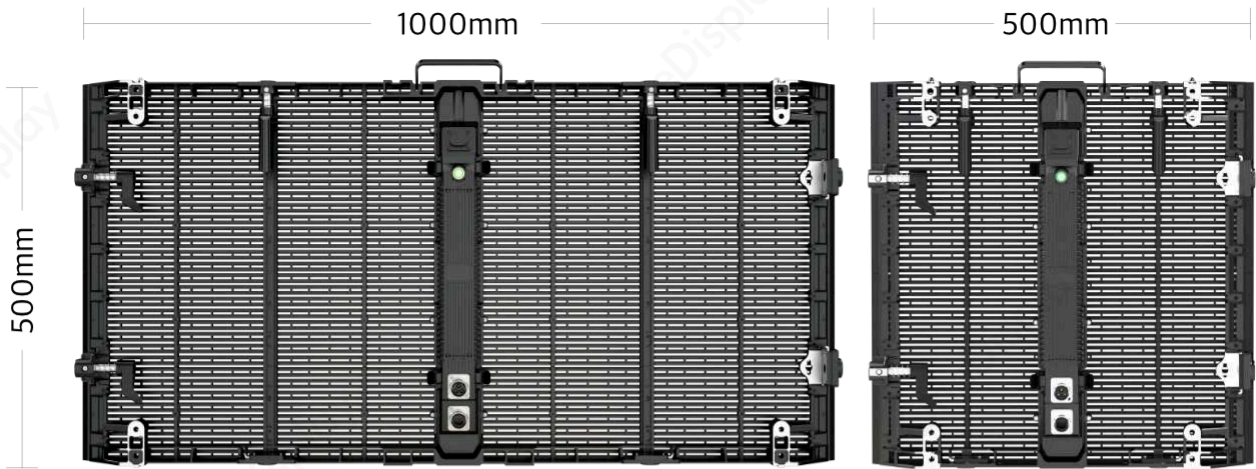


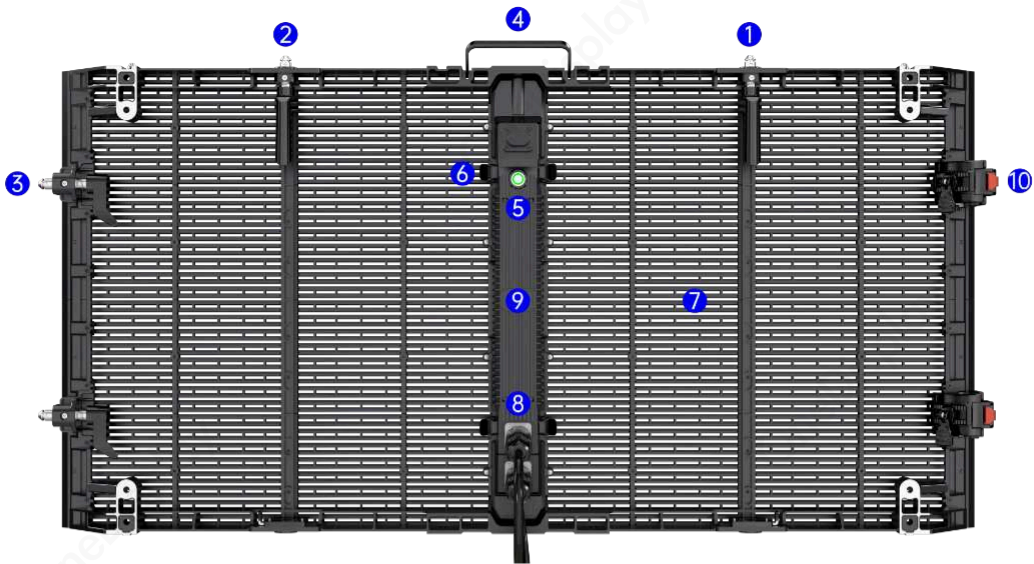
O-Crystal Pro / SERIES

**Outdoor Waterproof Transparent
Led Screen**



SPECIFICATION

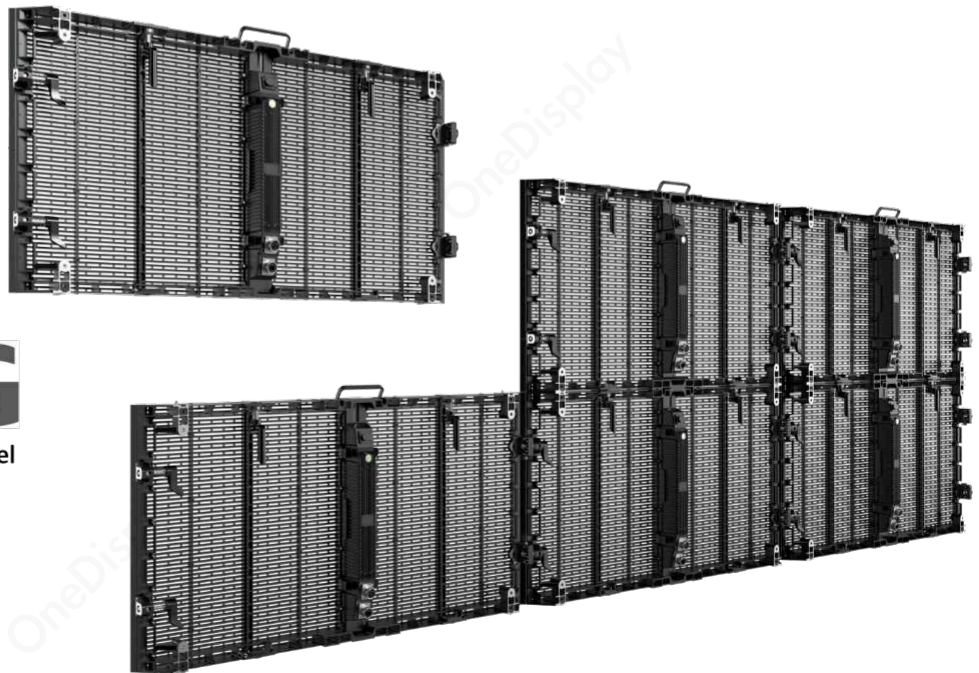
Pixel Pitch	3.9-7.8mm	5.2-10.4mm	10.4-10.4mm	15.6-15.6mm
LED lamp bead model	SMD1921	SMD1921	SMD2727	SMD2727
Pixel composition	1R1G1B	1R1G1B	1R1G1B	1R1G1B
Module Size(W*H)	500x250mm	500x250mm	500x250mm	500x250mm
Module Reslution(W*H)	129x32	96x24	48x24	32x16
Density of Pixel (dots/m ²)	32768	18432	9216	4096
Brightness(cd/m ²)	4500	4500	4500	4500
Scan Method	1/8 Scan	1/4 Scan	1/2 Scan	Static
Panel Size(W*H)	1000/500x500mm			
Module Arrangement(W*H)	2x4			
Panel Weight (kg/panel)	8.5kg			
Panel Material	Aluminum Die-casting			
Refresh rate	3,840Hz			
Viewing angle	140°/140°			
Gray Scale	14bits			
Contrast	6000:1			
Transparency rate	55%	58%	60%	75%
Module/Panel Fixed Way	Rear Access			
IP Grade	IP65			
Signal Input	HDMI、DVI			
Input Voltage	AC100V - AC240V @ 50Hz/60Hz			
Maximum power (W/m ²)	800	800	800	800
Average power (W/m ²)	240	240	240	240
Operating environment	-20°C~50°C 10%~90%RH			
Working time	≥7×24hrs ≥100000Hours			



- | | | | |
|--------------|------------------------------|---------------------------|--------------|
| 1. Main Lock | 4. Handle | 7. Module | 10. Arc lock |
| 2. Mate Lock | 5. Signal Light | 8. Signal and Power Input | |
| 3. Edge Lock | 6. Signal and Power Air-plug | 9. Power Supply Box | |

List of Structural Drawings

Designed for outdoor rental-grade deployments across stage productions, live events, and exhibition installations, featuring rapid-configuration compatibility with truss arrays.

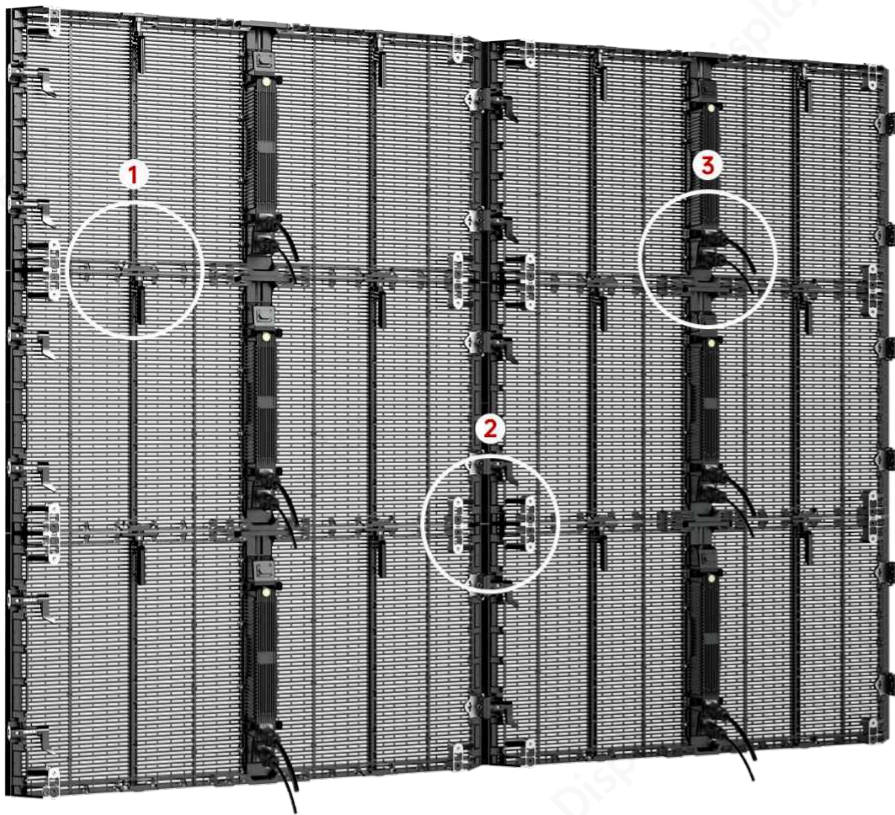


8.5KG

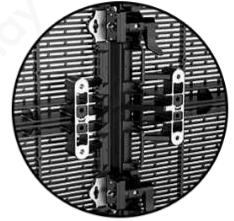
Extremely light-weight panel

List of Structural Drawings

Weighing just 8.5 kg, this cabinet combines featherlight construction with industrial-grade durability. Delivering ergonomic efficiency without compromising structural integrity.



1. Mate lock connection



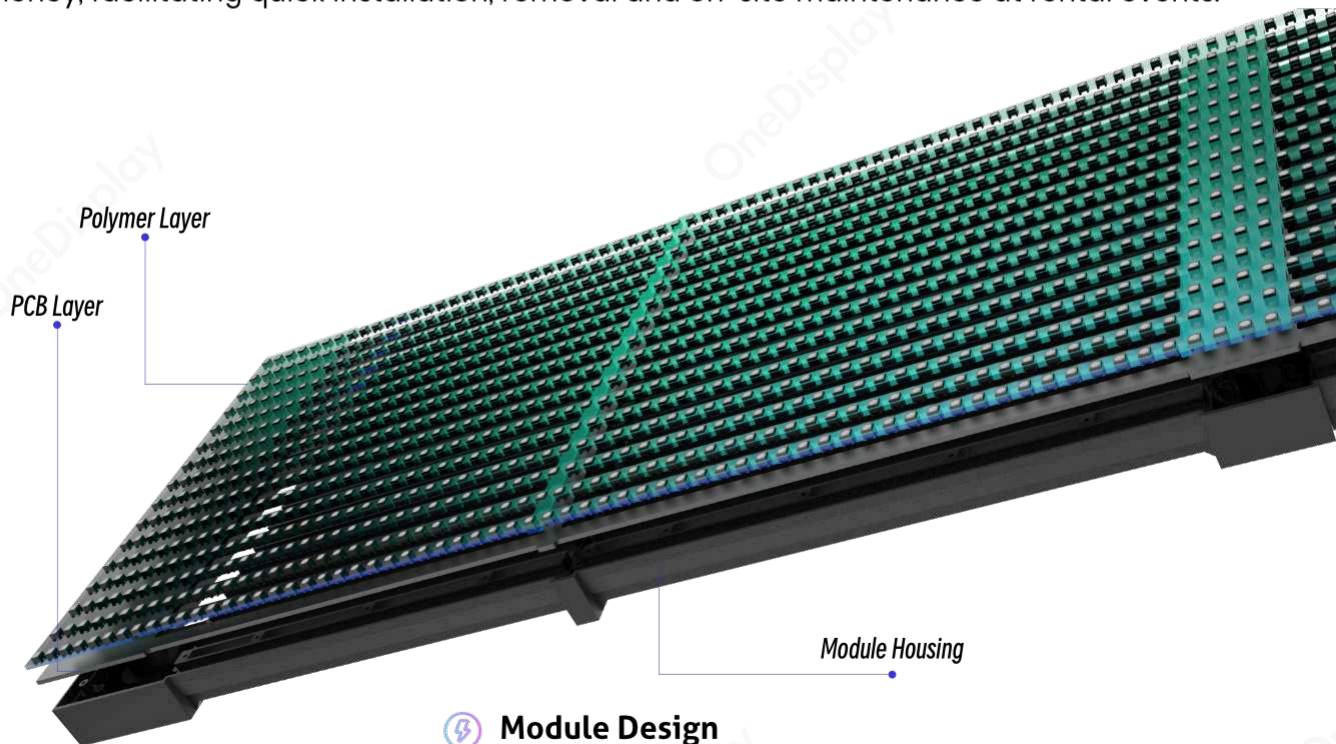
2. Panels assembling by connectors



3. Main lock connection

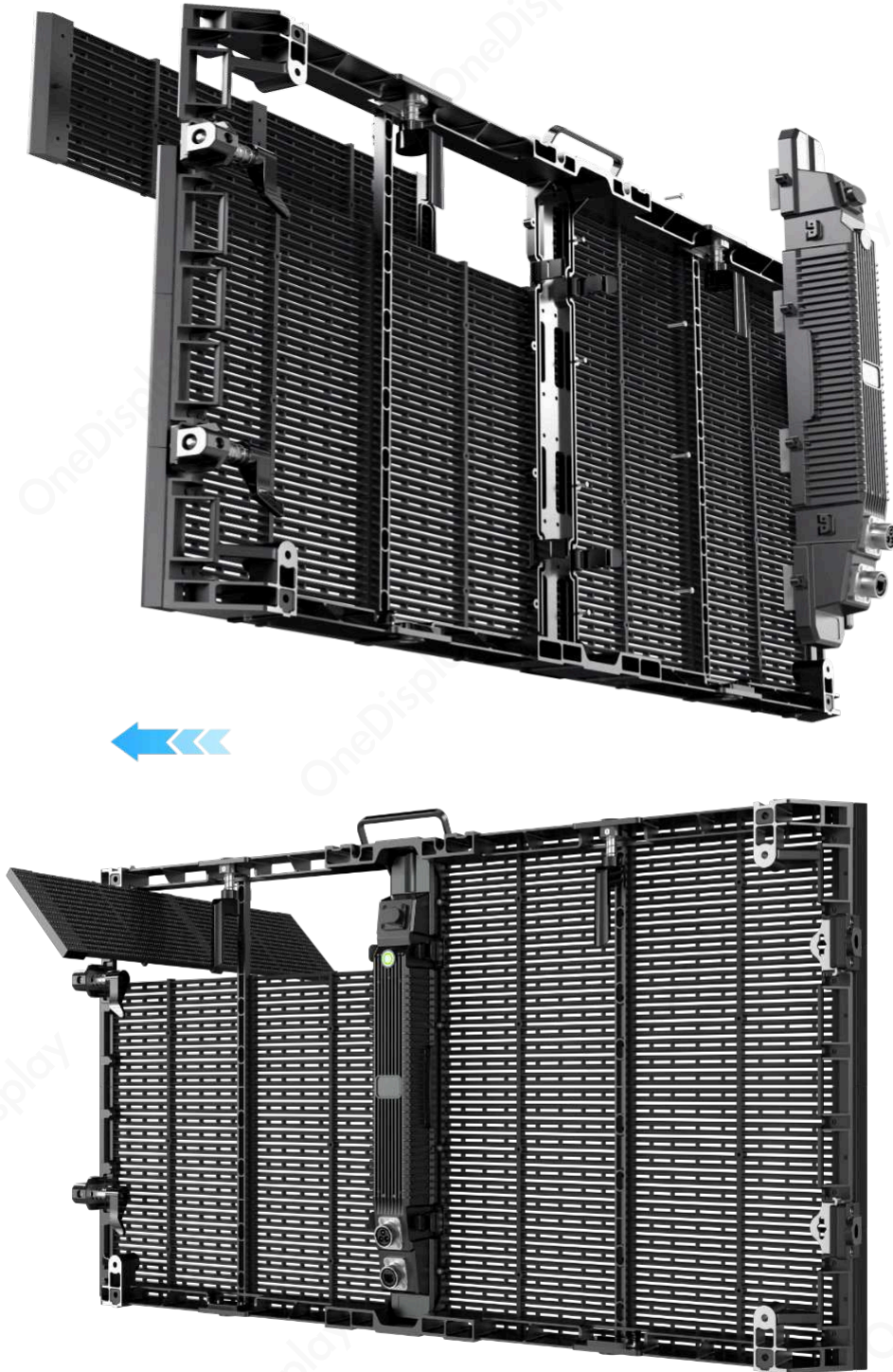
Installation & Maintenance.

All fastening locks feature a quick release structure that combines durability and operational efficiency, facilitating quick installation, removal and on-site maintenance at rental events.



Module Design

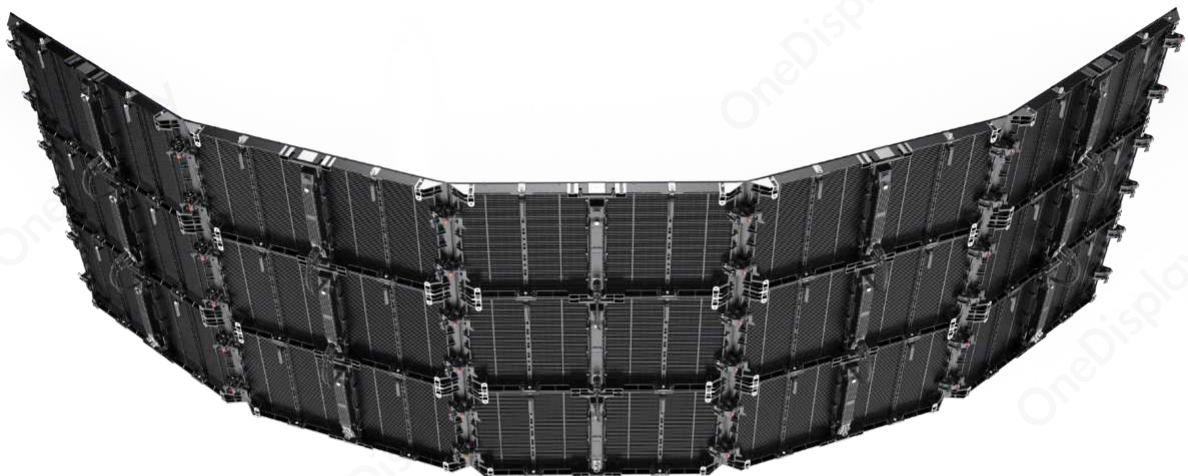
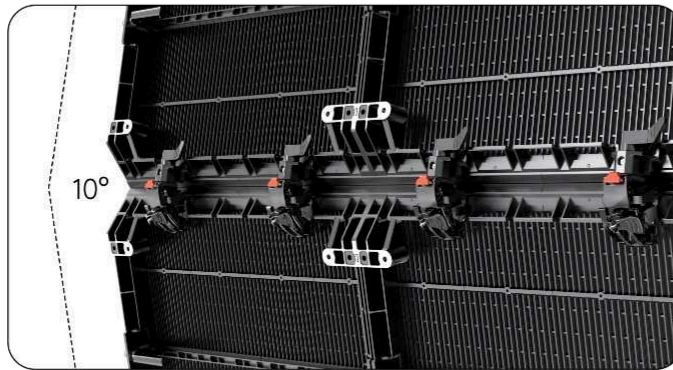
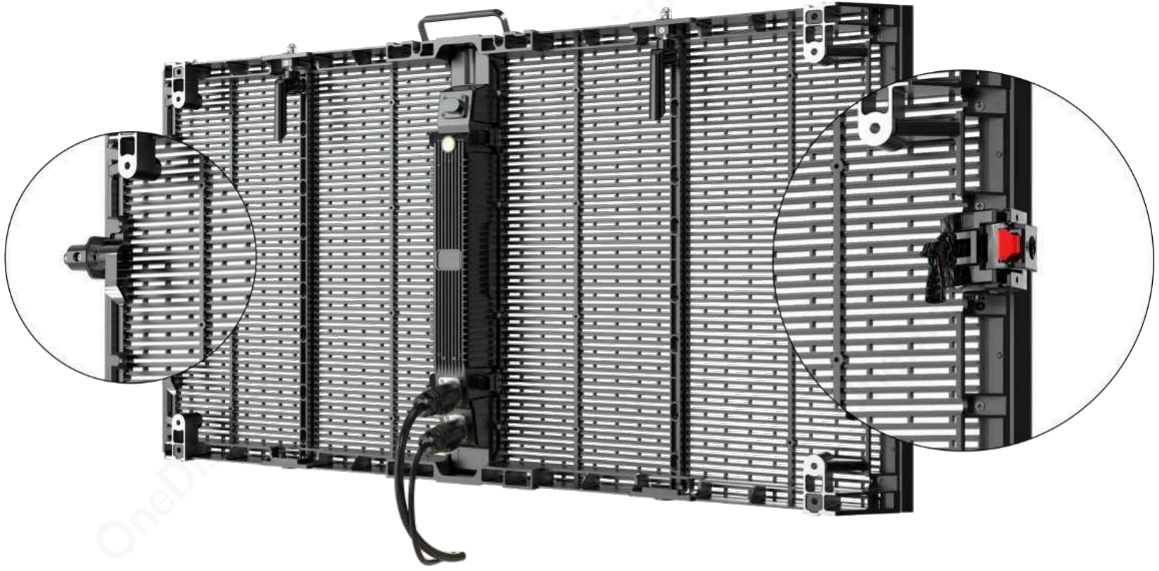
Designed with a polymer encapsulation to provide hermetic protection against mechanical stress and hydrostatic pressure,



 **Rear Access Fixed/Maintenance:**

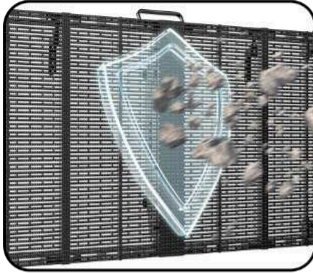
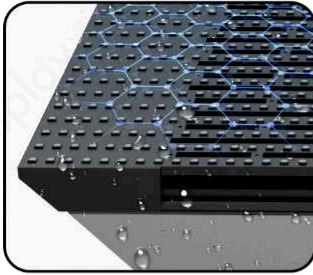
Modular & Power Supply feature rear-access maintenance/installation, preserving the clean, unobstructed display space at the front of stages/event venues.

Multiple installation methods



 **Optional curved lock available**

Sleek curved molding for indoor/outdoor use – bend the rules of design and create jaw-dropping displays that make your project unforgettable.



High protective performance

Waterproof enough for monsoons, UV-proof for desert sun, and bump-proof for clumsy crews. No more popped-off LEDs, even when your ladder slips mid-install.

WaterProof Design

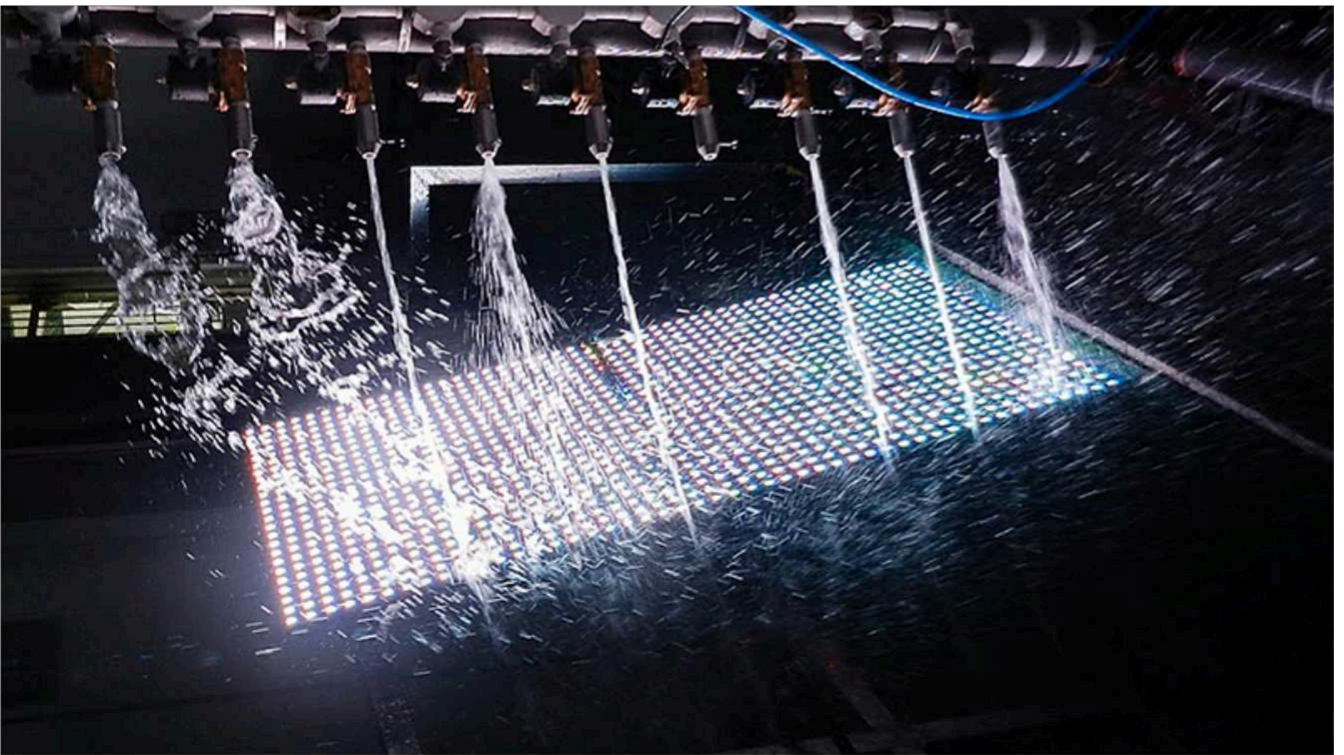
The power supply box and cable connections are waterproof and sealed to minimize failures caused by the external environment.

Outdoor Rental Application





 Aging/Fatigue Testing



 Waterproof Test



 Cases: Wuhan Optics Valley F.C.



 Case: BT Tower in London

LED Screen Manufacturer in China



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