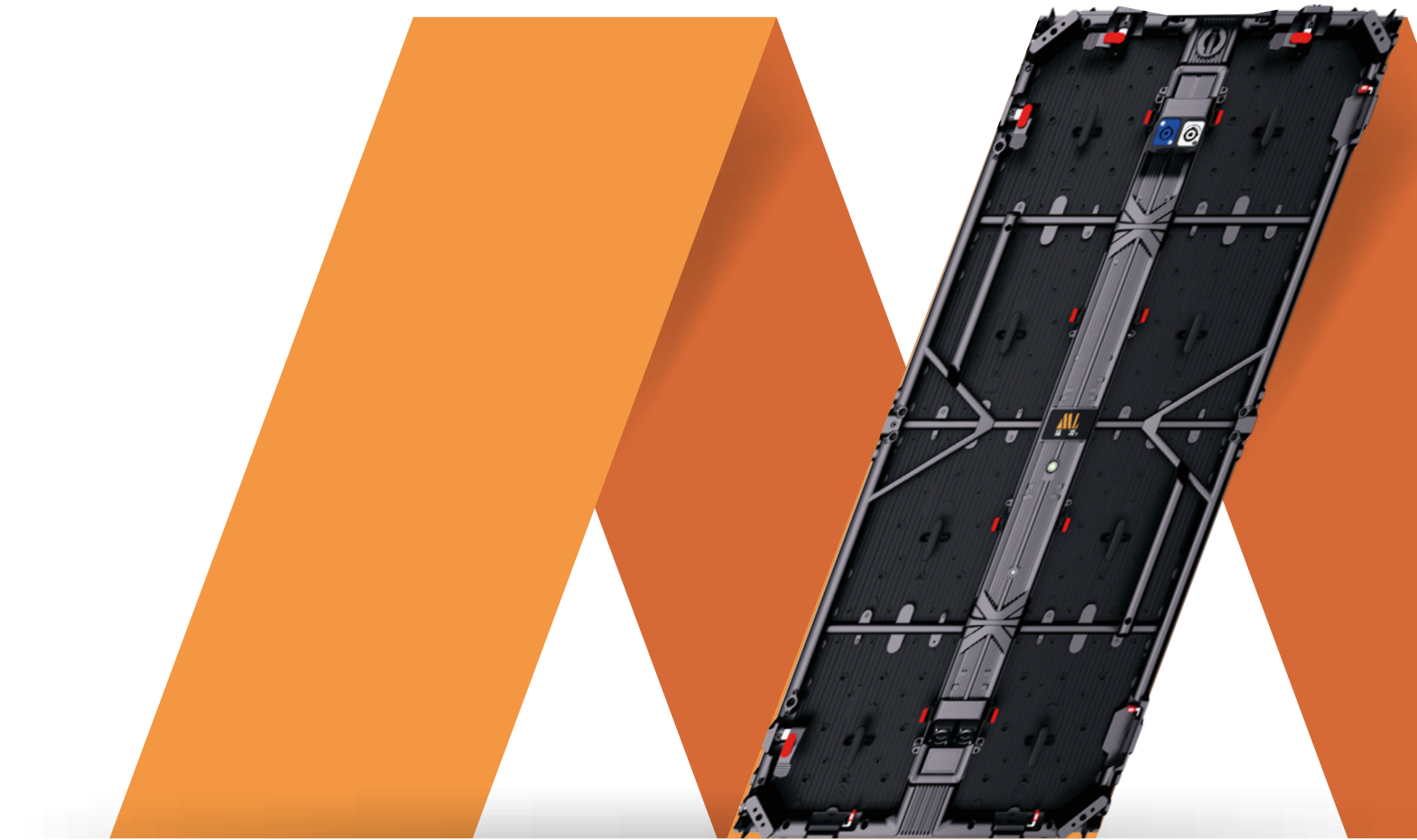


JIAXING MENGLING INFORMATION TECHNOLOGY CO., LTD.

📍 No.9 Furong Road, Songgang Street, Bao'an District, Shenzhen

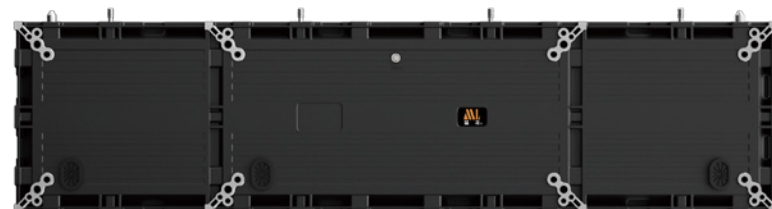
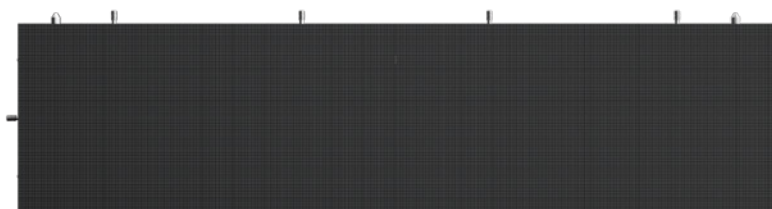
🌐 <http://www.mightyling.com>

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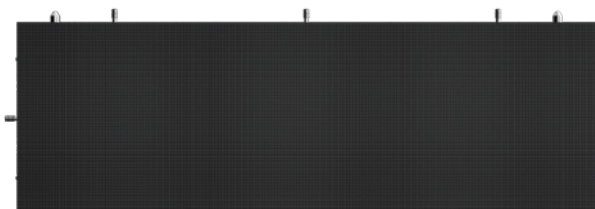


L Series

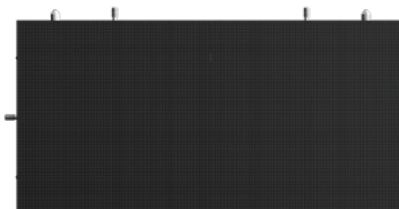
1000x250mm



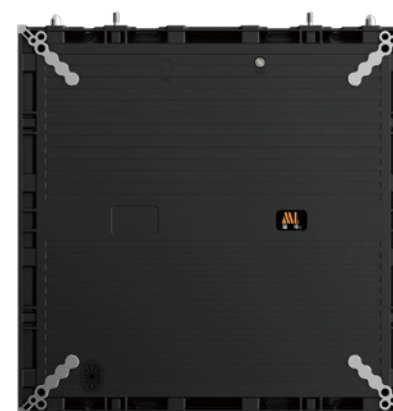
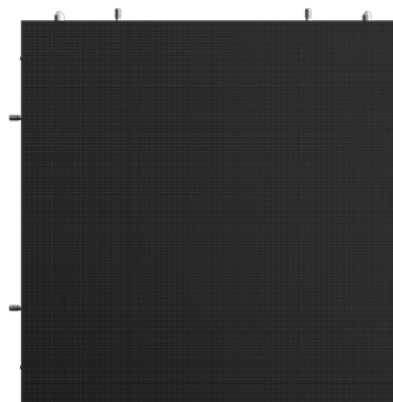
750x250mm



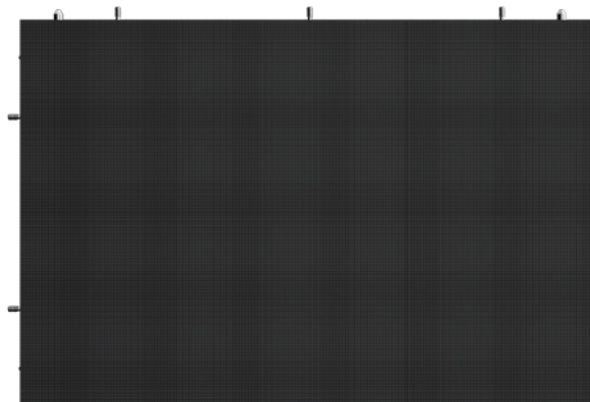
500x250mm



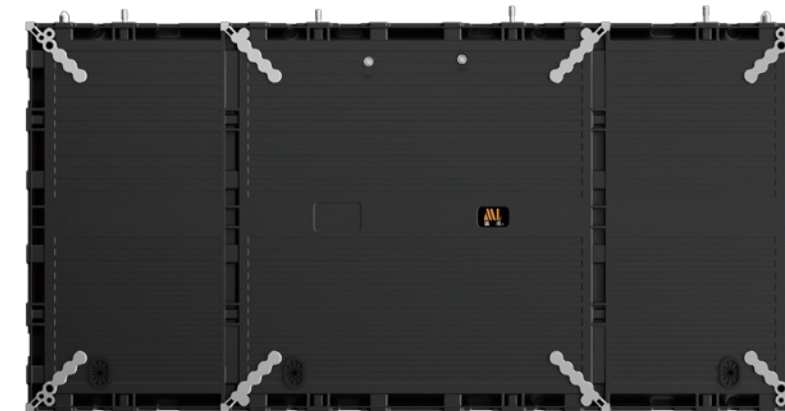
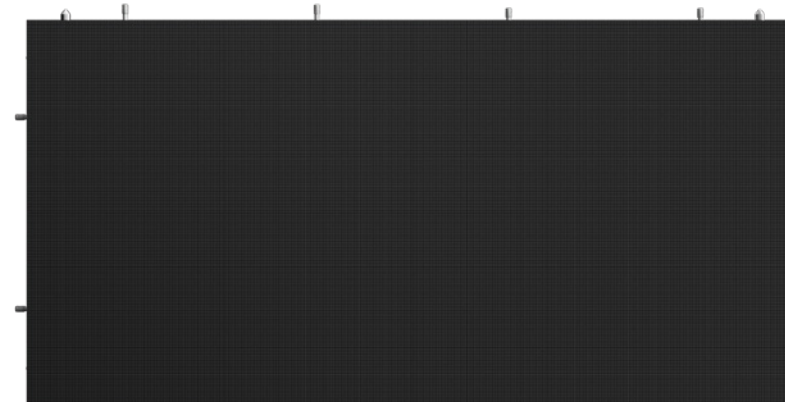
500x500mm



750x500mm

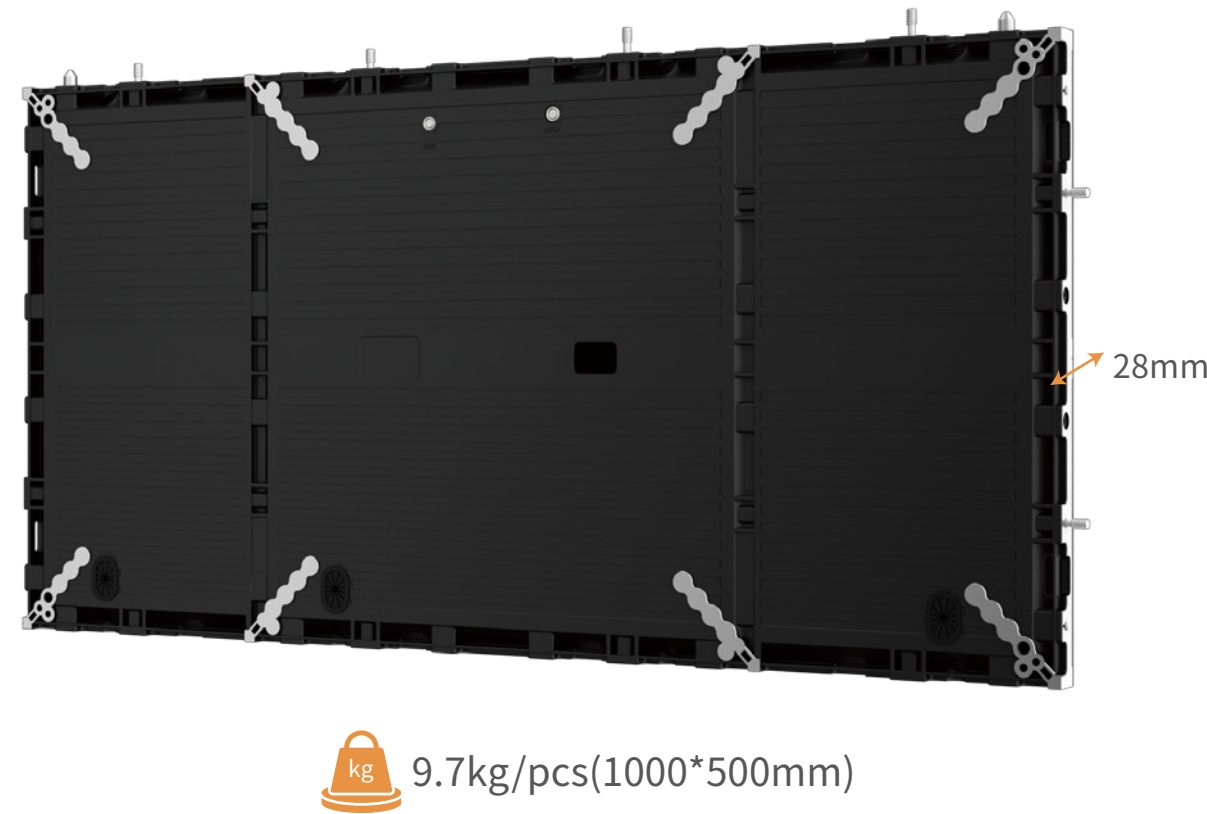


1000x500mm



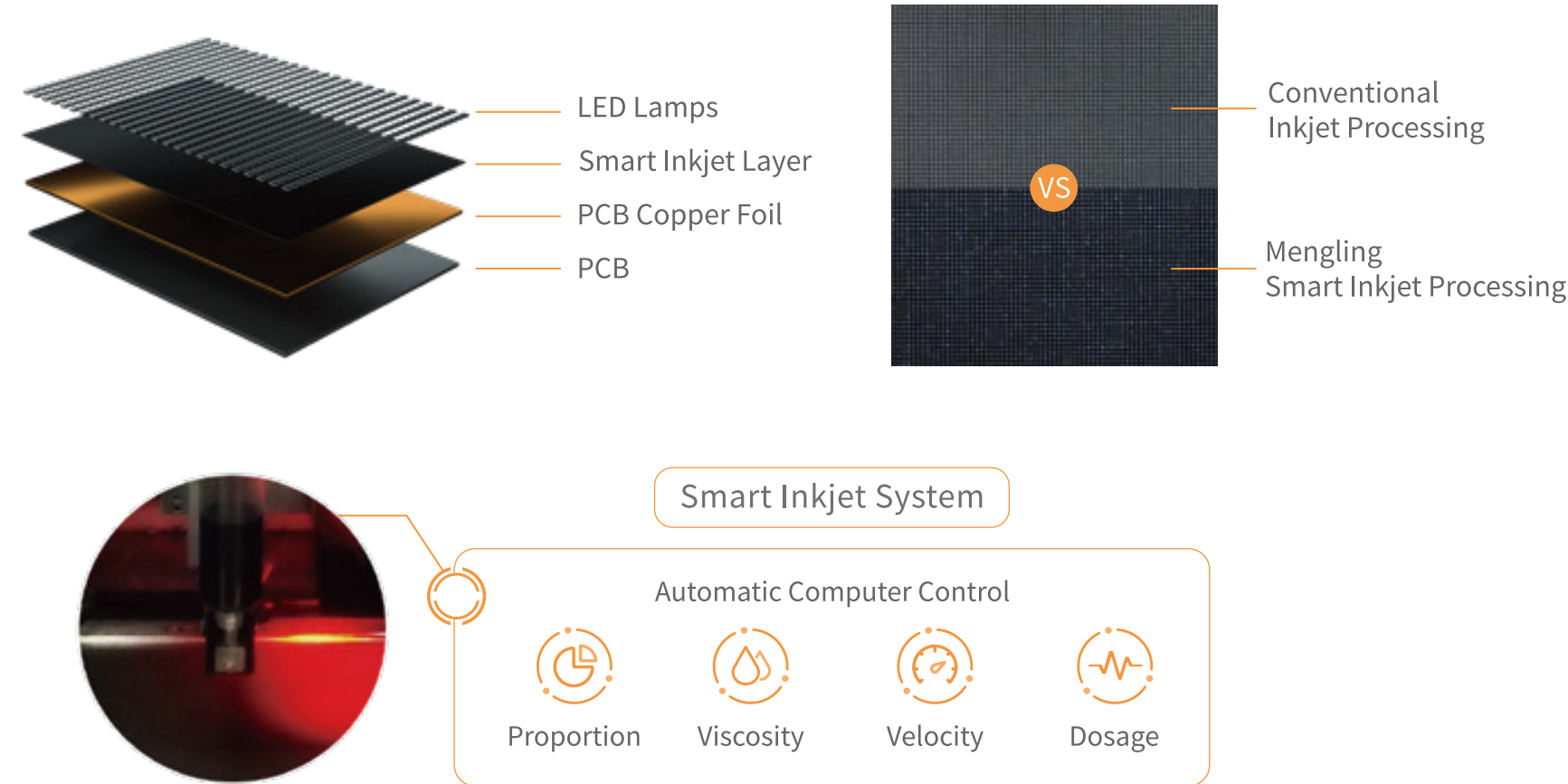
Ultra Thin & Light

28mm ultra-sleek panels blend with the wall perfectly to save installation time and 9.7kg/pcs(1000*500mm) lightweight cabinet lowers more transportation costs.



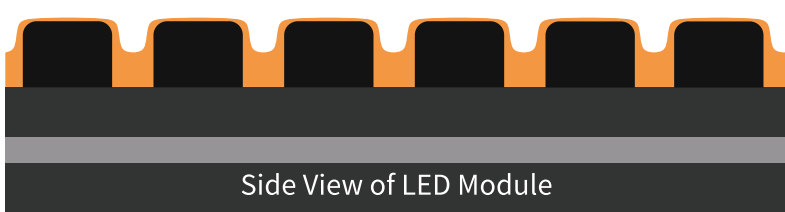
Smart Inkjet Craftsmanship

Mengling pioneered smart inkjet Craftsmanship effectively solves mask protrusion, bulges, dark spots from side views and constrained viewing angles.

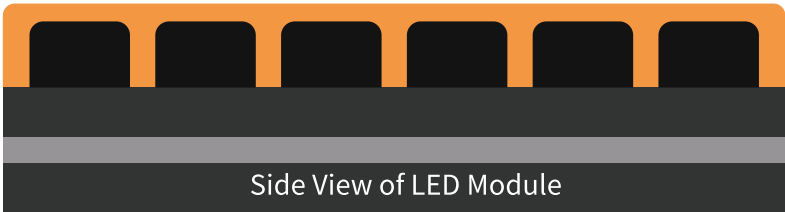


Differences between HOB and GOB

L Series supports both HOB and GOB, which differentiate in modularization, reflection, contrast ratio, flatness and protection.

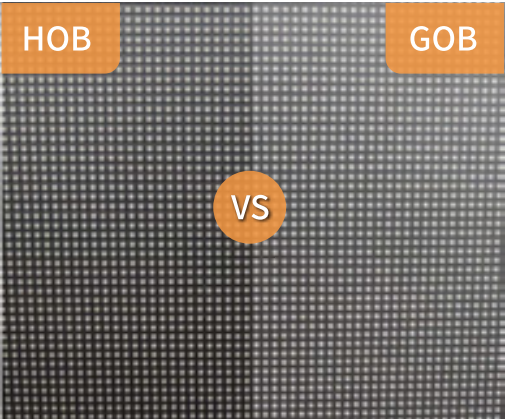


HOB



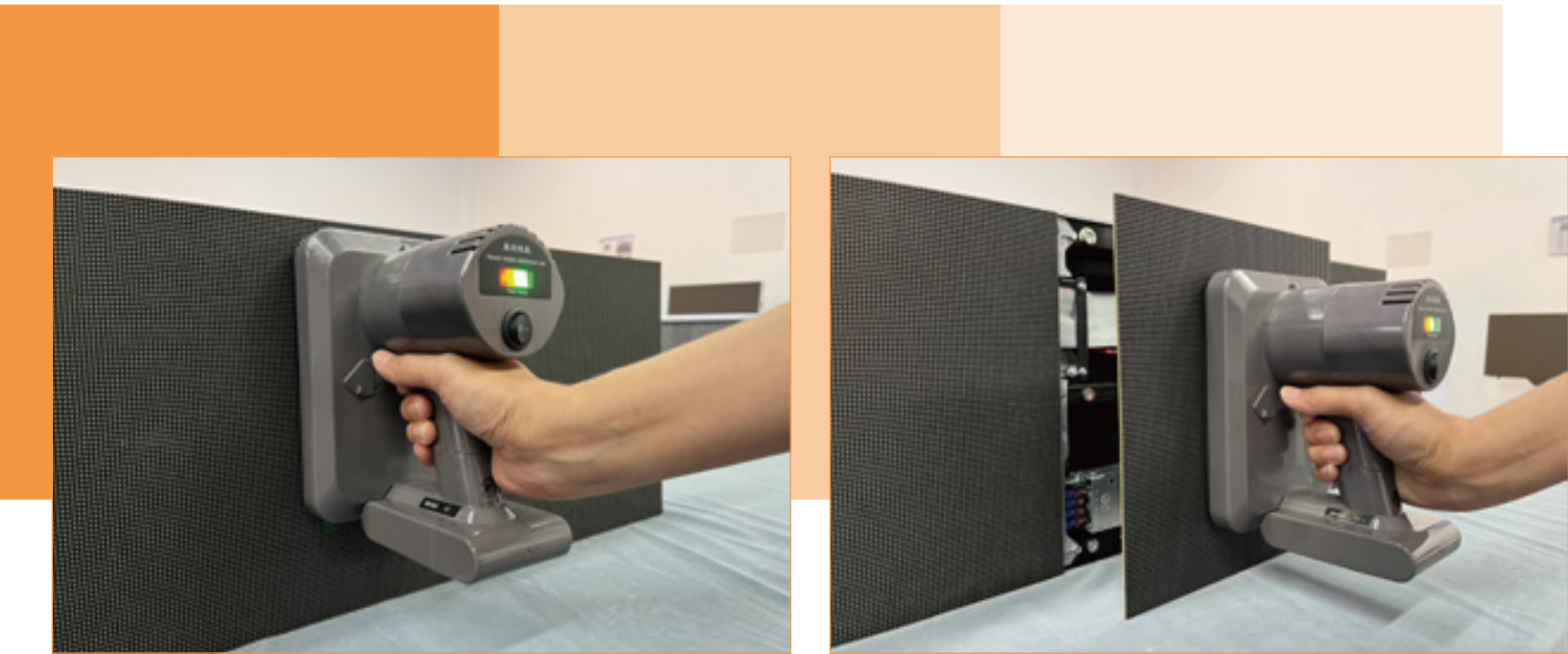
GOB

Modularization	HOB < GOB
Reflection	HOB < GOB
Contrast ratio	HOB > GOB
Flatness	HOB > GOB
Protection	HOB = GOB



Full Front Maintenance

Modules, power supply, hub card, and receiving card can be maintained from the front.



Setting magnetic tool

Disassemble

Nano-Coating Protection & Module Degaussing Technology

Nano-coating Protection: resist water, moisture, and dust to avoid the failures ofLED “caterpillars” -.
abnormal-luminous LED column pixels.
Module Degaussing Technology: no iron filings and dust on modules, safe and stable operation in subwayand railway stations.



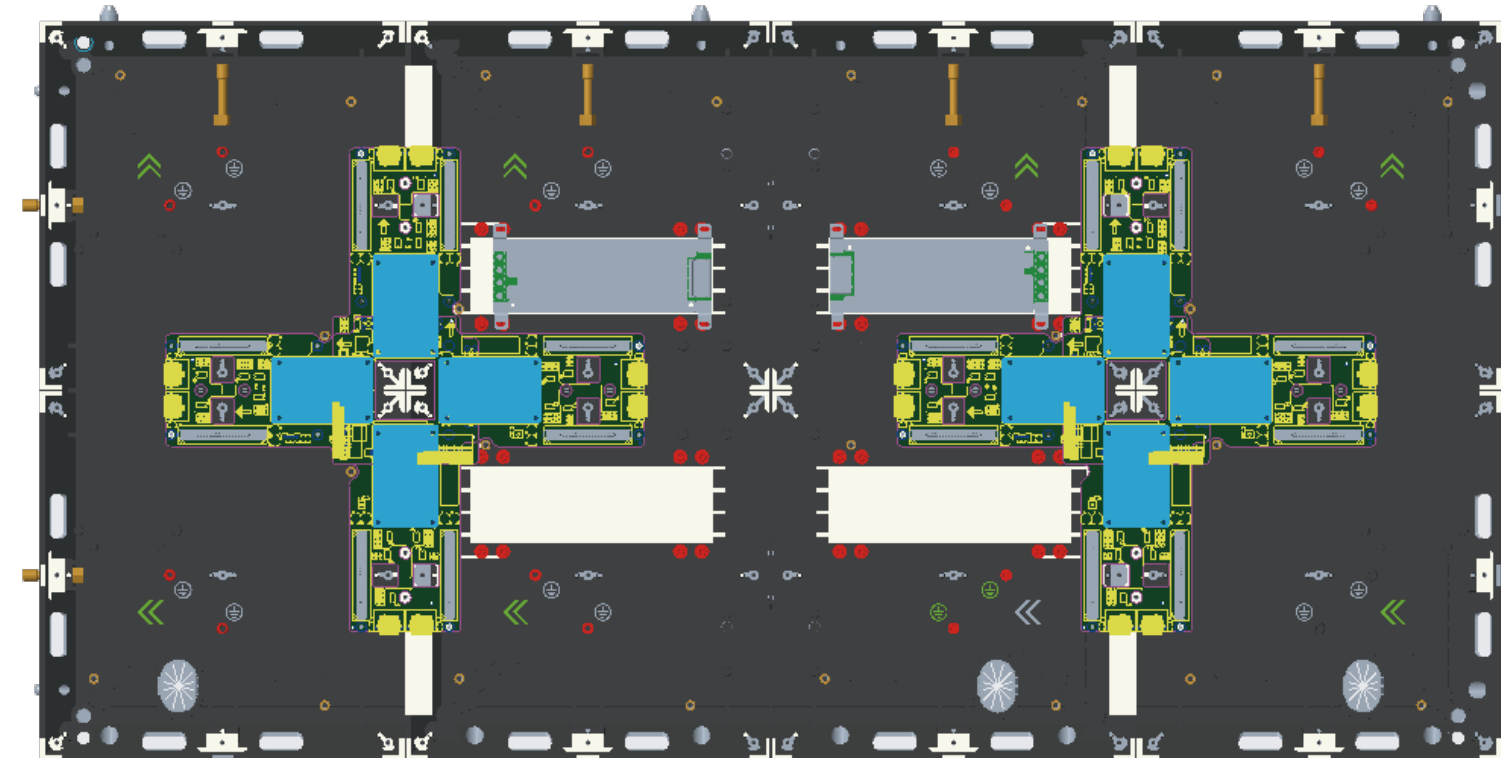
High Brightness

L Series can be installed on the window with a 3500 nits high brightness display.



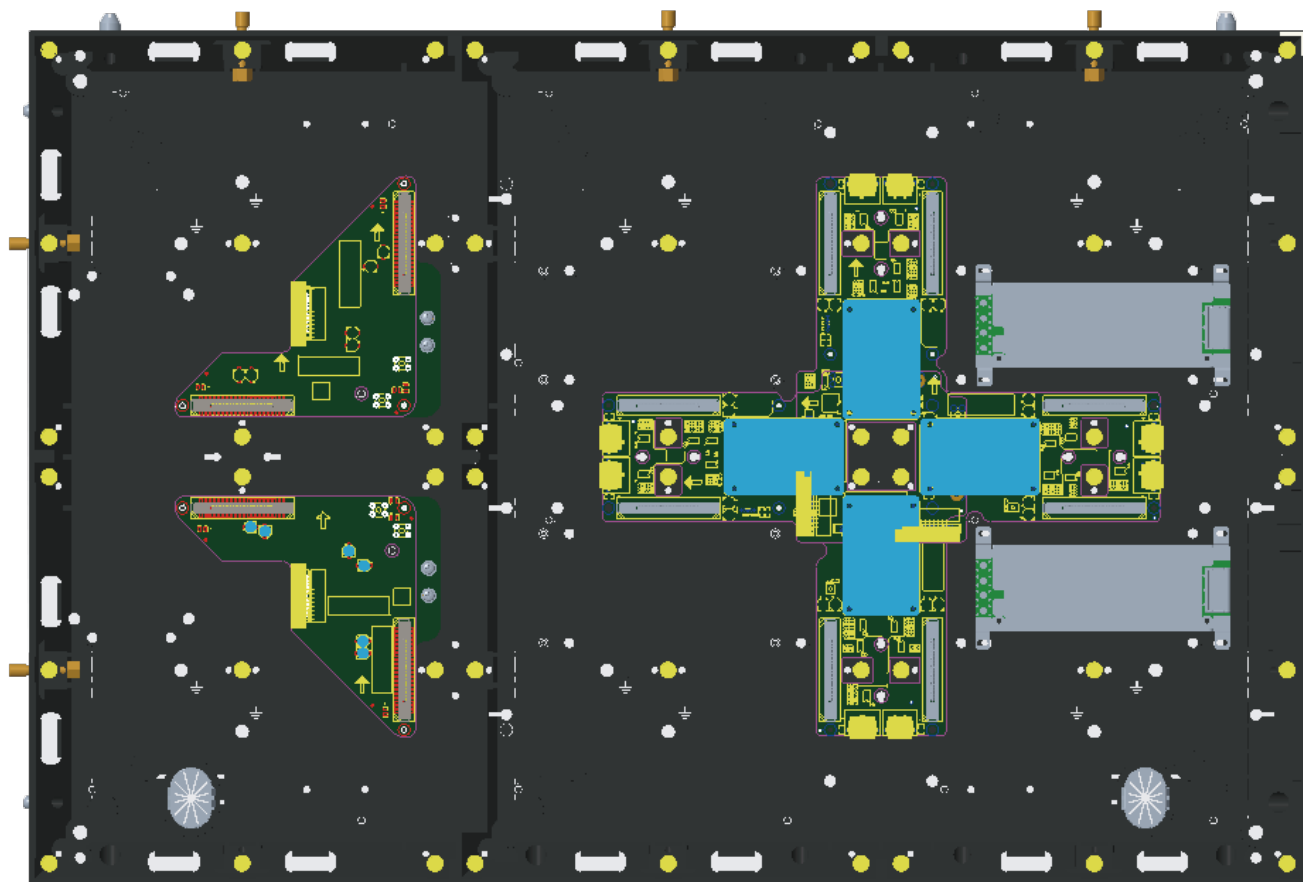
Optional Dual Backups

L Series supports optional dual backups of power and signal.Users can decide if they need this redundancy.When in use, if there's a power failure or signal issue, the backups will kick in. This ensures the displaykeeps running smoothly, maintaining the integrity of the shown information.



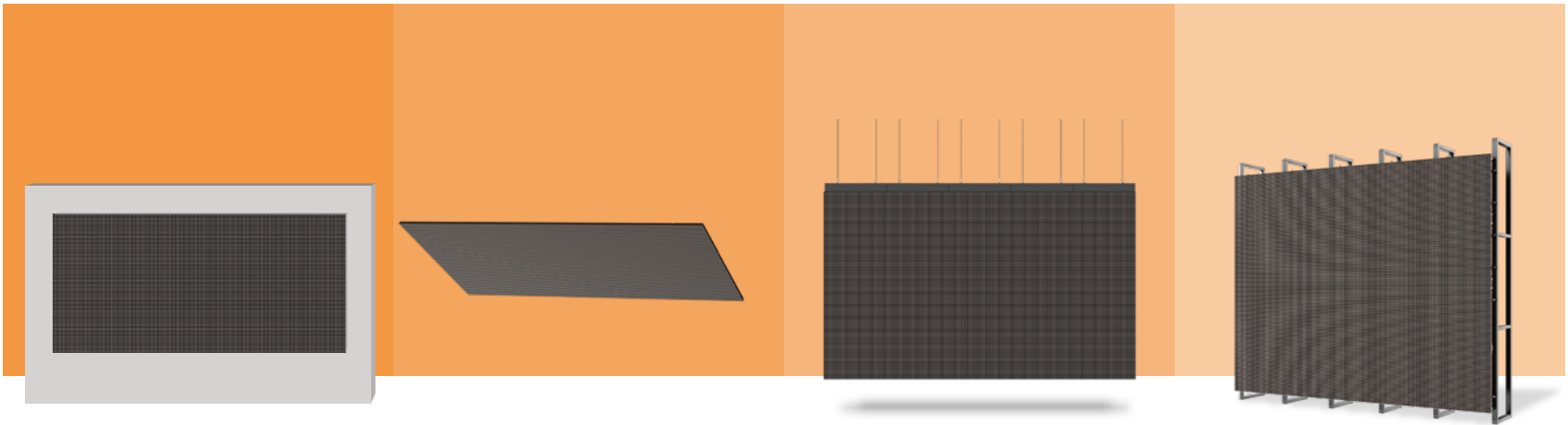
Wireless Connection

L Series enables wireless connections to remain stable even after 90°rotation. And simplifies the innerstructure with wireless connections for higher-efficiency maintenance.



Multiple Installation

Supports wall-mounting, ceiling, stacking, and hanging (maximum height: 4m).



Wall-mounting

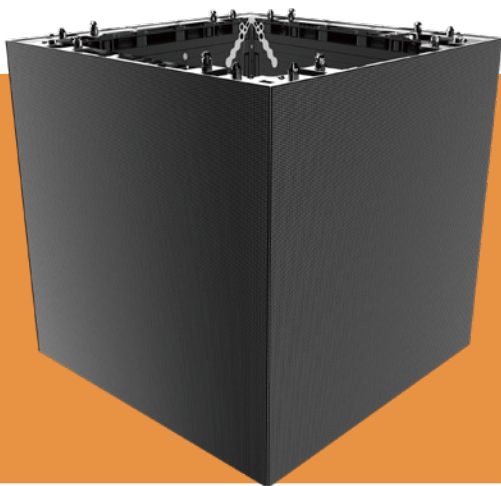
Ceiling

Hanging

Stacking

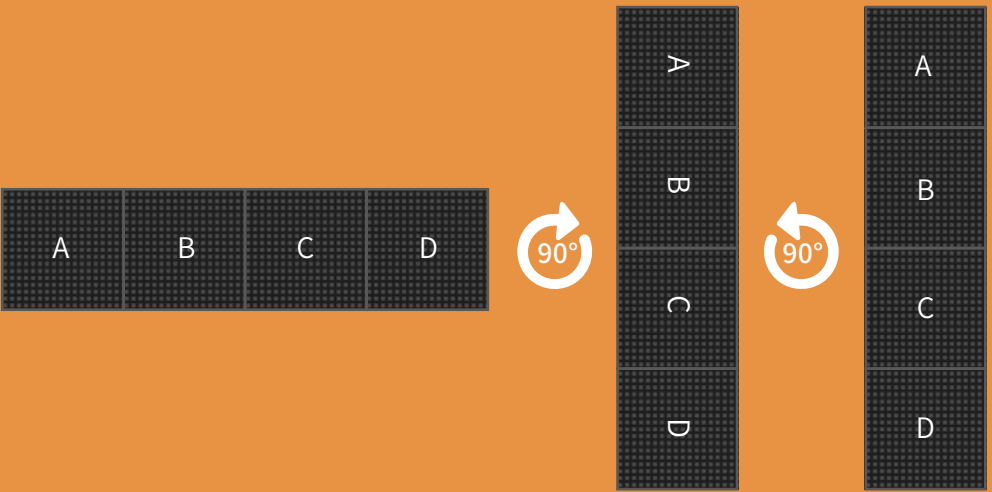
Perfect 90° Splicing

45° bevel is optional to splice L shapes to realize more creativity.



Perfect Cube Splicing

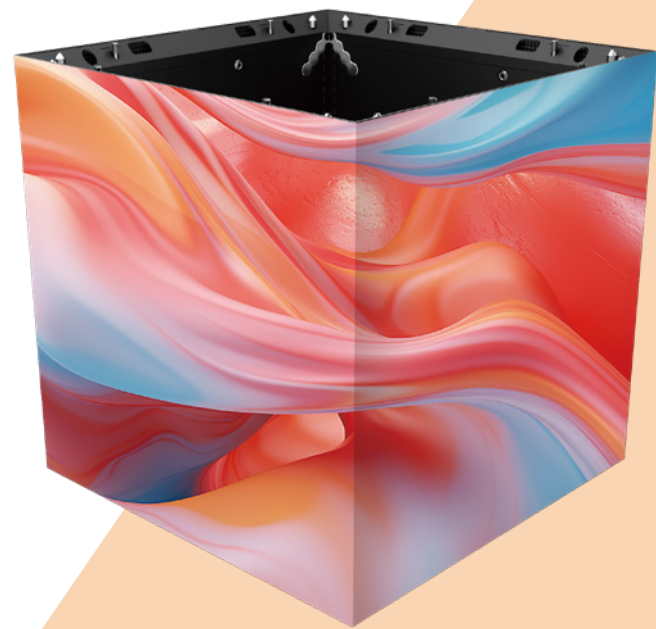
Four sides 45° bevel is optional to splice cubes to realize more creativity.



90° Rotation

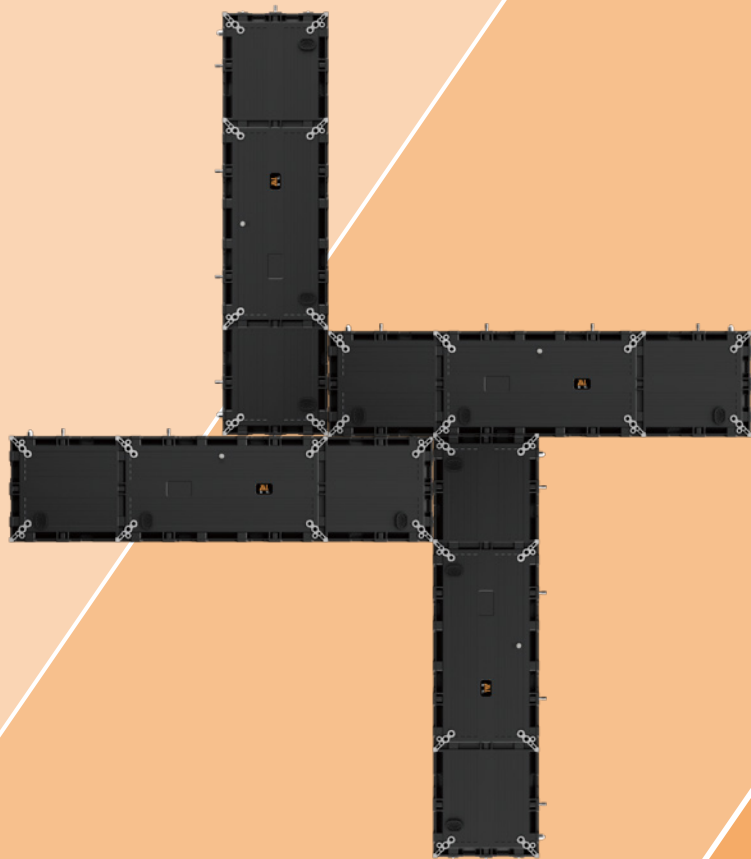
As modules are wired center-symmetrically, L Series supports 90° rotated assembly without color cast, providing higher flexibility.

Spliced design



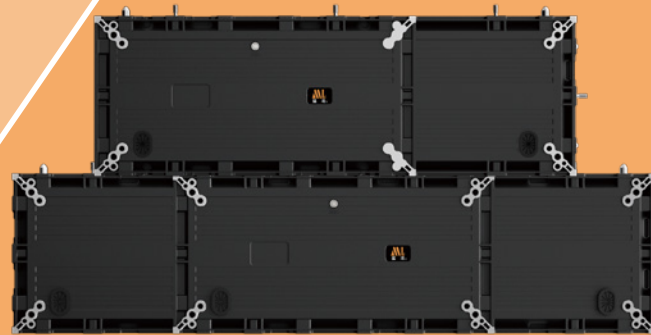
Four-sided splicing

The right-angle four-sided column splicing is composed of multiple LED modules, forming a three-dimensional structure and presenting a variety of dynamic three-dimensional senses.



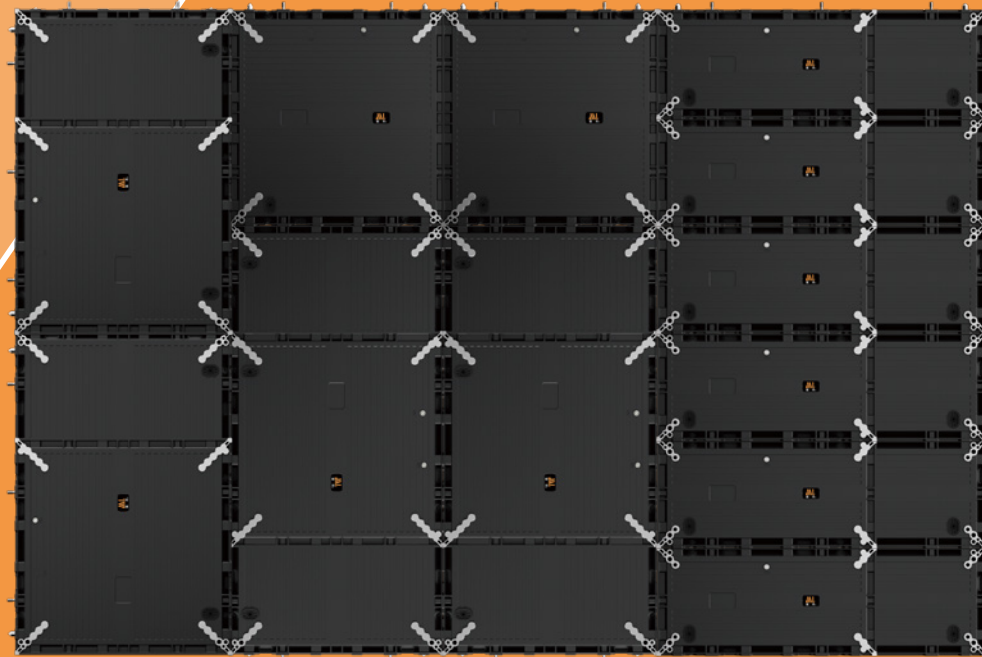
Horizontal and vertical splicing

It supports 90° rotation and horizontal and vertical splicing. There is no difference in the module and viewing angle, and it has a quick-lock function.



Staggered splicing

It can achieve staggered seamless splicing, and supports all-round angle adjustment. It combines the functions of staggered splicing and precise alignment, and adopts a quick snap-in installation design.



Mixed splicing

The mixed splicing technology can support the splicing of LED screens of different sizes, breaking the limitations of traditional single-size splicing, and making the splicing solutions more flexible and diverse.

Product Parameters of L Series - Indoor

Pixel Pitch	1.5625mm	1.953mm	2.604mm
Pixel Configuration	1R1G1B	1R1G1B	1R1G1B
LED Type	SMD1010	SMD1515/1010	SMD1515/1921
Brightness（Max）	800 nit	1000 nit/3000 nit	1000 nit/3500 nit
White Balance Brightness	600 nit	800 nit/2500 nit	800 nit/3000 nit
Color Temperature	6500K-9300K（adjustable）	6500K-9300K（adjustable）	6500K-9300K（adjustable）
Viewing Angle	H160°/140°	H160°/140°	H160°/140°
Pixel Density	409600	262144	147456
Module Size	W250xH250mm	W250xH250mm	W250xH250mm
Module Resolution	160x160 dots	128x128 dots	96x96 dots
Cabinet Size	W1000XH500XD28mm/W750XH500XD28mm/W500XH500XD28mm/W500XH250XD28mm/W1000XH250XD28mm/W750XH250XD28mm		
Cabinet Resolution	320x640/320x480/320x320/320x160/ 640x160/480x160 dots	256x512/256x384/256x256/256x128/ 512x128/384x128 dots	192x384/192x288/192x192/192x96/ 384x96/288x96 dots
Cabinet Weight	9.5/7.5/5/2.8/5.2/4	9.5/7.5/5/2.8/5.2/4	9.5/7.5/5/2.8/5.2/4
IP Rating	IP20	IP20	IP20
Operating Temperature/Humidity	-30°C~-+50°C/10%~90%RH	-30°C~-+50°C/10%~90%RH	-30°C~-+50°C/10%~90%RH
Storage Temperature/Humidity	-40°C~~+80°C/10%~90%RH	-40°C~~+80°C/10%~90%RH	-40°C~~+80°C/10%~90%RH
Gray Scale	14-16bit	14-16bit	14-16bit
Contrast Ratio	8000:1	8000:1	6000:1
Refresh Rate	3840Hz	3840Hz	3840Hz
Input power frequency	50/60 Hz	50/60 Hz	50/60 Hz
Input Voltage	AC100~240V (+/-10%)	AC100~240V (+/-10%)	AC100~240V (+/-10%)
Input Power (Max)	<550W/m²	<510W/m²	<510W/m²
Input Power (Avg)	<138W/m²	<170W/m²	<170W/m²
Installation Mode	Floor Mounted/Hanging	Floor Mounted/Hanging	Floor Mounted/Hanging
Maintenance Mode	Front/Rear Maintenance	Front/Rear Maintenance	Front/Rear Maintenance
Driving Type	Constant Current,1/24 Scanning	Constant Current,1/24 Scanning	Constant Current,1/24 1/48Scanning
Signal Transmission Distance	CAT5 Cable (L≤100m), multi-mode fiber (L≤300m), single mode fiber (L≤10km)	CAT5 Cable (L≤100m), multi-mode fiber (L≤300m), single mode fiber (L≤10km)	CAT5 Cable (L≤100m), multi-mode fiber (L≤300m), single mode fiber (L≤10km)
Power Supply	WVP/Xingxiu 200W	WVP/Xingxiu 200W	WVP/Xingxiu 200W
Driver Chips	ICN1065S(Chipone)	ICN1065S(Chipone)	ICN1065S(Chipone)
Receiving Card	A8S-N/A10S PRO（Nova）	A8S-N/A10S PRO（Nova）	A8S-N/A10S PRO（Nova）

Pixel Pitch	3.1mm	3.9mm	5.2mm
Pixel Configuration	1R1G1B	1R1G1B	1R1G1B
LED Type	SMD2020/1921	SMD2020/1921	SMD2020/1921
Brightness（Max）	1000 nit/3500 nit	1000 nit/3500 nit	1000 nit/3500 nit
White Balance Brightness	800 nit/3000 nit	800 nit/3000 nit	800 nit/3000 nit
Color Temperature	6500K-9300K（adjustable）	6500K-9300K（adjustable）	6500K-9300K（adjustable）
Viewing Angle	H160°/140°	H160°/140°	H160°/140°
Pixel Density	102400	65536	36864
Module Size	W250xH250mm	W250xH250mm	W250xH250mm
Module Resolution	80x80 dots	64x64 dots	48x48 dots
Cabinet Size	W1000XH500XD28mm/W750XH500XD28mm/W500XH500XD28mm/W500XH250XD28mm/W1000XH250XD28mm/W750XH250XD28mm		
Cabinet Resolution	160x320/160x240/160x160/160x80/ 320x80/240x80 dots	128x256/128x192/128x128/128x64/ 256x64/192x64 dots	96x192/96x144/96x96/96x48/ 192x48/144x48 dots
Cabinet Weight	9.5/7.5/5/2.8/5.2/4	9.5/7.5/5/2.8/5.2/4	9.5/7.5/5/2.8/5.2/4
IP Rating	IP20	IP20	IP20
Operating Temperature/Humidity	-30°C~-+50°C/10%~90%RH	-30°C~-+50°C/10%~90%RH	-30°C~-+50°C/10%~90%RH
Storage Temperature/Humidity	-40°C~~+80°C/10%~90%RH	-40°C~~+80°C/10%~90%RH	-40°C~~+80°C/10%~90%RH
Gray Scale	14-16bit	14-16bit	14-16bit
Contrast Ratio	6000:1	6000:1	6000:1
Refresh Rate	3840Hz	3840Hz	3840Hz
Input power frequency	50/60 Hz	50/60 Hz	50/60 Hz
Input Voltage	AC100~240V (+/-10%)	AC100~240V (+/-10%)	AC100~240V (+/-10%)
Input Power (Max)	<580W/m²	<580W/m²	<580W/m²
Input Power (Avg)	<145W/m²	<145W/m²	<145W/m²
Installation Mode	Floor Mounted/Hanging	Floor Mounted/Hanging	Floor Mounted/Hanging
Maintenance Mode	Front/Rear Maintenance	Front maintenance	Front maintenance
Driving Type	Constant Current,1/24 Scanning	Constant Current,1/16 1/32 Scanning	Constant Current,1/24 Scanning
Signal Transmission Distance	CAT5 Cable (L≤100m), multi-mode fiber (L≤300m), single mode fiber (L≤10km)	CAT5 Cable (L≤100m), multi-mode fiber (L≤300m), single mode fiber (L≤10km)	CAT5 Cable (L≤100m), multi-mode fiber (L≤300m), single mode fiber (L≤10km)
Power Supply	WVP/Xingxiu 200W	WVP/Xingxiu 200W	WVP/Xingxiu 200W
Driver Chips	ICN1065S(Chipone)	ICN2153S(Chipone)	ICN1065S(Chipone)
Receiving Card	A8S-N/A10S PRO（Nova）	A8S-N/A10S PRO（Nova）	A8S-N/A10S PRO（Nova）