Luminatii

LED DISPLAY

Luminatii

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LUMINATII TECHNOLOGY CO., LTD.

CE   ISO   RoHS   CCC

Luminatii | INSPIRING A COLORFUL WORLD

INTEGRATED LED DISPLAY SOLUTION PROVIDER

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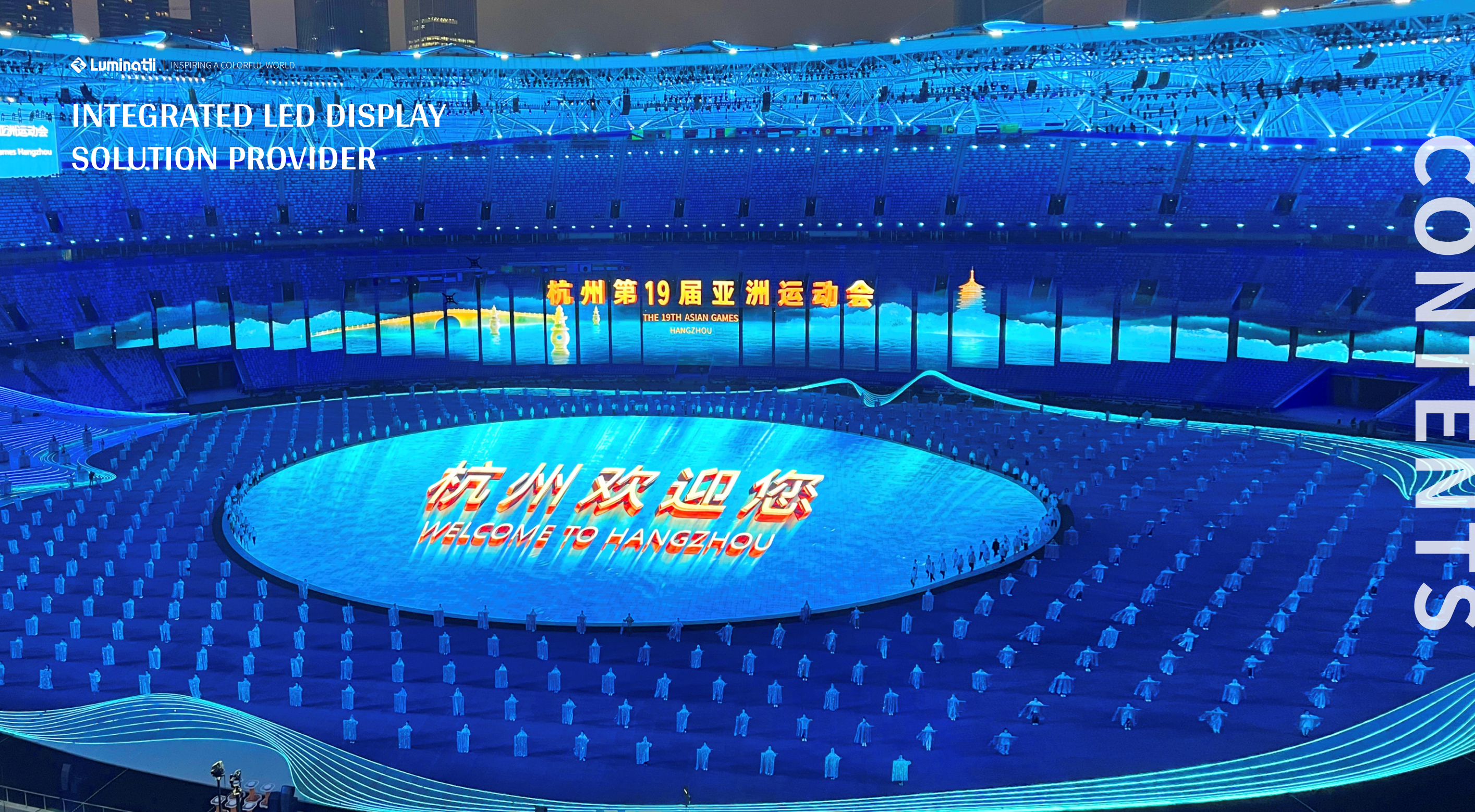
ABOUT LUMINATII

Luminatii Technology Co., Ltd. (Formerly Shenzhen Zhongrun Optoelectronics Technology Co., Ltd.) is a company integrating R&D, manufacturing and sales of LED displays in one of the national high-tech enterprises. On November 28, 2022, Beijing Fengshang Culture Media Group Co., Ltd. successfully completed the investment in Luminatii Optoelectronics, opening the art culture and new reality science technology fusion.

Luminatii LED display products are exported to 87 countries and regions, with a robust global sales and service network. Product application fields cover DOOH, stage, museum, sports stadium and other various industries.

Luminatii upholds high-quality manufacturing standards, as well as principles of rigorous research and development, ingenious design, and considerate service, persist in continuously innovating products, and strives to lead the healthy development of the LED industry, realizing a luminous vision of the LED Display World.

2004
Brand Founded

>50
R&D Technical Specialist

>40
Patents

MANUFACTURING BASE

◉ Total 10,000sqms Workshop
◉ 1000sqms Air Cleanliness Workshop
◉ 1000sqms Office Area
◉ Brand-new Automatic Production Equipment

Rental LED Screen

- Suitable for indoor and outdoor use.

- Die-casting Aluminum cabinet, extremely lightweight and thin thickness.

- Curve design support from -15° to 15° adjustable angle installation.

- Modular design, easy front and rear maintenance for the modules and power receiving cards as well.

- Excellent flatness process.

- Corner protection design, makes each pixel well-protected.

- Various installation methods, including use as a floor led screen.

Application

| Stage Event | Business Show | Exhibition | Museum |
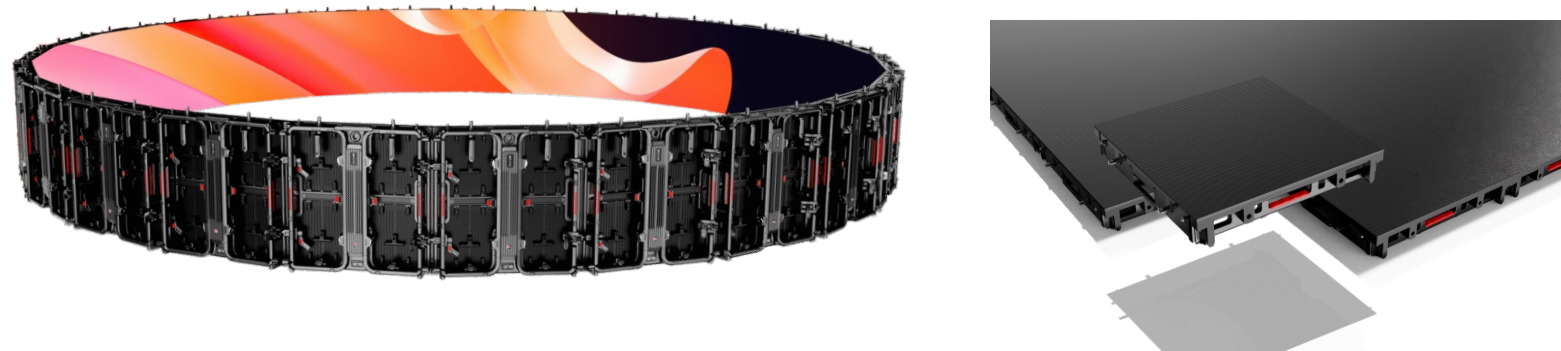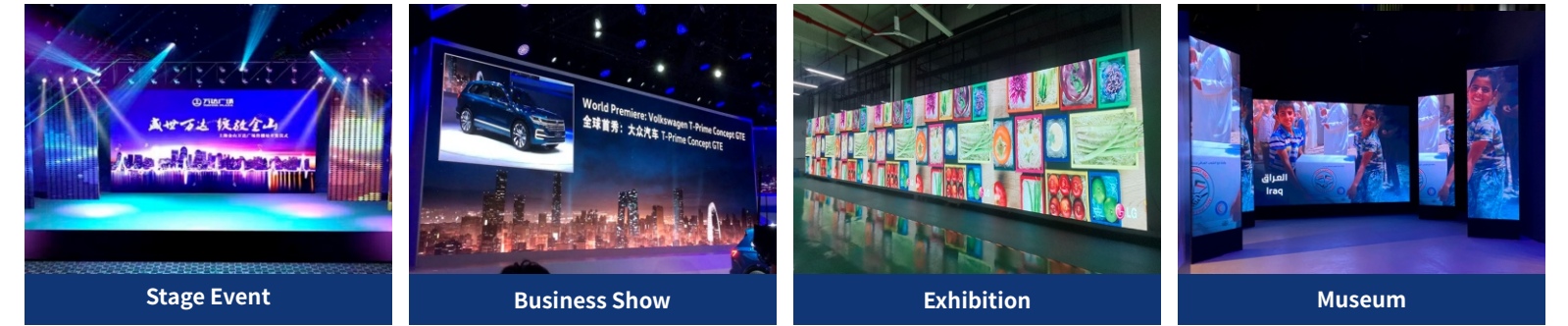
Specs

Product Model	ZR-IR-P2.6	ZR-IR-P2.9	ZR-IR-P3.9	ZR-OR-P2.9	ZR-OR-P3.9
Pixel Pitch	2.6mm	2.976mm	3.9mm	2.976mm	3.9mm
LED Configuration	SMD1515	SMD2121	SMD2121	SMD1415	SMD1415
Module Size	250x250mm	250x250mm	250x250mm	250x250mm	250x250mm
Module Resolution	96x96dots	84x84dots	64x64dots	84x84dots	64x64dots
Cabinet Size	500x500mm/500x1000mm	500x500mm/500x1000mm	500x500mm/500x1000mm	500x500mm/500x1000mm	500x500mm/500x1000mm
Cabinet Resolution	192x192dots/192x384dots	168x168dots/168x336dots	128x128dots/128x256dots	168x168dots/168x336dots	128x128dots/128x256dots
Pixel Density	147456dots/m²	112896dots/m²	65536dots/m²	112896dots/m²	65536dots/m²
Scan	1/32	1/21	1/16	1/14	1/16
Brightness	800nits			4500nits	
Power Consumption	Max.600W/m² Ave.200W/m²			Max.800W/m² Ave.300W/m²	
IP Rating	Indoor IP30			Outdoor IP65	
Refresh Rate	3840HZ				
Cabinet Material	Die-casting Aluminum				
Maintenance Way	Module can be Front & Rear				
Viewing Angle	140°/140°				
Operating Voltage	AC 110-240V				
Working Environment	-10℃ to +60℃, 10%-90%RH				

Outdoor Led Screen

Simple Design Convenient Installation
Light and thin, reducing the load bearing capacity of the wall, saving the cost of installation and transportation.

Stable and Reliable
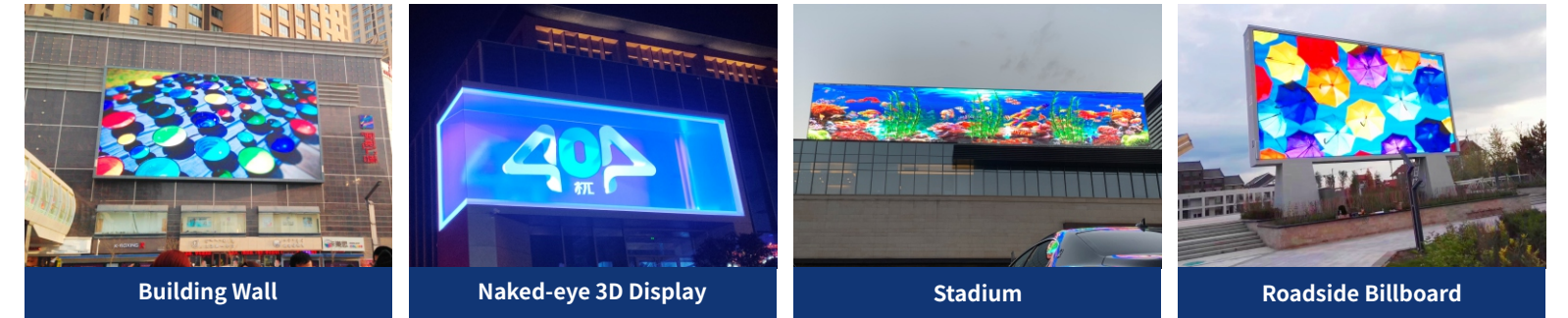Energy saving, high heat dissipation efficiency
Modules adopt pin connection without cables.

Durable in any weather conditions and climates.
IP65. No fan or air conditioner required for cooling.

Wall-mount Installation
Without steel structure, cabinets can fixed on the wall directly, saving the cost of steel structure and installation. Support front and rear access maintenance.

959. 2

959. 2

959. 2

75

Unit:mm

Application

| Building Wall | Naked-eye 3D Display | Stadium | Roadside Billboard |
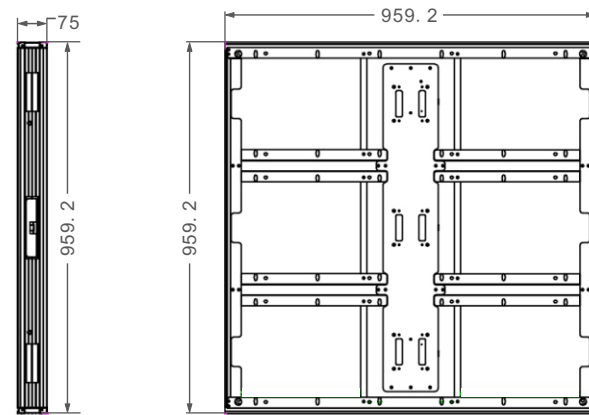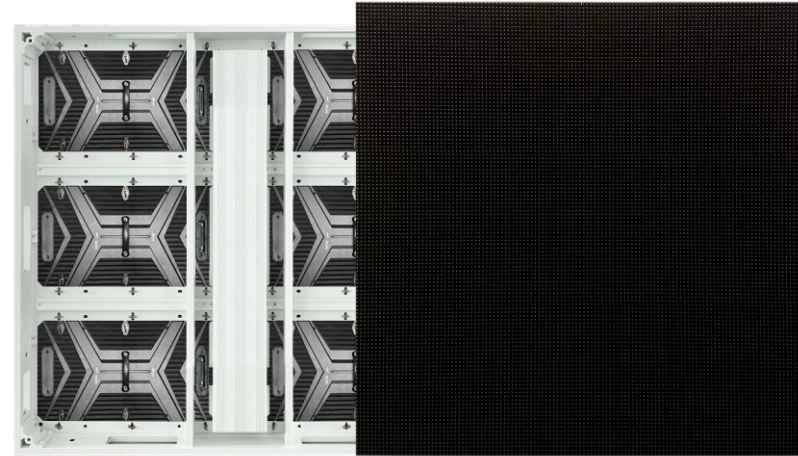
Specs

Product Model	ZR-OF-P5.7	ZR-OF-P6.67	ZR-OF-P8	ZR-OF-P10
Pixel Pitch	5.7mm	6.67mm	8mm	10mm
LED Configuration	SMD2727	SMD2727	SMD2727	SMD2727
Module Size	480x320mm	480x320mm	480x320mm	480x320mm
Module Resolution	84x56dots	72x48dots	60x40dots	48x32dots
Cabinet Size	960x960x85mm	960x960x85mm	960x960x85mm	960x960x85mm
Cabinet Resolution	168x168dots	144x144dots	120x120dots	96x96dots
Pixel Density	30625dots/m²	22500dots/m²	15625dots/m²	10000dots/m²
Brightness	6000nits	6000nits	6000nits	6000nits
Power Consumption	Max.700W/m² Ave.210W/m²			
Refresh Rate	1920HZ-3840HZ			
Cabinet Material	Aluminum			
Cabinet Weight	22kg			
Maintenance Way	Front&Rear			
Viewing Angle	160°/120°			
IP Rating	IP65			
Operating Voltage	AC 110-240V			
Working Environment	-30℃ to +60℃, 10%-90%RH			

Holographic LED Film Screen

Ultra-thin & Ultra-light
Screen thickness is less than 2.5mm, the minimum weight is 4.5kg per square meter.

High Transparency
Without the obstruction of the frame, the transparency of the screen can reach 90%.

Customizable
The module can be bent, curved and cut freely.

High Resolution
High transparency does not affect the high-definition display of the screen.

No Steel Structure is Required
The module can be easily attached to the glass without any complicated construction, effectively reducing the cost of transportation, structure, and manual installation.

Detail

Module

Decorative Edge

Control Box

160mm*1200mm
240mm*1200mm
250mm*1200mm

1200mm

240mm
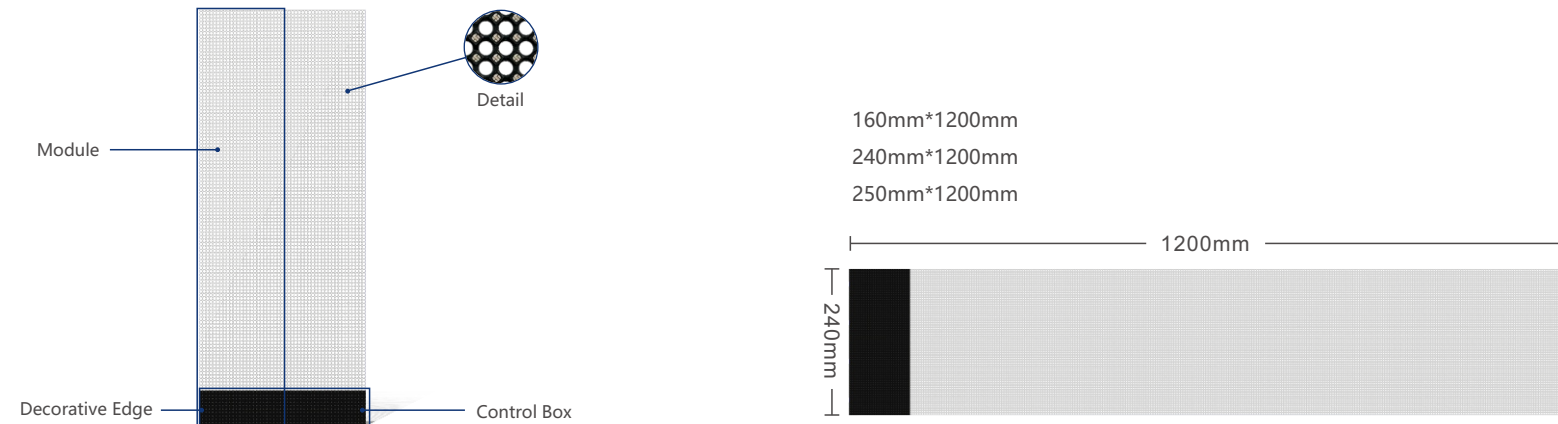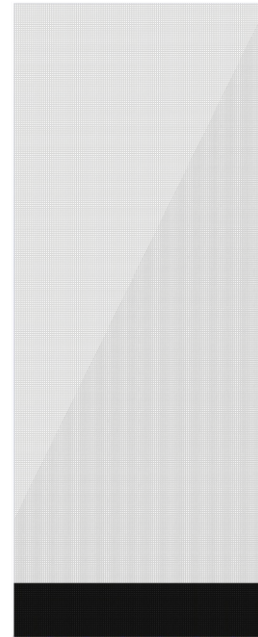
Application

Glass Window

Street shops, automobile 4S stores real estate, jewelry brand stores brand clothing stores unmanned supermarkets

Glass Guardrail

Guardrails for shopping malls scenic spots, airports, etc

Decoration

Demonstration walls in brand shops elevator rooms and showrooms

Creative Show

Creative display of cultural tourism activities stage, etc

Specs

Product Model	ZR-HF-P2.5	ZR-HF-P3.9	ZR-HF-P6.25
Pixel Pitch	2.5mm	3.9mm	6.25mm
LED (Integrated IC)	SMD1212	SMD1717	SMD2020
Module Size	160x1200mm	250x1200mm	250x1200mm
Module Resolution	64x480dots	64x294dots	40x192dots
Transparency	90%	92%	95%
Pixel Density	160000dots/m²	65536dots/m²	25600dots/m²
Brightness	5000nits	5000nits	5000nits
Weight	4.5kg/m²	4kg/m²	5.5kg/m²
Refresh Rate	3840HZ	3840HZ	3840HZ
Max. Power Consumption	700W/m²	960W/m²	550W/m²
Ave. Power Consumption	280W/m²	260W/m²	200W/m²
Viewing Angle	140°/140°	140°/140°	140°/140°
IP Rating	IP30	IP30	IP30

Adhesive LED Transparent Screen

Ultra-thin & Ultra-light
5mm Screen Thickness and 10kg each square meter.

High Grayscale Rating
14-16 bit Grayscale Rating restores every subtle color and display the ultimate exquisite picture quality.

High Transparency
Transparency up to 85%, without visual impact on the original building.

Strong Stability, Size Customization
Customized the panel sizes according to the project requirements freely.

Elegant Appearance
Frameless design, can quickly and seamlessly splice and stick any screen size on the glass.

Multiple Installations
Adhesive, hang & fix installation.
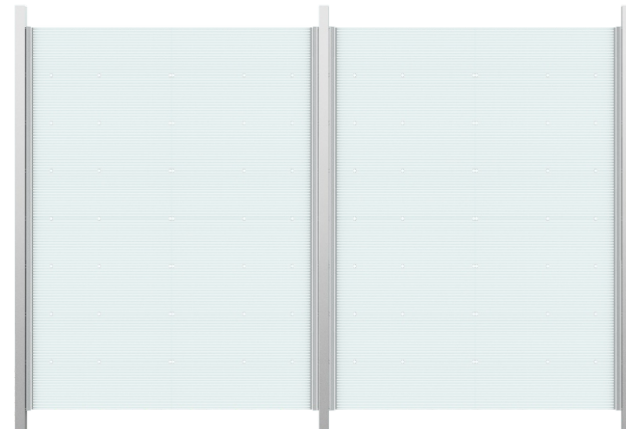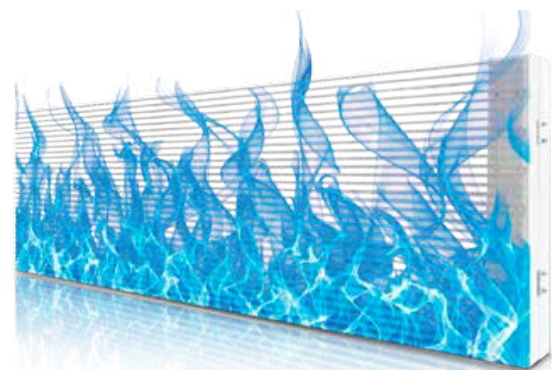
Application

Commercial Estate	Brand Chain Stores	Transportation Advertising Media	Creative Display
Creative Ceiling Screen, Glass Curtain Wall, Shopping Mall, Sightseeing Elevator Curtain Wall	3C Experience Store, Bank Business Hall, Restaurant Bakery, Shoe Clothing Store, Jewelry store	Airport Terminal, High-Speed Rail, Subway Station Bus Station	Bars, Stage Event, Landscape Cultural Tourism, TV Shows
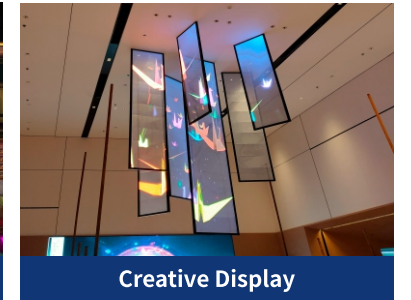
Specs

Product Model	ZR-DA-P4-8	ZR-DA-P5-10	ZR-DA-P6.5	ZR-DA-P10	ZR-DA-P16	ZR-DA-P20
Pixel Pitch	4mm-8mm	5mm-10mm	6.5mm-6.5mm	10mm-10mm	16mm-16mm	20mm-20mm
Module Size	960mm*320mm	1000mm*320mm	1040mm*416mm	960mm*320mm	960mm*384mm	960mm*320mm
Module Resolution	240*40dots	200*32dots	160*64dots	96*32dots	60*24dots	48*16dots
Pixel Density	31250dots/m²	20000dots/m²	23668dots/m²	10000dots/m²	3906dots/m²	2500dots/m²
Brightness	≤4500nits	≤4500nits	≤4500nits	≤4500nits	≤4500nits	≤3000nits
Transparency	≤60%	≤68%	≤50%	≤68%	≤80%	≤85%
Screen Weight	10KG/m²	10KG/m²	10KG/m²	10KG/m²	10KG/m²	10KG/m²
Viewing Angle	140°±10°	140°±10°	140°±10°	140°±10°	140°±10°	140°±10°
Ave. Power Consumption	≤260w/m²	≤260w/m²	≤260w/m²	≤260w/m²	≤230w/m²	≤210w/m²
Max. Power Consumption	≤800w/m²	≤800w/m²	≤800w/m²	≤800w/m²	≤700w/m²	≤600w/m²
Led Lamp	SMD1921	SMD1921	SMD1921	SMD1921	SMD1921	SMD1921
Gray Scale	16bit	16bit	16bit	16bit	16bit	16bit
Refresh Rate	3840Hz	3840Hz	3840Hz	3840Hz	3840Hz	3840Hz
Driving Mode	4S	4S	4S	2S	Static	Static

Indoor LED Transparent Screen

Thin & Light Design
Ultra-thin transparent screen box, the thickness is only 80 mm, and the thinnest part of the edge is only 20 mm.

Heat Dissipation without Air Conditioning
Good heat dissipation for energy saving and environmental protection.

High Transparency
Transparency can reach more than 75%, without affecting the indoor lighting

Easy to Maintain
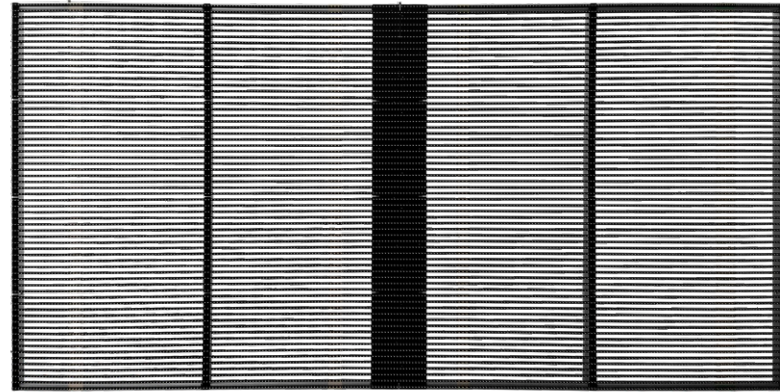Pluggable and Modular design, easy to connection operation and save maintenance costs.

Brightness Optional
High & low brightness solutions available.
5000 nit highlight could be visible clearly under strong light.

Multiple Installation Methods
Hang installation, bottom bracket type or ceiling type installation.

Application

| Commercial Estate	Brand Chain Stores	Exhibition Display	Transportation Advertising Media
Creative Ceiling Screen, Glass Curtain Wall, Shopping Mall, Sightseeing Elevator Curtain Wall	3C Experience Store, Bank Business Hall, Restaurant Bakery, Shoe Clothing Store, Jewelry store	High-end Auto Show, Luxury Goods Show Large expositions, Science and Technology Museums	Airport Terminal, High-Speed Rail, Subway Station Bus Station

Specs

Product Model	ZR-IH-P2.6	ZR-IH-P3.3	ZR-IH-P3.9	ZR-IH-P7.8	ZR-IH-P10.4
Pixel Pitch	2.6-5.2mm	3.29-6.25mm	3.9-7.8mm	7.8-7.8mm	10.4-10.4mm
LED Configuration	SMD1921	SMD1921	SMD1921	SMD1921	SMD1921
Brightness	4500-5000nits	4500-5000nits	4500-5000nits	4500-5000nits	4500-5000nits
Pixel Density	73728dots/m²	48640dots/m²	32256dots/m²	16384dots/m²	9216dots/m²
Transparency	≥45%	≥50%	≥60%	≥60%	≥70%
Module Size	500mm*125mm	500mm*125mm	500mm*125mm	500mm*125mm	500mm*125mm
Module Resolution	192*24dots	152*20dots	126*16dots	64*16dots	48*12dots
Cabinet Size	1000*500mm	1000*500mm	1000*500mm	1000*500mm	1000*500mm
Cabinet Resolution	384*96dots	304*80dots	252*64dots	128*64dots	96*48dots
Screen Weight	4.5kg/panel	4.5kg/panel	4.5kg/panel	4.5kg/panel	4.5kg/panel
IP Rating	IP30	IP30	IP30	IP30	IP30
Viewing Angle	140°/140°	140°/140°	140°/140°	140°/140°	140°/140°
Scan Mode	12S	10S	7S	4S	3S
Refresh Rate	1920Hz/3840Hz	1920Hz/3840Hz	1920Hz/3840Hz	1920Hz/3840Hz	1920Hz/3840Hz
Ave. Power Consumption	270w/m²	270w/m²	270w/m²	270w/m²	270w/m²
Max. Power Consumption	800w/m²	800w/m²	800w/m²	800w/m²	800w/m²

Outdoor LED Transparent Screen

Unique Appearance Patent
High-Speed Rail-Shaped Power Box Design

High Transparency
58% Transparency

High Brightness
SMD 1921 LED configuration support for 5000 nits

Radian Locks & Bevel Cabinet Deisgn
Support for concave 15°~convex 15°(option) & 90° angle screen stitching.

Fit for Outdoor Use (IP65)
SMD Glue Process create an excellent water-proof performance.

Various Installation Methods
Hang & seat installation, rental & fixed installation.
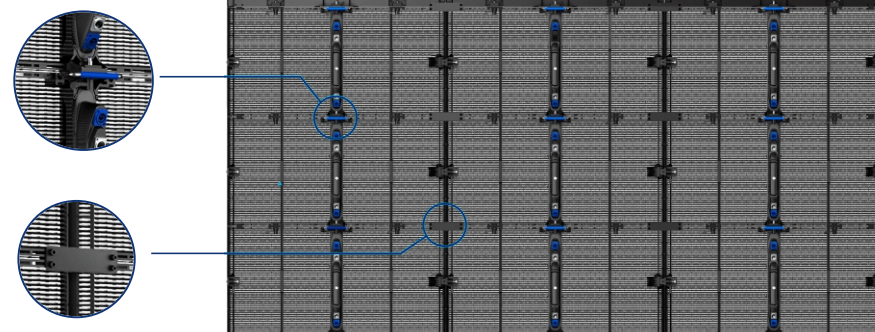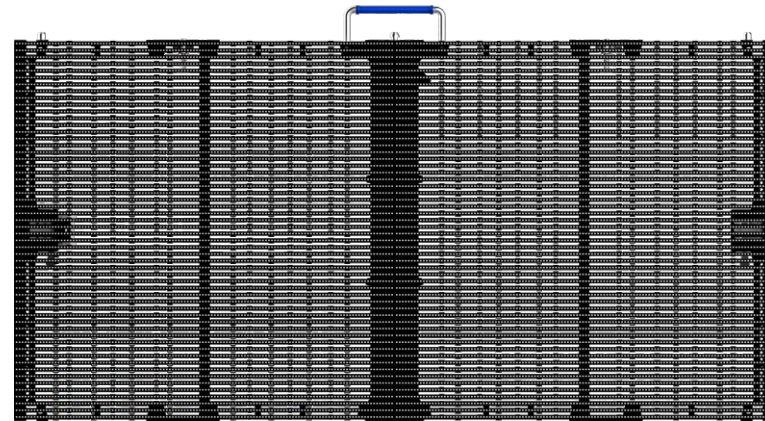
Application

| Outdoor Curtain Wall	Creative Cultural Tourism	Transportation Advertising Media	Stage Performing Arts
Large Building Facade, City Landmarks, Municipal Buildings, Airports	Landscape Attractions, Cultural Tourism Town Creative Landscape, Light Art	Airport Terminal, High-Speed Rail, Subway Station Bus Station	Bars, Stage Event, Landscape Cultural Tourism TV Shows

Specs

| Product Model	ZR-ROH-P3.9-7.8	ZR-ROH-P3.9-8.9	ZR-OH-P10.4
Pixel Pitch	3.9mm-7.8mm	3.9mm-8.9mm	10.4mm-10.4mm
LED Configuration	SMD1921	SMD1921	SMD1921
Module Size	500mm*125mm	500mm*125mm	500mm*125mm
Module Resolution	128*16dot	126*14dot	48*12dot
Cabinet Size	1000mm*500mm	1000mm*500mm	1000mm*500mm
Cabinet Resolution	256*64dots	252*56dots	96*48dots
Transparency	42%	42%	58%
Pixel Density	32768px/m²	28224px/m²	9216px/m²
Brightness	5000nits	5000nits	5000nits
Screen Weight	8.5kg/panel	8.5kg/panel	8.5kg/panel
Scan Mode	8S	7S	2S
Cabinet Materials	Die-casting Aluminum	Die-casting Aluminum	Aluminum Profile
Refresh Rate	1920Hz/3840Hz	1920Hz/3840Hz	1920Hz/3840Hz
Ave. Power Consumption	≤260w/m²	≤260w/m²	≤260w/m²
Max. Power Consumption	≤800w/m²	≤800w/m²	≤800w/m²
IP Rating	IP65	IP65	IP65

Outdoor Curved Transparent Screen
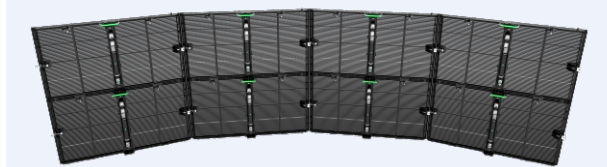
Support for the concave 15°~convex 15°(option)

LED Mesh Screen

Ultra Light Weight
Light weight panel, simple structure, suitable for large area display.

High Transparency
Transparency is up to 90%.

IP66 Waterproof
Suitable for permanent outdoor use.

Good Flexibility
Flexible led module, any irregular shape or size could be customized.

Lower Power Consumption
Energy saving for cost-effecting.

Fast Installation
Fast installation and maintain without screws, also apply for the fixed and rental installation.
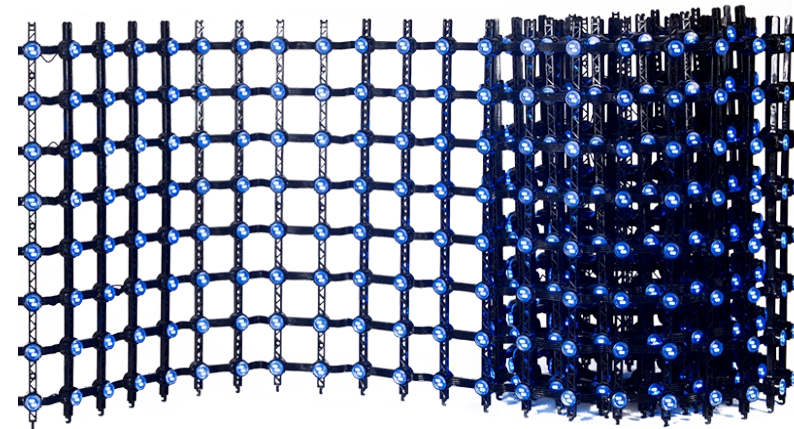
Product Dimension
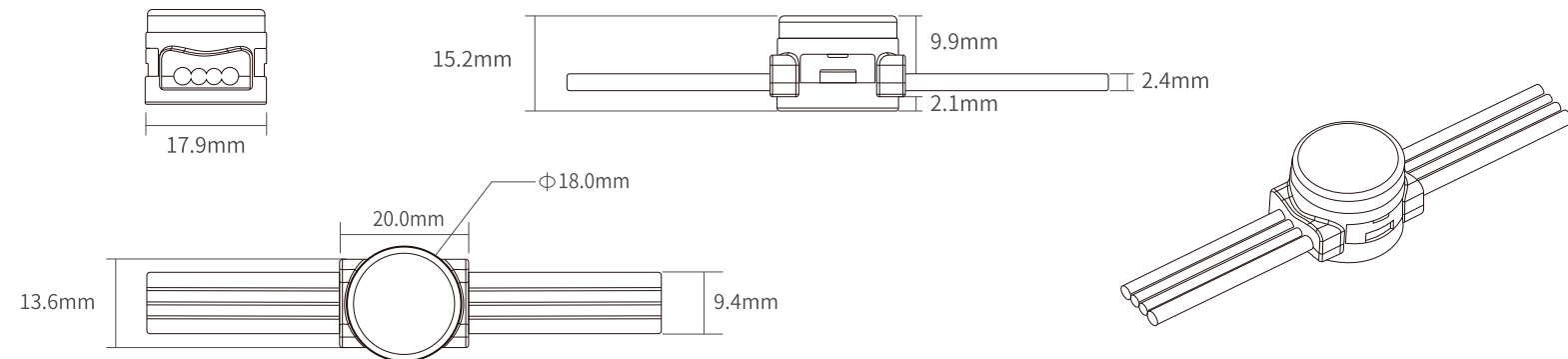
15.2mm
9.9mm
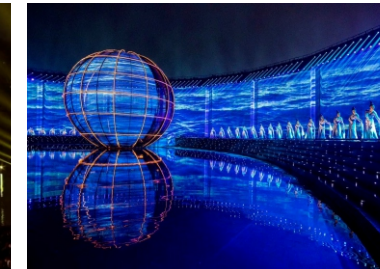2.4mm
2.1mm
17.9mm
Φ18.0mm
20.0mm
13.6mm
9.4mm

Application

Commercial Estate	Landscape Lighting	Creative Display	Performing Arts Event
Creative Ceiling Screen, Glass Curtain Wall, Shopping Mall, Sightseeing Elevator Curtain Wall, Background Wall Decoration	Attraction Buildings, Landmark buildings, Villas, High-end Business Buildings, Large Clubs design	Science and Technology Museum, Aquarium, Museum, Exhibition Hall, Design Center	Bars, Stage Event, Landscape Cultural Tourism, TV Shows

› ZR18-1Dot

Specs

High Quality Led | High Brightness | Long Span Life | Ultra Light Weight

Product Model	ZR18-1Dot-P31.25	ZR18-1Dot-P37.5	ZR18-1Dot-P40	ZR18-1Dot-P50	ZR18-1Dot-P55	ZR18-1Dot-P62.5	ZR18-1Dot-75	ZR18-1Dot-P100
Pixel Pitch	31.25mm	37.5mm	40mm	50mm	55mm	62.5mm	75mm	100mm
Pixel Density	1024dots/m²	711dots/m²	625dots/m²	400dots/m²	330dots/m²	256dots/m²	178dots/m²	100dots/m²
Brightness	3000nits	2000nits	1800nits	1200nits	1000nits	768nits	530nits	300nits
Max. Power Consumption	460W/m²	320W/m²	282W/m²	180W/m²	149W/m²	116W/m²	80W/m²	45W/m²
Ave. Power Consumption	154W/m²	107W/m²	94W/m²	60W/m²	50W/m²	39W/m²	27W/m²	15W/m²
Transparency	42%	50%	54%	63%	66%	70%	75%/m²	80%/m²

ZR18-2Dot

Specs

High Quality Led · High Brightness · Long Span Life · Ultra Light Weight

Product Model	ZR18-2Dot-P31.25	ZR18-2Dot-P37.5	ZR18-2Dot-P40	ZR18-2Dot-P50	ZR18-2Dot-P55	ZR18-2Dot-P62.5	ZR18-2Dot-P75	ZR18-2Dot-P100
Pixel Pitch	31.25mm	37.5mm	40mm	50mm	55mm	62.5mm	75mm	100mm
Pixel Density	1024dots/m²	711dots/m²	625dots/m²	400dots/m²	330dots/m²	256dots/m²	178dots/m²	100dots/m²
Brightness	6000nits	4000nits	3700nits	2400nits	1980nits	1500nits	1000nits	600nits
Max. Power Consumption	615W/m²	427W/m²	375W/m²	240W/m²	198W/m²	154W/m²	107W/m²	60W/m²
Ave. Power Consumption	205W/m²	143W/m²	125W/m²	80W/m²	66W/m²	52W/m²	36W/m²	20W/m²
Transparency	42%/m²	50%	54%	63%	66%	70%	75%	80%

ZR18-4Dot

Specs

High Quality Led · High Brightness · Long Span Life · Ultra Light Weight

Product Model	ZR18-4Dot-P31.25	ZR18-4Dot-P37.5	ZR18-4Dot-P40	ZR18-4Dot-P50	ZR18-4Dot-P55	ZR18-4Dot-P62.5	ZR18-4Dot-P75	ZR18-4Dot-P100
Pixel Pitch	31.25mm	37.5mm	40mm	50mm	55mm	62.5mm	75mm	100mm
Pixel Density	1024dots/m²	711dots/m²	625dots/m²	400dots/m²	330dots/m²	256dots/m²	178dots/m²	100dots/m²
Brightness	8000nits	7000nits	6250nits	4000nits	3300nits	2560nits	530nits	1000nits
Max. Power Consumption	922W/m²	640W/m²	563W/m²	360W/m²	297W/m²	231W/m²	160W/m²	90W/m²
Ave. Power Consumption	308W/m²	214W/m²	188W/m²	120W/m²	99W/m²	77W/m²	53W/m²	30W/m²
Transparency	42%	50%	54%	63%	66%	70%	75%	80%

ZR18-6Dot

Specs

High Quality Led · High Brightness · Long Span Life · Ultra Light Weight

Product Model	ZR18-6Dot-P50	ZR18-6Dot-P55	ZR18-6Dot-P62.5	ZR18-6Dot-P75	ZR18-6Dot-P100
Pixel Pitch	50mm	55mm	62.5mm	75mm	100mm
Pixel Density	400dots/m²	330dots/m²	256dots/m²	178dots/m²	100dots/m²
Brightness	6000nits	4950nits	3840nits	2670nits	1500nits
Max. Power Consumption	520W/m²	429W/m²	333W/m²	232W/m²	130W/m²
Ave. Power Consumption	174W/m²	143W/m²	111W/m²	78W/m²	44W/m²
Transparency	63%	66%	70%	75%	80%

ZR27-8Dot

Specs

Product Model	ZR27-8Dot-P62.5	ZR27-8Dot-P75	ZR27-8Dot-P100
Pixel Pitch	62.5mm	75mm	100mm
Pixel Density	256dots/m²	178dots/m²	100dots/m²
Brightness	5000nits	3500nits	2000nits
Max. Power Consumption	461W/m²	321W/m²	180W/m²
Ave. Power Consumption	154W/m²	107W/m²	60W/m²
Transparency	60%	65%	70%

High Quality Led · High Brightness · Long Span Life · Ultra Light Weight

ZR27-12Dot

Specs

Product Model	ZR27-12Dot-P62.5	ZR27-12Dot-P75	ZR27-12Dot-P100
Pixel Pitch	62.5mm	75mm	100mm
Pixel Density	256dots/m²	178dots/m²	100dots/m²
Brightness	7600nits	5000nits	3000nits
Max. Power Consumption	692W/m²	481W/m²	270W/m²
Ave. Power Consumption	231W/m²	161W/m²	90W/m²
Transparency	60%	65%	70%

High Quality Led　High Brightness　Long Span Life　Ultra Light Weight

ZR-UDOT

Specs

Product Model	ZR-UDot-P50	ZR-UDot-P80	ZR-UDot-P100
Pixel Pitch	50mm	80mm	100mm
Pixel Density	400dots/m²	156dots/m²	100dots/m²
Brightness	2000nits	930nits	600nits
Max. Power Consumption	240W/m²	94W/m²	60W/m²
Ave. Power Consumption	80W/m²	32W/m²	20W/m²

High Quality Led　High Brightness　Long Span Life　Ultra Light Weight

System Topology

DVI
Led Video Processor
HDMI
100-240V
Sending Box
Sub-Controller
Hook
Hanging Bar
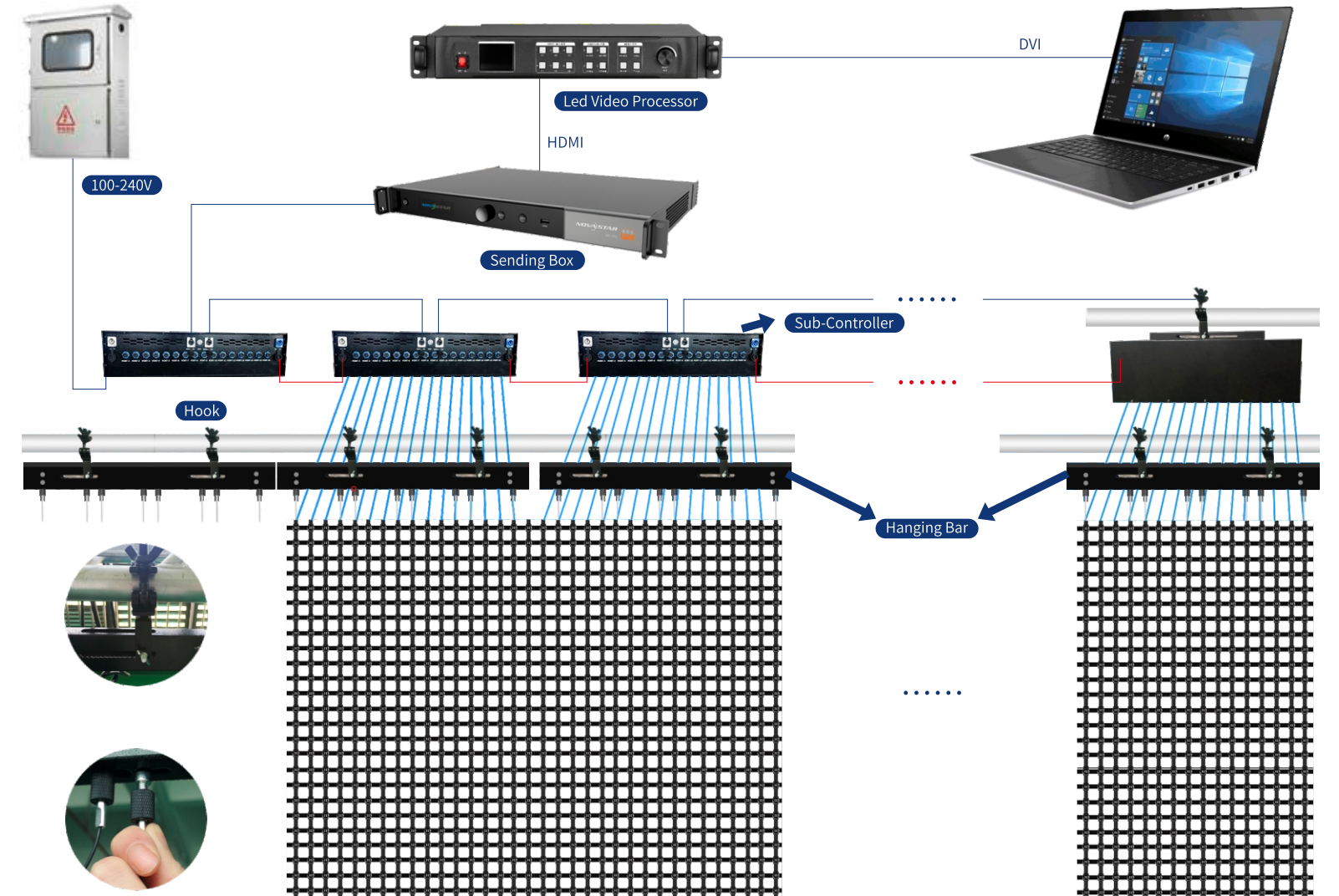
LED Curtain Screen

High Transparency
60% transparency, making the building curtain wall into a realistic video wall.

Thin and Light
Light weight design, 18kg/m², easy to install and maintain.

No Steel Structure
When installed on the wall of a building, no steel structure is required.

Energy Conservation Technology
Using high-brightness LED and high conversion efficiency power supply,
the power consumption is more than 50% less than that of traditional products.

High Protection Level
For the first time in the industry, the entire screen has an IP67 protection level,
effectively extending the service life of the product.

All-weather
Works trouble-free at temperatures -30 C° to 60 C°,
and the wind-resistant design can withstand strong winds.
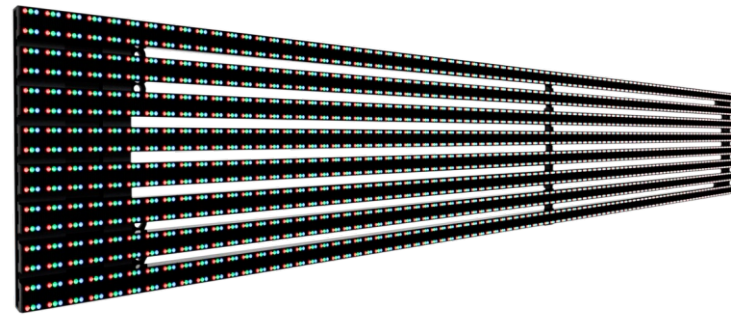
Product Details
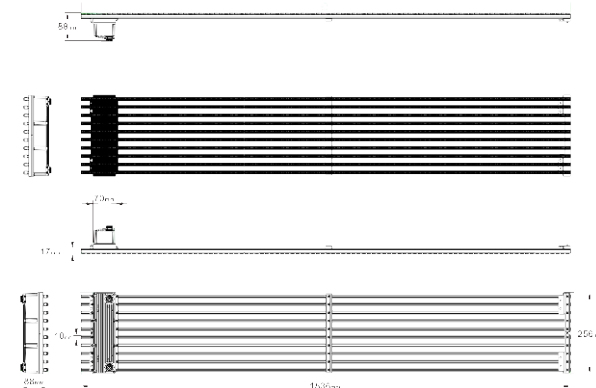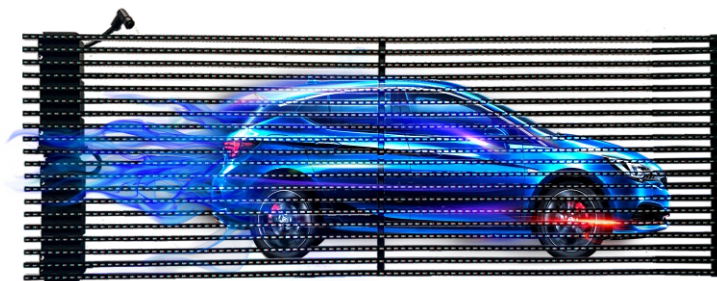
Application

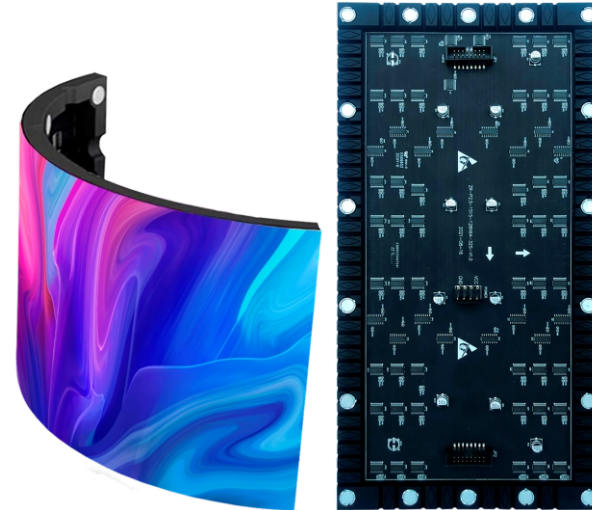| Commercial Estate	Landmark Building Multimedia	Traffic Advertising Media	Creative Display
Glass Curtain Wall, Shopping Mall, Sightseeing Elevator Curtain Wall	Iconic Building Displays, Theaters, Towers, Sports Venues	Airport Terminal, High-Speed Rail, Subway Station, Bus Station	Bars, Stage Event, Landscape Cultural Tourism, TV Shows

Specs
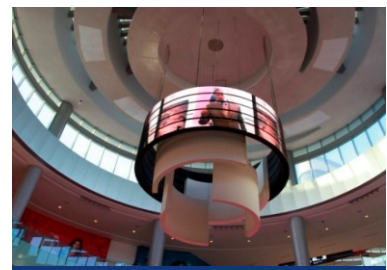
Product Model	ZR-GS-P25-16	ZR-GS-P25-25	ZR-GS-P31.25-31.25
Shell Material	Aluminum Profile	Aluminum Profile	Aluminum Profile
LED Configuration	DIP 1R1G1B	DIP 1R1G1B	DIP 1R1G1B
Pixel Pitch (H/V)	25.6mm/16 mm	25.6 mm/25mm	32mm/31.25 mm
Pixel Density	2438dots/m²	1562dots/m²	1000dots/m²
Module Dimension	256×1536mm	256×1600mm	256×1500mm
Module Resolution	10×96 dots	10×64 dots	8×48 dots
Brightness	8000nits	6000-8000nits	7000nits
Transparency	60%	60%	70%
Weight	18kg/m²	18kg/m²	18 kg/m²
Input Voltage	AC 110 -240 V	AC 110 -240 V	AC 110 -240 V
Max. Power Consumption	400 w/m²	400 w/m²	400 w/m²
IP Rating	IP67	IP67	IP67
Gray Scale	RGB 16384 bit(3×14bit)	RGB 16384 bit(3×14bit)	RGB 16384 bit(3×14bit)
Refresh Rate	≥1920 Hz	≥1920 Hz	≥1920 Hz
Repeat Frequency	≥60 Hz	≥60 Hz	≥60 Hz
Working Environment	T: -30°C-60°C; H: 10%-90%	T: -30°C-60°C; H: 10%-90%	T: -30°C-60°C; H: 10%-90%

Flexible LED Screen

Lightweight and Flexible
Made of FRC material, the appearance is super light and thin,
and high flexibility performance.

Outstanding Display Performance
Your visuals will be enhanced through the 16-bit gray scale and excellent refresh.

360°Viewing Angle
Seamless stitching function to support the fully display streamlined
appearance structure design requirements.

User Friendly Installation
Strong magnetic adsorption type installation, quick installation
and convenient maintenance.

Customized Freely
Diversified display shapes can be customized according to project requirements.

High Flexibility
It can be bent, folded, and can be freely composed of various shapes,
artistic and creative.

Application

Commercial Estate	Brand Chain Stores	Traffic Advertising Media	Creative Display
Glass Curtain Wall, Shopping Mall, Sightseeing Elevator Curtain Wall	3C Experience Store, Bank Business Hall, Restaurant Bakery, Shoe Clothing Store, Jewelry store	Airport Terminal, High-Speed Rail, Subway Station, Bus Station	Bars, Stage Event, Landscape Cultural Tourism, TV Shows

240mm*120mm Specs

Product Model	ZR-SF-P1.25	ZR-SF-P1.579	ZR-SF-P1.667	ZR-SF-P1.875	ZR-SF-P2	ZR-SF-P2.5	ZR-SF-P3
Pixel Pitch	1.25mm	1.579mm	1.667mm	1.875mm	2mm	2.5mm	3mm
Pixel Density	640000dot/m^2	400689dot/m^2	358801dot/m^2	284444dot/m2	250000dot/m2	160000dot/m2	111111dot/m2
Module Power	19W	17.5W	16W	19W	18W	14W	12.5W
Module Size	240X120mm	240X120mm	240X120mm	240X120mm	240X120mm	240X120mm	240X120mm
Module Resolution	192X96dot	152X76dot	144X72dot	128X64dot	120X60dot	96X48dot	80X40dot
Scan	1/48	1/38	1/36	1/32	1/30	1/24	1/20
Module Weight	0.25kg	0.23kg	0.22kg	0.2kg	0.19kg	0.185kg	0.175kg
LED Configuration	SMD1010	SMD1212	SMD1212	SMD1515	SMD1515	SMD1515	SMD1515
Brightness	600-700nits	700-900nits	700-900nits	700-900nits	700-900nits	700-900nits	700-900nits
Refresh Rate	3840Hz	3840Hz	3840Hz	3840Hz	3840Hz	1920Hz / 3840Hz	1920Hz / 3840Hz
Working Voltage	4.2-5V	4.2-5V	4.2-5V	4.2-5V	4.2-5V	4.2-5V	4.2-5V
Rated Current	3.8A	3.2A	3A	3.8A	4.8A	2.8A	2.5A
Thickness	8.6mm	8.6mm	8.6mm	8.6mm	8.6mm	8.6mm	8.6mm

320mm*160mm Specs

Product Model	ZR-BF-P1.88	ZR-BF-P2	ZR-BF-P2.5	ZR-BF-P3	ZR-BF-P4
Pixel Pitch	1.86mm	2mm	2.5mm	3mm	4mm
Pixel Density	282933dot/m^2	250000dot/m^2	160000dot/m^2	111111dot/m^2	62500dot/m^2
Module Power Consumption	25W	24W	20W	16W	20W
Module Size	320X160mm	320X160mm	320X160mm	320X160mm	320X160mm
Module Resolution	170X85dots	160x80dots	128X64dots	104X52dots	80X40dots
Scan	1/43	1/40	1/32	1/26	1/20
Module Weight	0.32kg	0.30kg	0.28kg	0.26kg	0.24kg
LED Configuration	SMD1515	SMD1515	SMD1515	SMD1515	SMD2020
Brightness	700-900nits	700-900nits	700-900nits	700-900nits	700-900nits
Refresh Rate	3840Hz	3840Hz	1920Hz / 3840Hz	1920Hz / 3840Hz	1920Hz / 3840Hz
Working Voltage	4.2-5V	4.2-5V	4.2-5V	4.2-5V	4.2-5V
Rated Current	5A	5A	3.8A	3.2A	4A
Thickness	8.6mm	8.6mm	8.6mm	8.6mm	8.6mm

Spherical LED Screen

- 360 degree view angle.
- Various installation methods, floor standing, hanging, column mounted, embedded and so on.
- Size customized freely.
- High refresh and clear image can display a vivid audio & visual effect.
- Seamless assembly.
- Less than 1.5m diameter it will be delivered as an integral ball, The user no need to do assemble while they get it. Just power it on, then it will work.
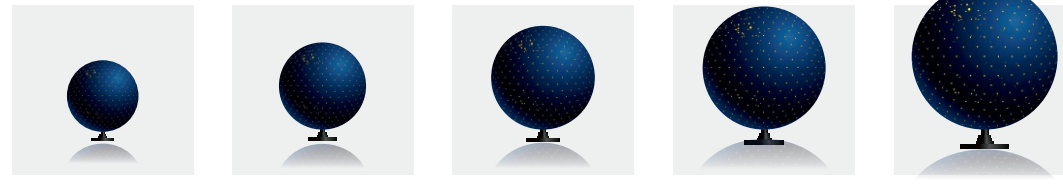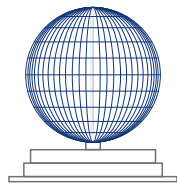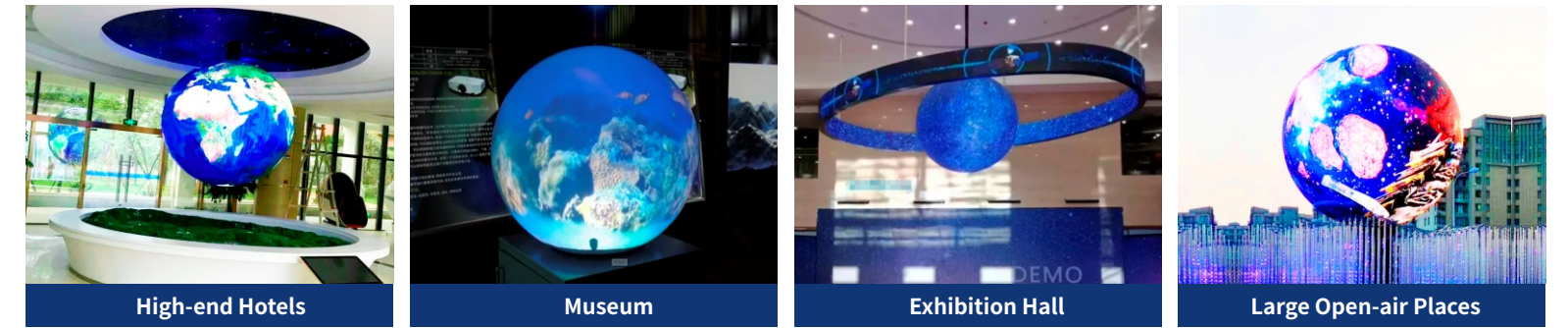
1m	1.5m	1.8m	2m	2.5m
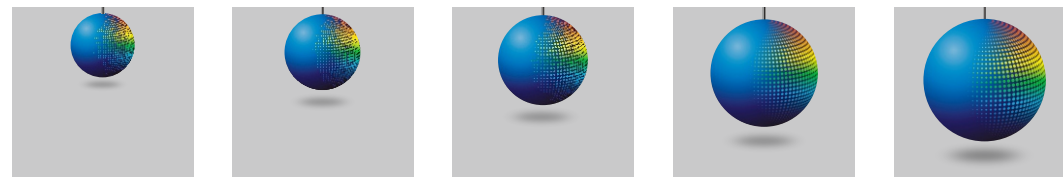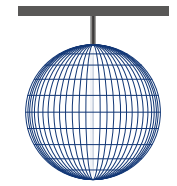
1m	1.5m	1.8m	2.5m	3m

Application

High-end Hotels	Museum	Exhibition Hall	Large Open-air Places

Specs

Product Model	ZR-SP-P2-A	ZR-SP-P2-B	ZR-SP-P2.5-A	ZR-SP-P2.5-B	ZR-SP-P3-A	ZR-SP-P3-B	ZR-SP-P4	ZR-SP-P5	ZR-SP-P6
			Standard Series					Customized Series	
Diameter	1.5m	2m	1m	2m	1.5m	1.8m	Customized	Customized	Customized
Pixel Pitch	2mm±10%	2mm±10%	2.5mm±10%	2.5mm±10%	3mm±10%	3mm±10%	4mm±10%	5mm±10%	6mm±10%
LED Configuration	SMD1212	SMD1212	SMD1515	SMD1515	SMD2121	SMD2121	SMD2121	SMD2121	SMD2121
Pixel Density	250000dots	250000dots	160000dots	160000dots	111111dots	111111dots	"62500 dots	40000 dots	27777 dots
Viewing Distance	2m～50m	2m～50m	2.5m～50m	2.5m～50m	3m～50m	3m～50m	4m～50m	5m～50m	6m～50m
Brightness	≥800nits						above 1000 nit		
Refresh Rate	≥3840Hz						1920-3840Hz		
Ave.Power Consumption	≤240W/㎡						240 W/㎡		
Max.PowerConsumption	≤800W/㎡						800 W/㎡		
Weight	≤30Kgs/Sqm						Customized		
Power Output	5V 40A						5V 40A		
Operating Voltage	AC100V～240V						AC100V～240V		
Operating Frequency	50～60Hz						50～60Hz		
Installation Mode	Floor Stand /Hanging						Floor Stand /Hanging		
Maintenance Mode	Front Service						Front/ Rear Service		
Module Fixed Mode	Magnet Attraction						Magnet Attraction/Screw Fixed		
Waterproof Grade	IP20(Front)/IP20(Back)						IP20/IP65		

PROJECT CASE

2023 The 19th Asian Games (Hangzhou)

2023 The 19th Asian Games (Hangzhou)

International Confucius Culture Festival

Cultural and Tourism Project in Jiangxi

"Ode to Chang'an"Large-scale City Wall Light and Shadow Show

PROJECT CASE

Creative Production of the Beijing 2022 Olympic Winter Games

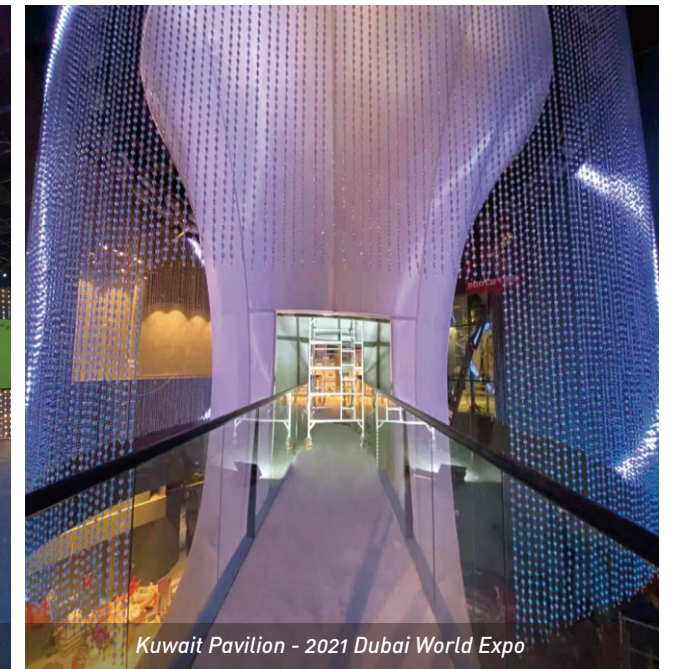The 9th Silk Road Internatonal Arts Festival Opening Ceremony

Creative design and production of Expo 2020 Du bai China Pavilion light show Light of Huaxia

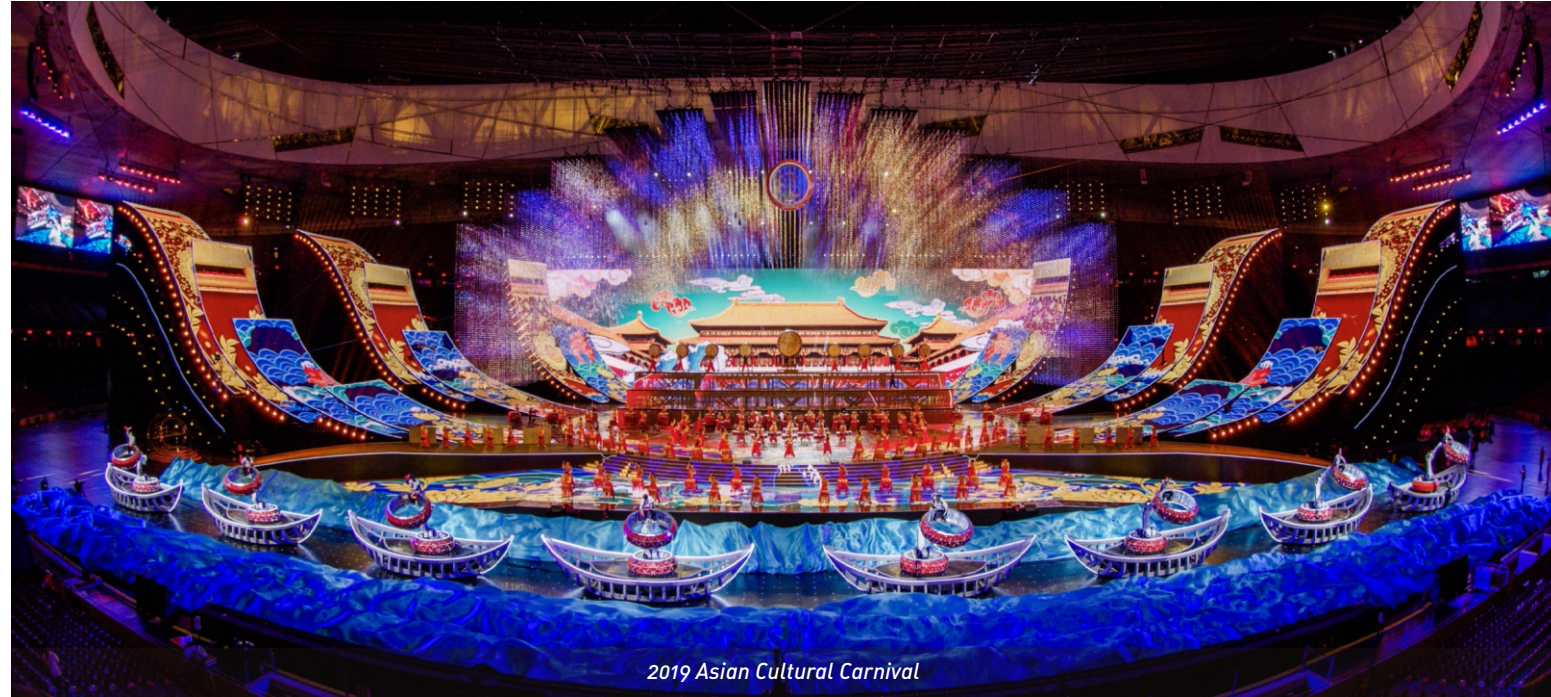Kuwait Pavilion - 2021 Dubai World Expo

Kuwait Pavilion - 2021 Dubai World Expo

Malaysia Pavilion - 2021 Dubai World Expo

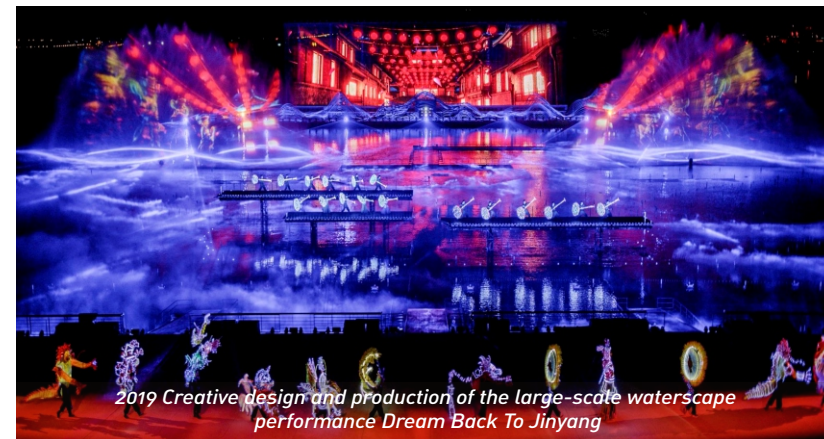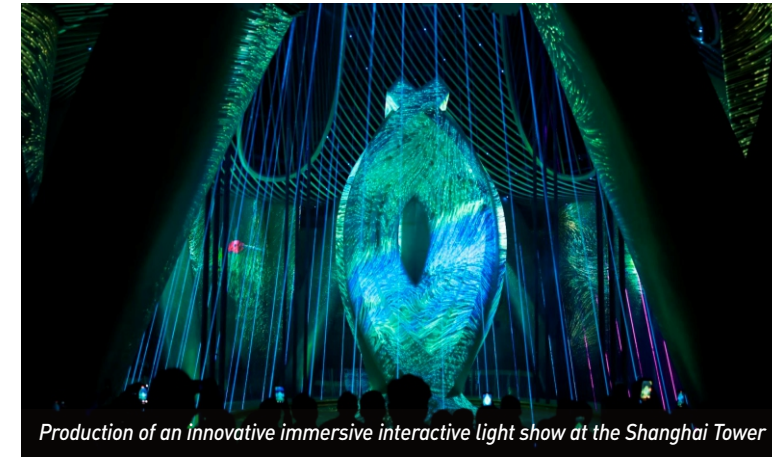Kuwait Pavilion - 2021 Dubai World Expo

PROJECT CASE

2019 Asian Cultural Carnival

Lighting projection design and production of the 7th CISM Military World Games

2019 Creative design and production of the large-scale waterscape performance Dream Back To Jinyang

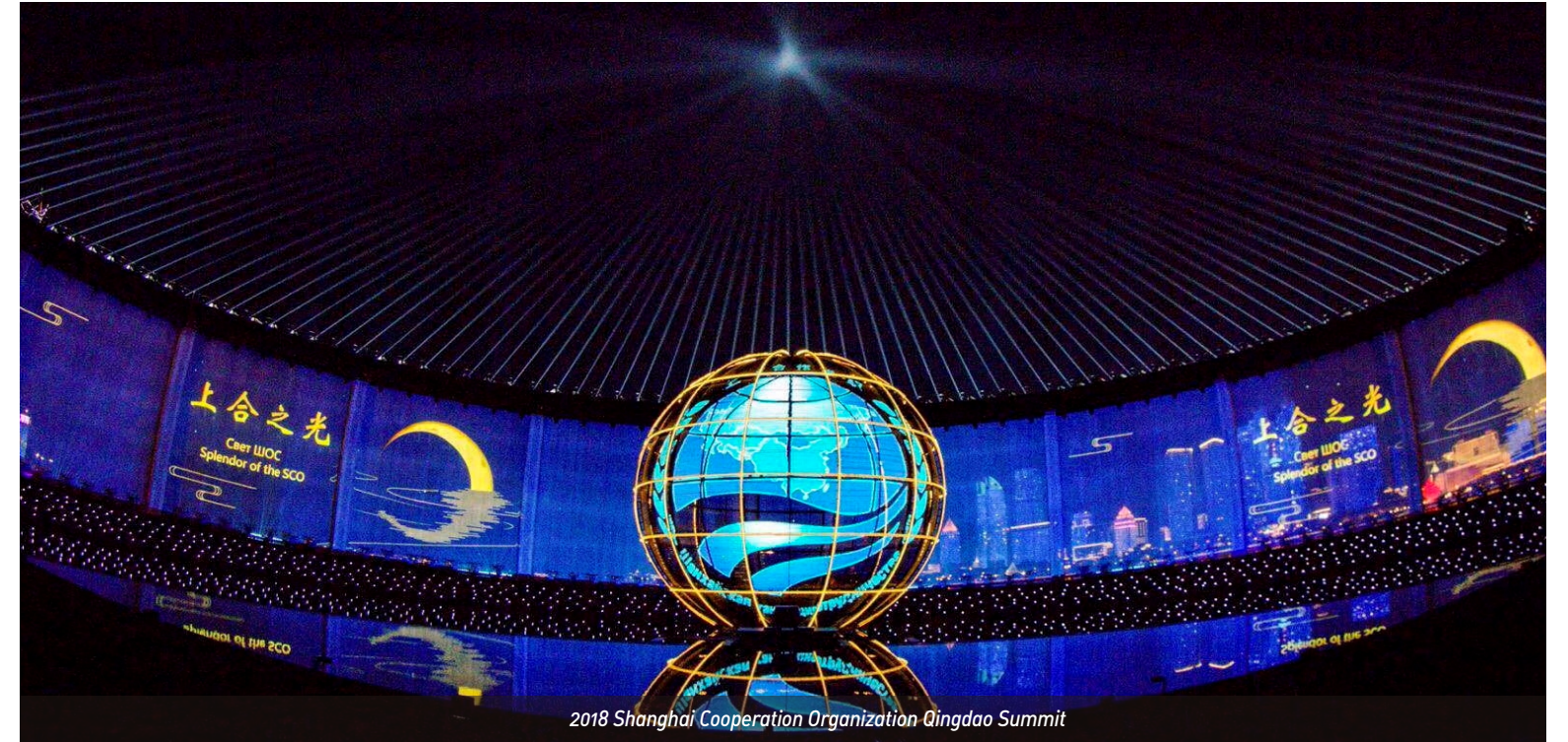Production of an innovative immersive interactive light show at the Shanghai Tower

Production of large scale indoor performance – The Most Memorable Shaoshan

2021 Artistic Lighting design of the Evergrande Group's Ocean Flower Island

PROJECT CASE

The 4th Heilongjiang Provincial Tourism Development Conference

Zhejiang TV's New Year's Eve Concert in 2021

Hunan TV's New Year's Eve Concert in 2021

2018 Shanghai Cooperation Organization Qingdao Summit

The 11th Ethnic Minority Traditional Sports Games

The Second National Youth Games

PROJECT CASE

2019 CCTV Qixi Culture & Art Gala

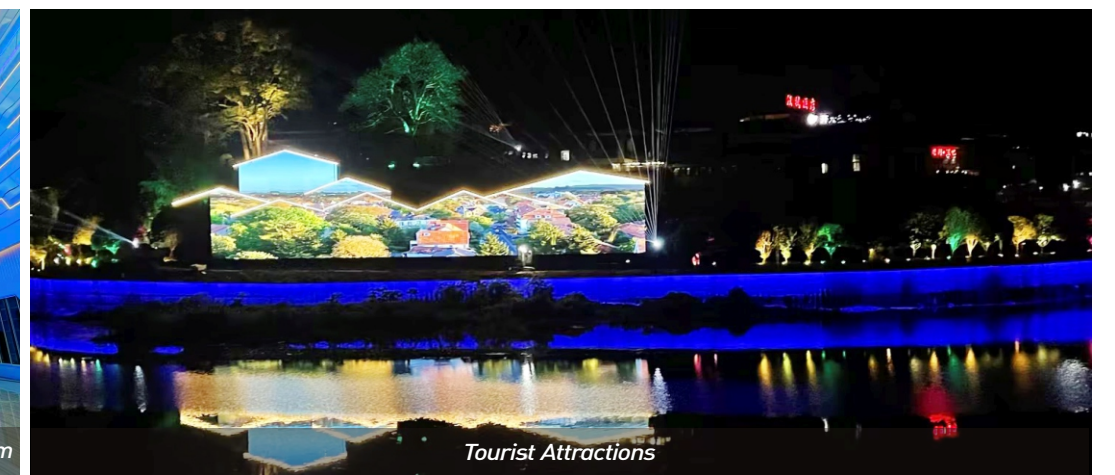2019 Creative design and production of epic theme experiential performance Ode to Han Dynasty

2019 Taiyuan International Bonfire Festival
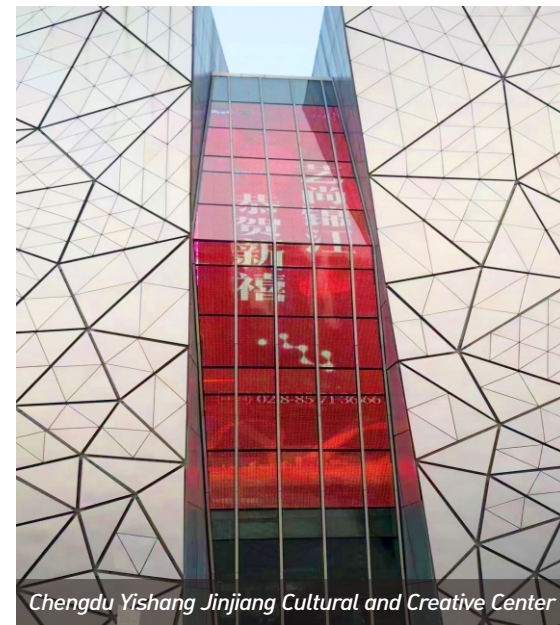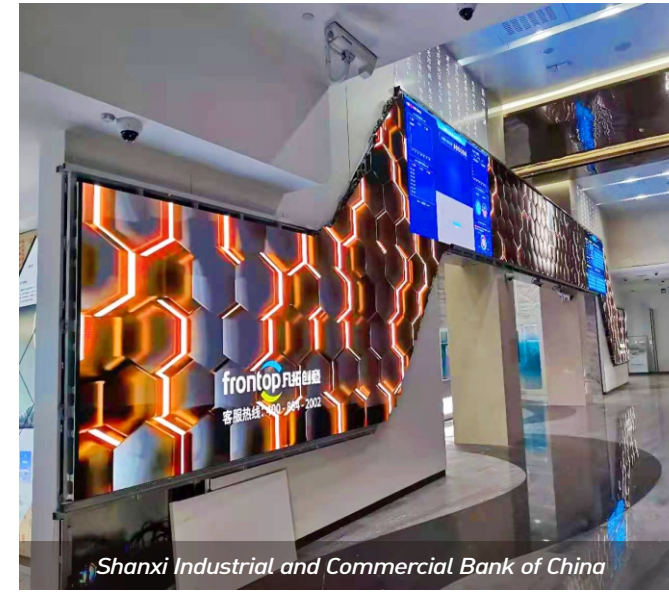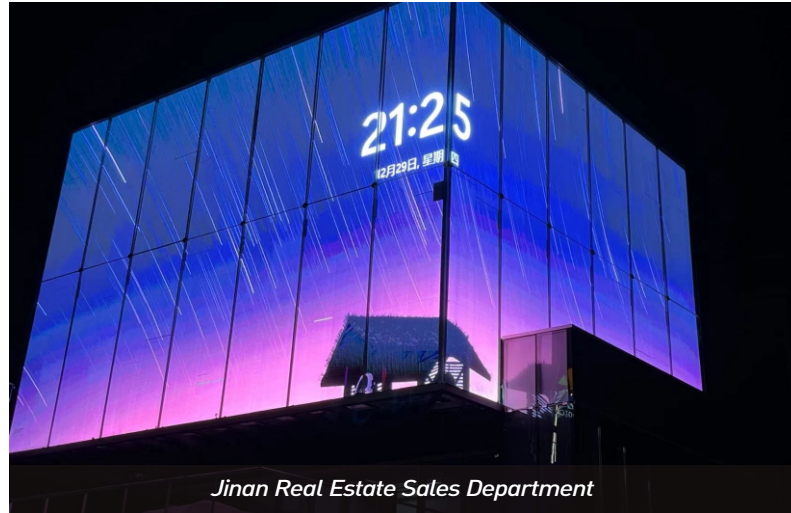
Megaliths in the Garden

Cylindrical Transparent Screen in Space Museum

Tourist Attractions

PROJECT CASE

Jinan Real Estate Sales Department

Taizhou Wuyue Plaza Marketing Center

Fantawild Wonderland

Chengdu Yishang Jinjiang Cultural and Creative Center

Shanxi Industrial and Commercial Bank of China

Xingtai Rui Outdoor Plaza

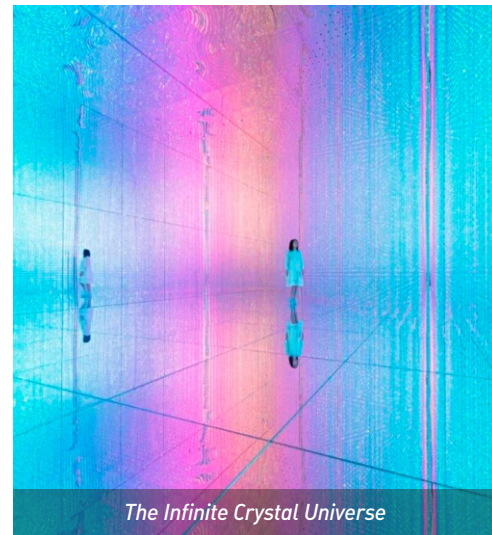Yang Liping Grand Theater in Dali

PROJECT CASE

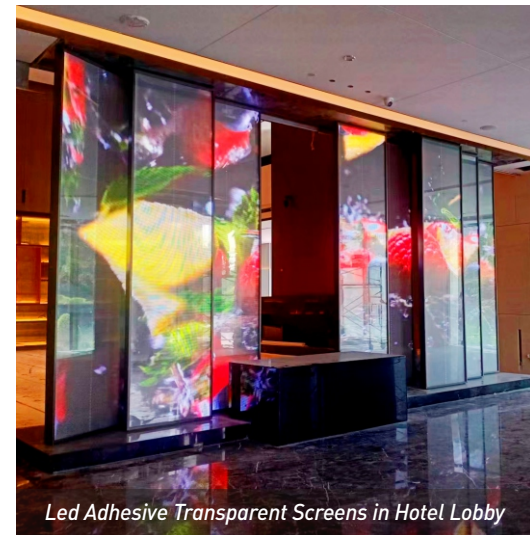Japan Creative LED Display Screen – Giant Stones in Ruins

Xi'an Museum

Wushang Dream Mall Sightseeing Elevator

The Infinite Crystal Universe

Led Adhesive Transparent Screens in Hotel Lobby

Inspiring A Colorful World