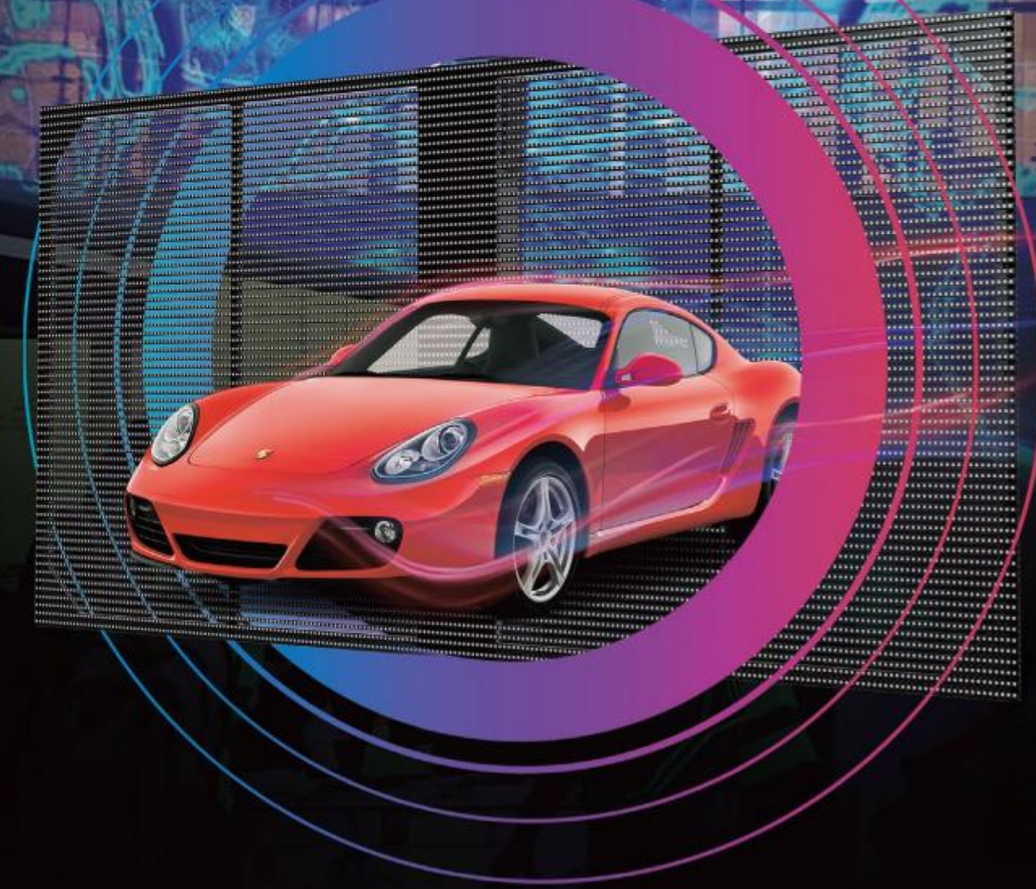
Carbon FiberLED Specification

ALS24M	ALS24M
Pixel Pitch	H3.9-V8.9(mm)
Pixel Density	28,672 pixels/m²
LED Type	SMD1921
LED Configuration	1 R 1G 1B, 3 in 1
Module Resolution	128x14 pixels
Module Dimension	500x125mm
Module Number	W2 x H4
Cabinet Dimension	1000x500x62mm
Cabinet Resolution	256x56 pixels
Cabinet Weight	5 kg/panel
Cabinet Material	Carbon Fiber
Standard Brightness	4,500nits
Optional Brightness	1,800nits/4,500nits
Brightness Control	Manual/Auto/Programmable
Color Temperate	6,500 K ~ 11,00K
Colors	281 Trillion
Contrast Ratio	3000 : 1
Gray Scale	16 bit
Refresh Rate	⩽3,840HZ (Configurable)
Viewing Distance	> 4 m
Ingress Protection	IP65
Maintenance	Front & Rear
Bezel Width	None
Gap Between Cabinets	Seamless
Max Power Consumption	800 W/SQM
Ave Power Consumption	260 W SQM
LED Life Time	100,000 Hours
Screen Angle	Flat, 90 degree, Concave & Convex
Standard Installation Method	Hanging
Max. Hanging Height	30m
Optional Installation Method	Stacking
Visual View Angle	160°/140° (H/V)
Video Frame Rate	50/60 HZ
Input Voltage	110-220V ± 10%
Date Interconnection	CAT5/6, Multi/Single-mode fiber
Operating Temperature	-20~ +45 °C
Signal Input Source	S-video,VGA,DVI,HDMI,SDI
Certificate	CE, EMC, LVD, RoHS

Carbon Fiber Transparent LED Display

Build Your Large LED Screen Fast & Easy



High Transparency

Suited for outdoor use (IP65)

Curving Option

Lightest weight & Highest strength

Modular design

Applications

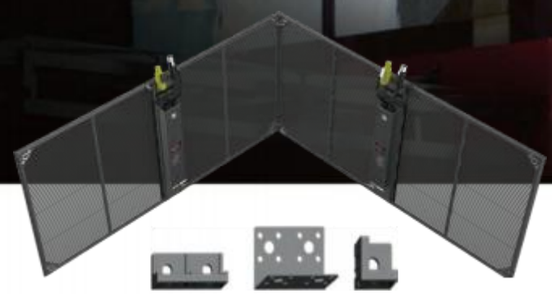
Stage Rental | Indoor Advertising | LED Ceiling | Sports Events | Exhibitions | Theaters

Extremely Light Weight & High Transparency

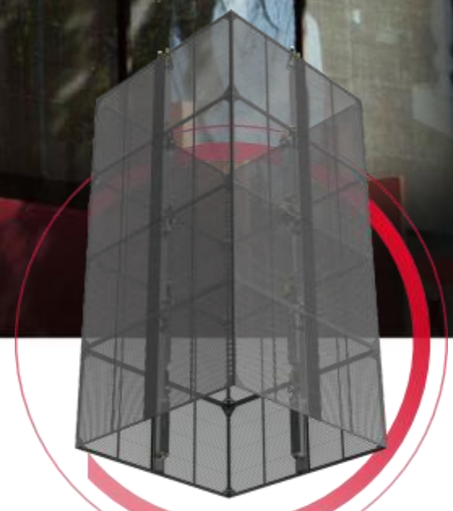
makes designers and artiest think outside the LED box

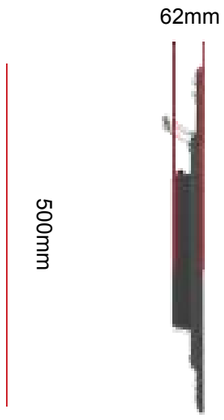
Modular Omnidirectional Box

3-dimensional cubic shape provide endless creative possibilities



90 degree accessories





Hanging & Stacking System

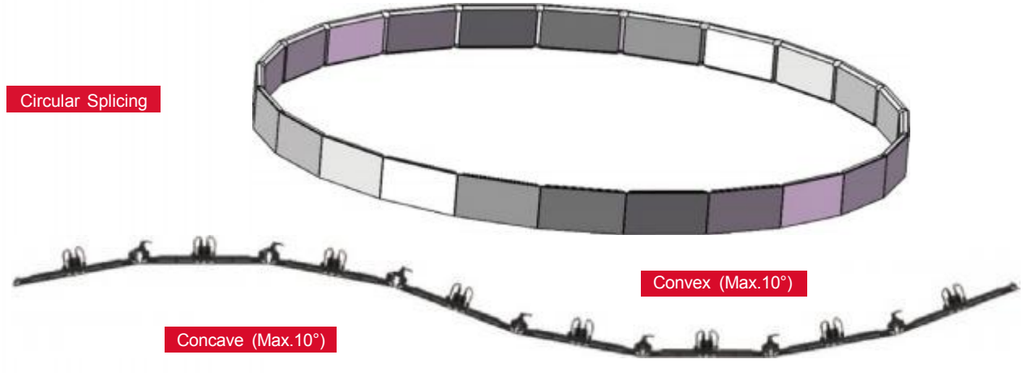
Magic lock system-easiest setup experience

Hanging System

Stacking System

Curve Lock System

Concave and convex curving capabilities provide a larger field of view and a more immersive experience.



Why carbon fiber?

Lighter | Thinner | Tougher | Faster

Comparison between aluminum & carbon fiber

	Aluminum	Carbon fiber	Carbon vs Aluminum
Density	2.82g/cm³	1.8g/cm³	-33%
Strength	410Mpa	4900Mpa	1000%