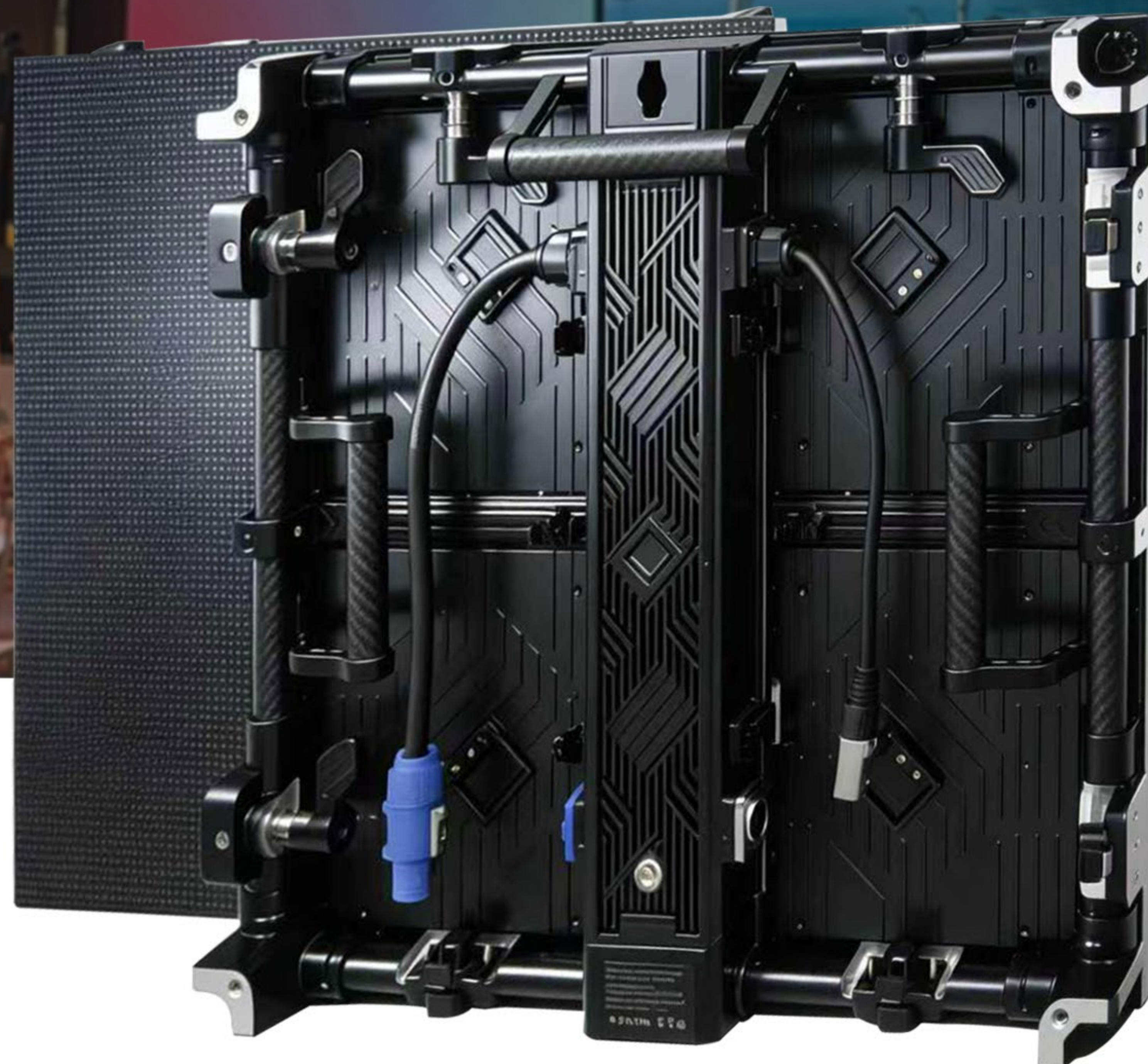


Carbon Series

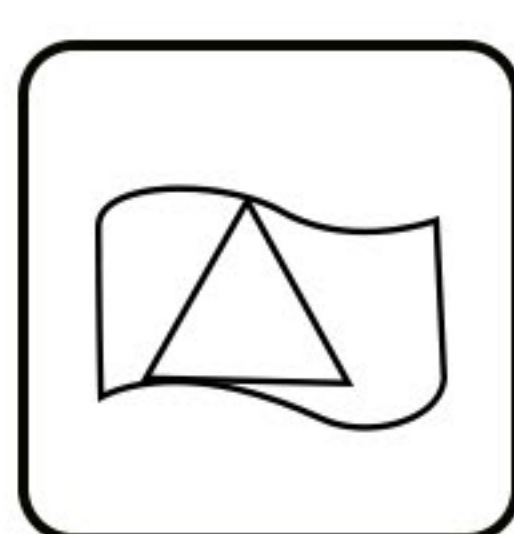
Innovational Design for Large Stage Solution



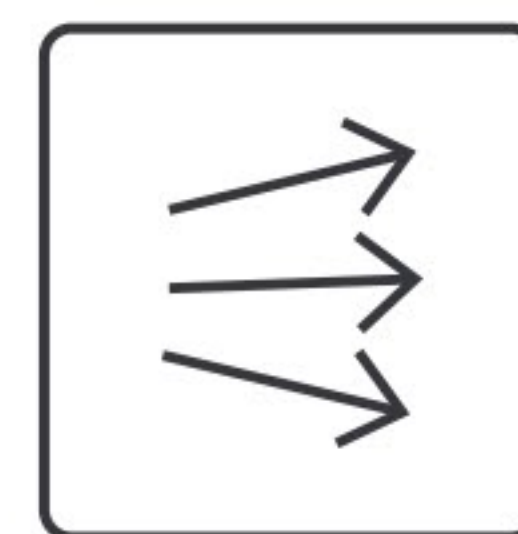
5KG



Ultra light
Strong structure



Multiple
shapes

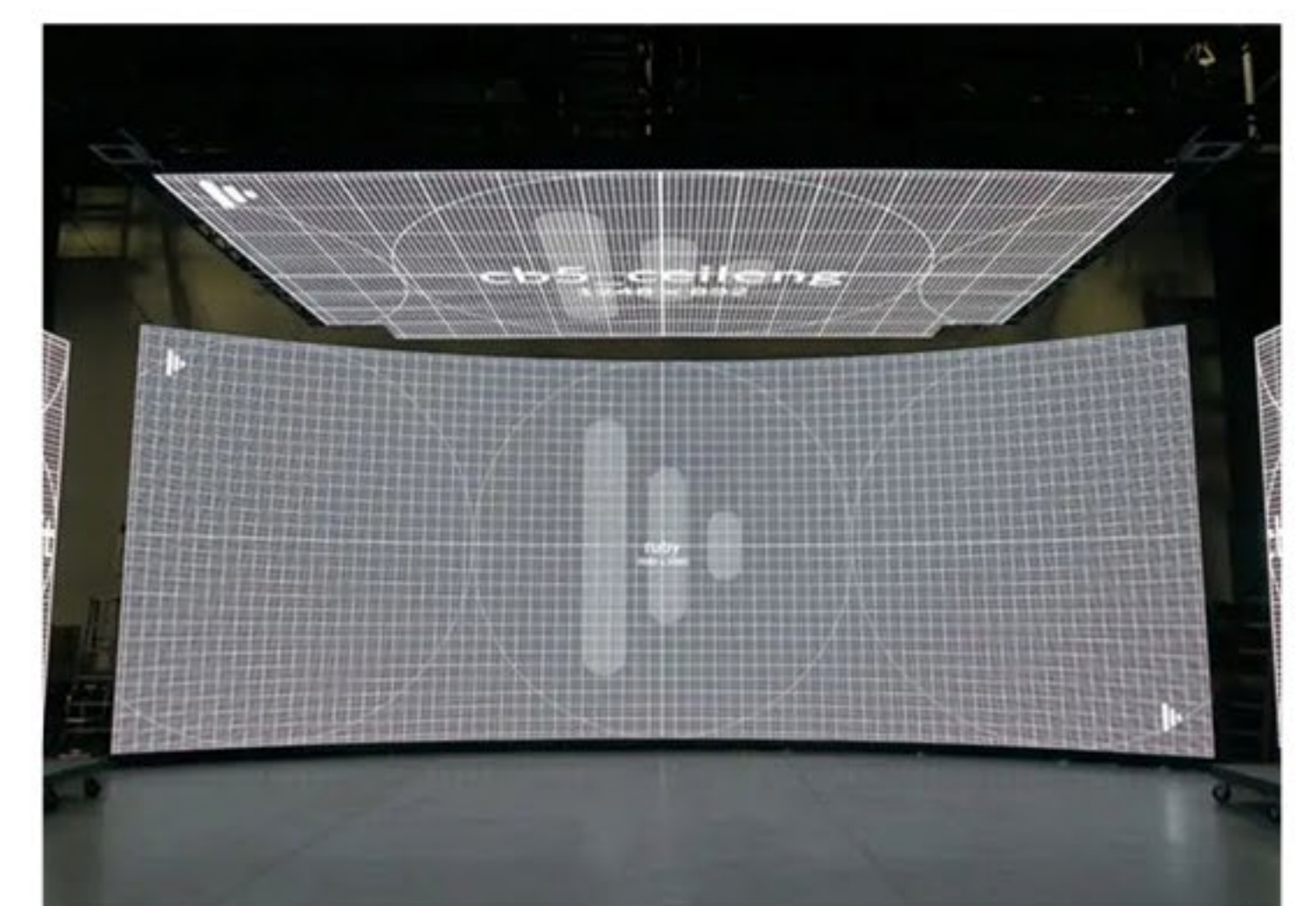
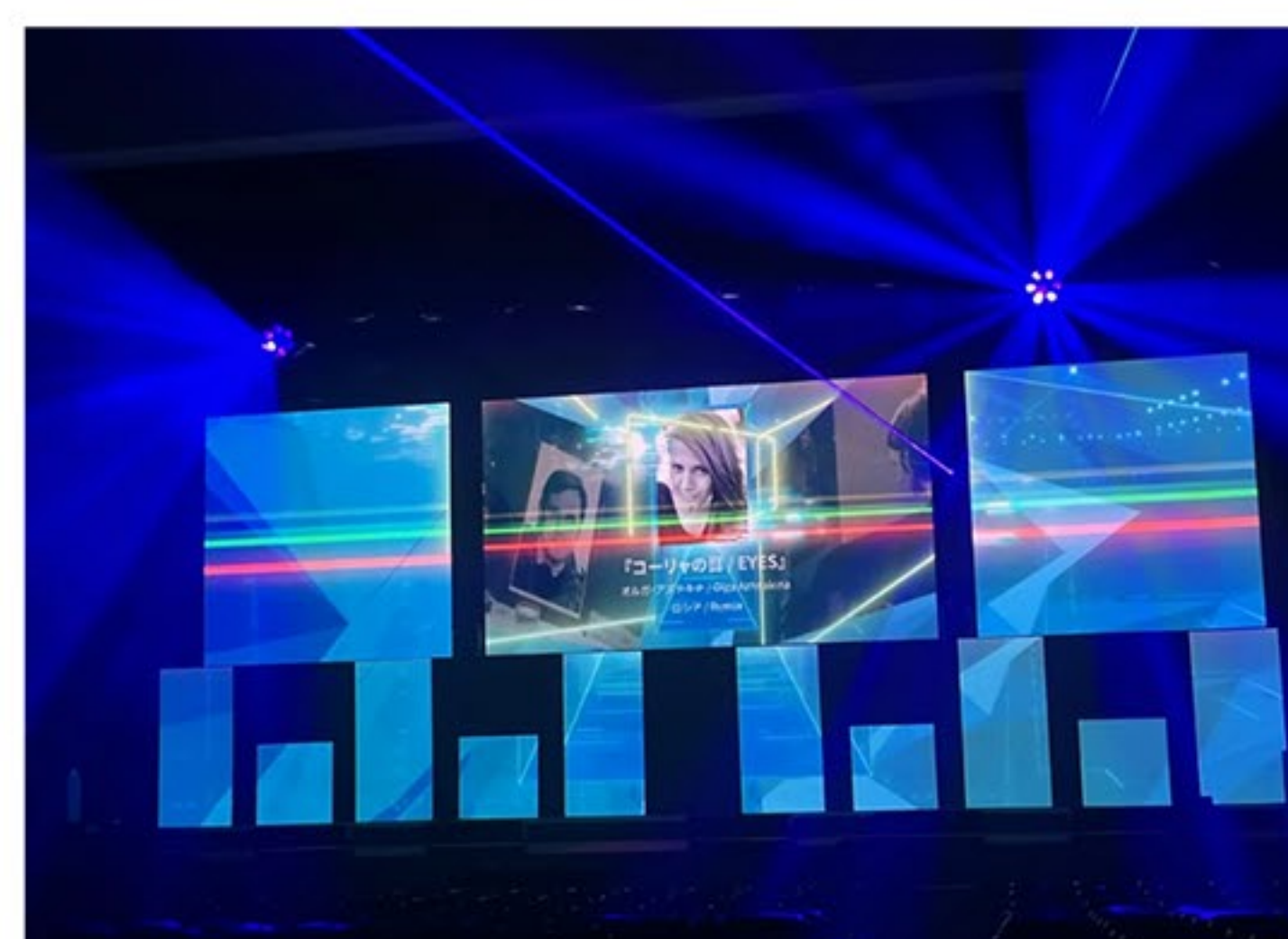
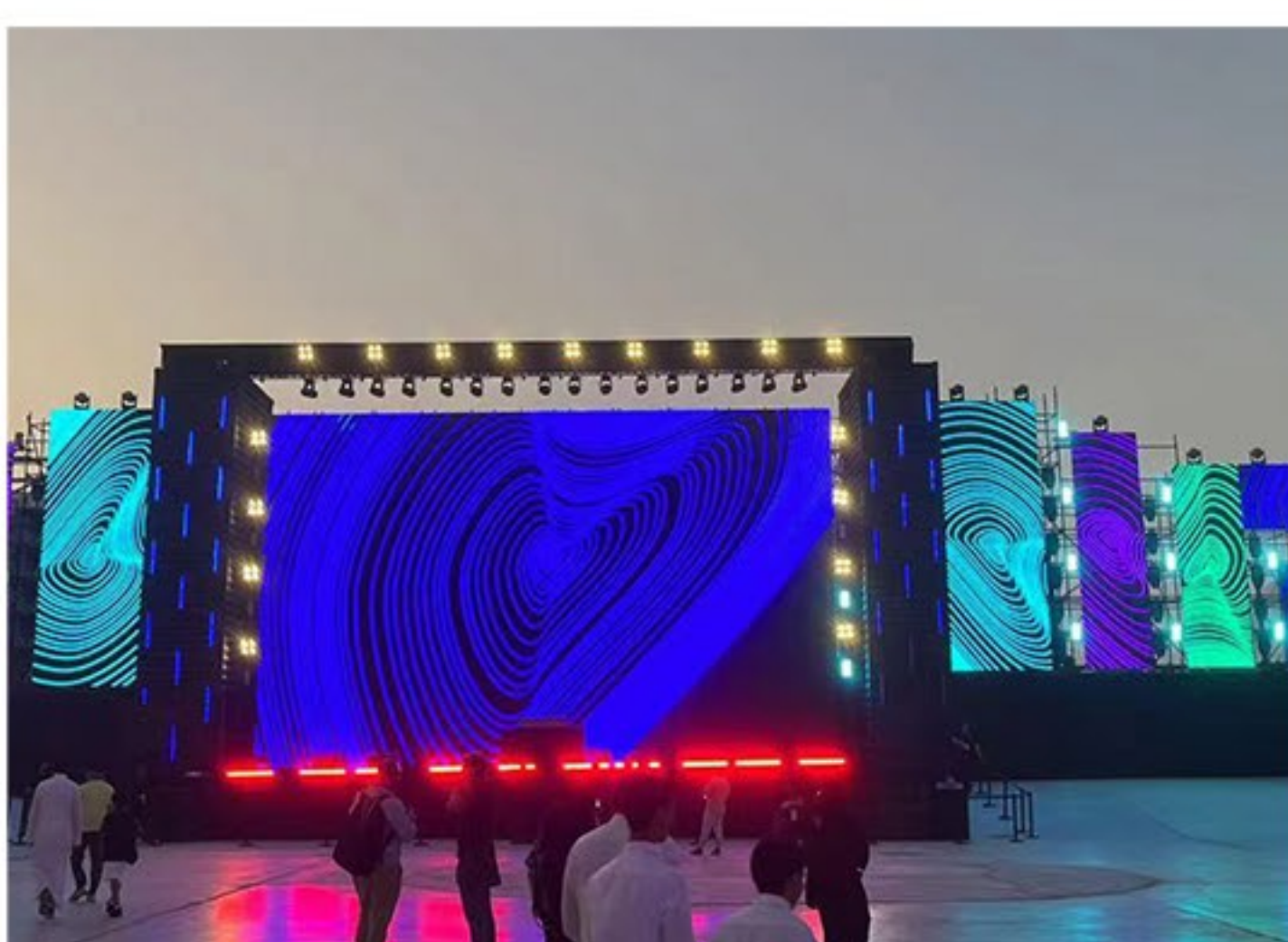


Improved heat
dissipation



Performance
innovation

► Various applications



Touring / Festivals / Immersive stage / Virtual production ceiling

All about stage - Carbon / Carbon SE- S:500×500mm,E:500×1000mm,X:Transparent 500×1000mm,Y:1000×1000mm

L:Transparent 1000×1000mm,A:Curveable 500×500mm,D:Sector 500×500mm,I:Triangle 500×500mm

Innovational Mechanical Design

Ultra light, stronger structure

-Carbon panels offer 30% weight reduction compared to traditional panels, it is easier and faster to install and maintain, guaranteeing efficient servicing. and the reduced weight and easy handling will lower costs on transportation and labor.

Heat dissipation

-Industrial heat dissipation design



Multiple shapes



Successful stories

Carbon SE - P2.6mm | 150SQM | Immersive stage

Actors can interact directly with the led wall scenery, allowing them to get into character quickly, delivering an immersive experience to all audiences.



Carbon - P1.9mm | 100SQM | Corporate event | Barcelona 2025

The company creating a working environment fit for future,making a jaw-dropping led screen and wow-worthy moment, and this highest-resolution led wall, capable of showing every single detail, were necessary for precise content creation.



► Technical specifications - Carbon SE

ITEM	PITCH	P1.5mm	P1.9mm	P2.6mm	P2.9mm	P3.9mm
Key Function	Technology	Carbon fiber, Multiple shapes, Thermal simulation technoloty, Brompton system available				
Mechanical	LED Type	SMD1010	SMD1515	SMD1515	SMD1415	SMD1921
	Pixel Density(dot/m²)	410,913	262,984	147,474	113,367	65,410
	Module Size (W x H) (mm)	250mm x 250mm	500mm x 250mm			
	Moduel Resolution (W x H) (pixels)	160 x 160	256 x 128	192 x 96	168 x 84	128 x 64
	Panel Size (W x H) (mm)	500mm x 500mm (19.66" x 19.66")				
	Panel Resolution (W x H) (pixels)	320 x 320	256 x 256	192 x 192	168 x 168	128 x 128
	Panel Material	Carbon fiber + Die-casting aluminum				
	Panel Weight	5.3KG			5.5KG	
	Service	F/R			F/R	
	IP Rating	Indoor IP21			F: IP65, R: IP54	
Optical	Brightness	700nits	800nits	800nits	4000nits (white leds)	
	Brightness	/	/	/	3000nits (black leds)	
	Refresh Rate	3840 ~7680Hz			3840 ~ 7680Hz	
	Color Temperature	6500K ± 500K			9000K ± 500K	
	Power Consumption (Avg./Max.)	200W / 500W			240W / 720W	
	Supported Frame Rate	50/60Hz				
	Grey Level	14~16bit				
	View Angel (H/V) (°)	160/160				
	Input(V)	110-220V, 50-60Hz				
	Operating Temp/Humidity	-20 ~ 50 °C/ 10% ~ 90%				
	Certification	ETL/FCC/CE/CCC				

Remarks: The parameters are only for reference. The actual parameters may differ depending on the specific order.

► Technical specifications - Carbon

ITEM	PITCH	P1.5mm	P1.9mm	P2.6mm	P2.9mm	P3.9mm
Key Function	Technology	Carbon fiber, Multiple shape, Thermal simulation technology, Brompton system available				
Mechanical	LED Type	SMD1010	SMD1515	SMD1515	SMD1415	SMD1921
	Pixel Density(dot/m²)	410,913	262,984	147,474	113,367	65,410
	Module Size (W x H) (mm)	250mm x 250mm	500mm x 250mm			
	Moduel Resolution (W x H) (pixels)	320 x 160	256 x 128	192 x 96	168 x 84	128 x 64
	Panel Size (W x H) (mm)	500mm x 500mm (19.66" x 19.66")				
	Panel Resolution (W x H) (pixels)	320 x 320	256 x 128	192 x 192	168 x 168	128 x 128
	Panel Material	Carbon fiber + Die-casting aluminum				
	Panel Weight	5.3KG			5.5KG	
	Service	F/R			F/R	
	IP Rating	F:IP43, R:IP21			F: IP65, R: IP54	
Optical	Brightness	800nits	800nits +	1000nits +	4500nits (white leds)	
	Brightness	/	/	/	3500nits (black leds)	
	Refresh Rate	7680Hz			7680Hz	
	Color Temperature	6500K ± 500K			9000K ± 500K	
	Power Consumption (Avg./Max.)	200W / 500W			240W / 720W	
	Supported Frame Rate	30 60 100 120 144 240Hz (exclusively supported by the custom firmwares of A10s Pro & IC.)				
	Grey Level	16bit				
	View Angel (H/V) (°)	160/160				
	Input(V)	110-220V, 50-60Hz				
	Operating Temp/Humidity	-20 ~ 50 °C/ 10% ~ 90%				
	Certification	ETL/FCC/CE/CCC				

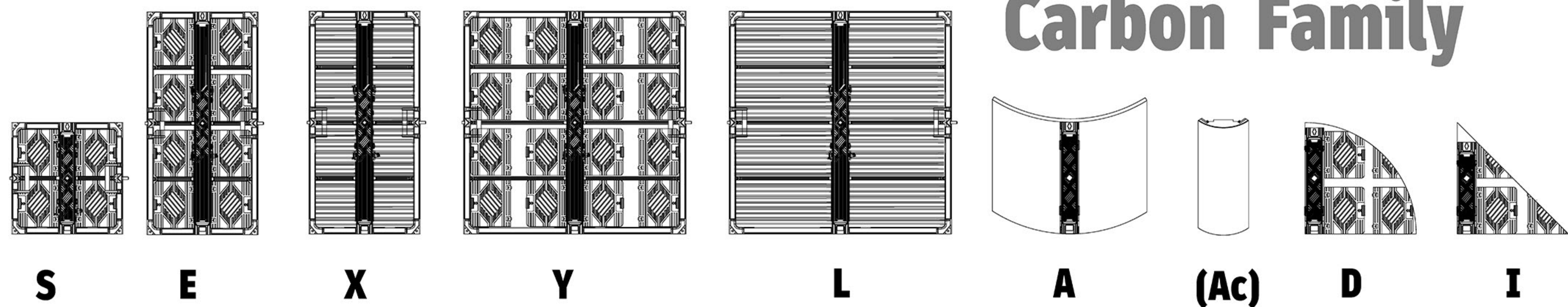
Remarks: The parameters are only for reference. The actual parameters may differ depending on the specific order.

All about stage - Carbon / Carbon SE- S:500×500mm,E:500×1000mm,X:Transparent 500×1000mm,Y:1000×1000mm

L:Transparent 1000×1000mm,A:Curveable 500×500mm,D:Sector 500×500mm,I:Triangle 500×500mm

WE HAVE MORE!

Carbon Family



Accessories



Bass Truss



Rear Brige



Data adaptor



Hanging beam



Flight case (1 for 10panels)
- 20GP - 142.5SQM, 40GP-315SQM

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All about stage - Carbon / Carbon SE- S:500×500mm,E:500×1000mm,X:Transparent 500×1000mm,Y:1000×1000mm
L:Transparent 1000×1000mm,A:Curveable 500×500mm,D:Sector 500×500mm,I:Triangle 500×500mm