



Lyte Master[®]

Innovative Lighting Manufacturer



ABOUT US

Lyte Master GmbH, Germany has been one of the most innovative manufacturers in the lighting industry since its inception in 2007. Over the years the company has evolved and grown with its presence in major markets such as Europe, North America, Asia and Australia, with future ambitions to expand to other regions. Our main focus has always been Quality and to provide the best lighting solutions to our clients. To further this, in 2010 we have expanded to include a Solar Lighting Segment to be able to provide more energy efficient solutions to our customers and reduce carbon footprint without compromising on quality and design.



XR

XR Virtual production, XR stages, Film and Broadcast



1500-2000nits



240HZ



HDR10 4:4:4



20BIT



DCI-P3 color gamut



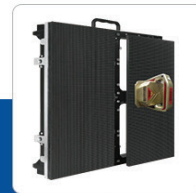
High frame rate



+







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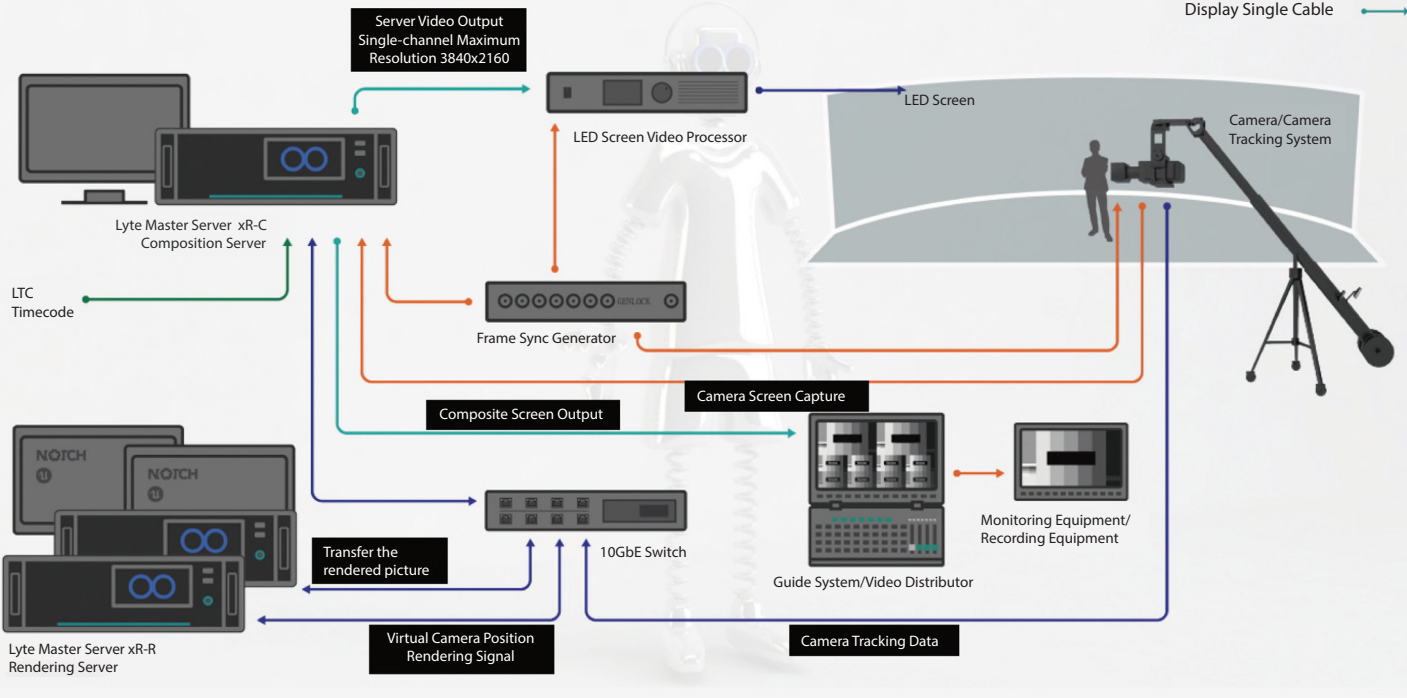


The More We Can Offer You:

- Never Blind screen
- Cloud monitoring
- Intelligent and smart module
- World Class Calibration Technology

XR System Connection Diagram

Network cable 
 SDI Transmission Cable 
 XLR Audio Cable 
 Display Single Cable 



Parameter	P1.95 Indoor	P2.6 Indoor
Brightness(cd / m ²)	1500- 2000	1500- 2000
Refresh rate (Hz)	7680Hz	
Frame rate (Hz)	50/60/120/144/240Hz(optional)	
Gamut	DCI- P3	
Curving(Concave & Convex)	0° / ±2.5° ±5°(optional)	
Max/ Ave (W /m ²)	800/240 (W/m ²)	
Contrast ratio	≥5000:1	
Grayscale (bit)	20bit	
Viewing angle (Deg)	Horizontal≥160°, Vertical≥140°	
Work environment	Temperature - 20°C~+80°C, Humidity10%RH~95%RH	
Lifespan/MTBF(H)	Lifespan≥100000,MTBF ≥50000	



XR Application

- Advertising shooting
- Filming/Virtual Production
- TV series/Web drama
- MTV & Online Concerts
- Studio
- E-sports
- Online Brand Events
- Live studio



Innovative Lighting Manufacturer



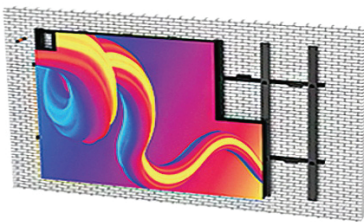
AF Plus 10000nits High Brightness 40%Energy-saving LED display



Marketing Value:



- Save 50% running cost (electronic fee, structure cost, installation cost, freight cost, update cost, brand spread cost etc) .
- No need Air conditioner or Fan, self dissipation.
- Clear and bright even in strong outdoor direct sunlight.
- Smart and user-friendly design, easier installation and operation.
- Easy installation: support directly mounted on wall or with simple bars.



Support directly wall mounted with simple bars(15mm)



Support 90°angle solution



Arc perfect transition



Bars

AF Plus



Fast lock



Module handle



Fast rotation lock



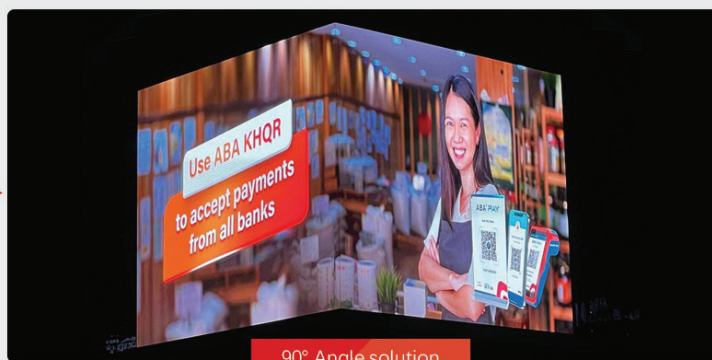
Safe rope



45° Bevel module



45° Bevel cabinet



90° Angle solution

Parameter	P6.25	P7.8	P10
LED Lamp	SMD2727	SMD2727	SMD2727
Brightness (nits)	High brightness≥ 10000nits, Standard brightness:6500-7500nits		
Refresh rate (Hz)	Standard refresh: 1920Hz, High refresh: 3840Hz		
Panel size (mm*mm)	1000x1000x85mm		
Max/ Ave (W/m ²)	10000nits Max power consumption: 718W/m ² , Ave 200W/m ² 7000nits Max power consumption: 560W/m ² , Ave: 150W/m ²		
IP grade	IP65 front / Rear		
Contrast ratio	Contrast ratio: 5000:1		
Grayscale (bit)	16bit		
Frame frequenc (Hz)	50/60HZ		
Viewing angle (Deg)	Horizontal≥160°, Vertical≥140°		
Install / Maintenance way	Maintenance way: Front or rear maintenance; Install way: Front or rear install		
Work environment	Temperature -20°C~+80°C, Humidity 10%RH-95%RH		
Lifespan / MTBF (H)	Lifespan≥ 100000, MTBF≥ 50000		



WS Series

Superb slim and cable free

Marketing Value:

- Never Black Screen
- Intelligent and smart module
- Cloud monitoring
- World Class Calibration Technology



Features



Ultra slim & light:
28mm thickness, 20kg/m² weight.



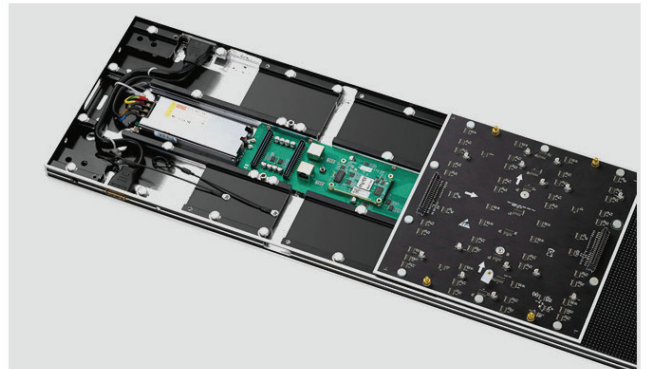
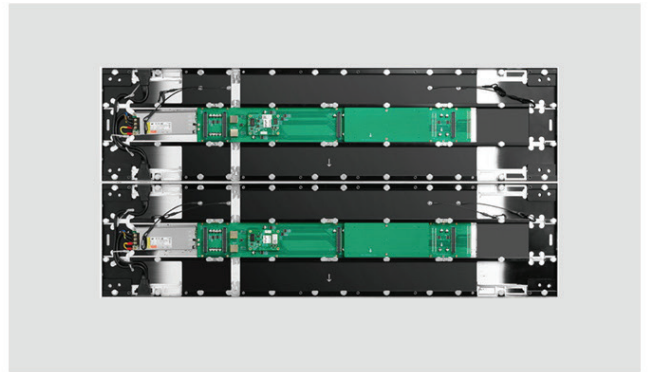
Integrated modular design realizes
cable-free connection.



Support wall mounted directly
or by simple bars.



Seamless splicing with high
precision: 0.05mm, far higher industry
0.15mm standard.

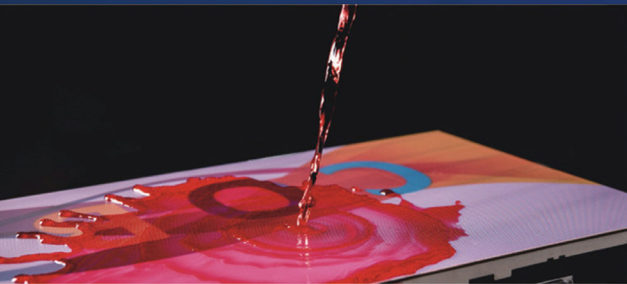


Parameter	P1.56	P1.95	P2.6	P3.91
LED Configuration	SMD1212	SMD1515	SMD1515	SMD2121
Pixel Density(dots/ m ²)	410881dots/m ²	262144dots/ m ²	147456dots/ m ²	65536dots/ m ²
Module size(mm)	250x250mm			
Panel size (mm)	1250x250x28,1000x250x28mm,750x250x28mm optional			
Cabinet weight(kg)	20kg/m ²			
IP Rating	IP40			
Brightness(nits)	Indoor application 400-1000nits,Semi outdoor: 3000-4000nits adjustable			
Viewing Angle(H/V)	Horizontal:160degree,Vertical:140degree			
Gray Scale(bit)	16bit			
Max/ Ave Power Consumption	480/150 (W/m ²)			
Refresh	3840Hz			
Input Voltage(V)	110V-240V 50/60Hz			
Work environment	Temperature -20°C-60°C, 10%-90% Humidity			
Lifespan	Lifespan≥100000,MTBF ≥50000			

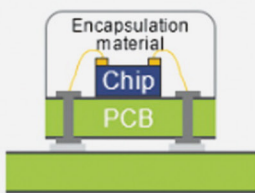
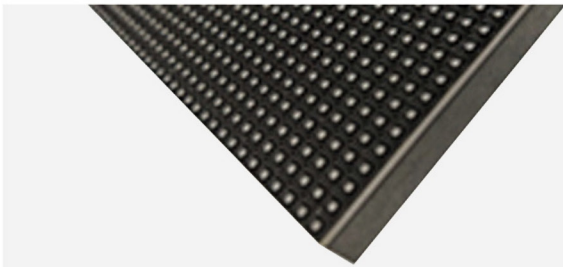
ST Pro-COB series

The high-end 16:9 LED video wall

- Anti-collision,
- High stability,
- High contrast

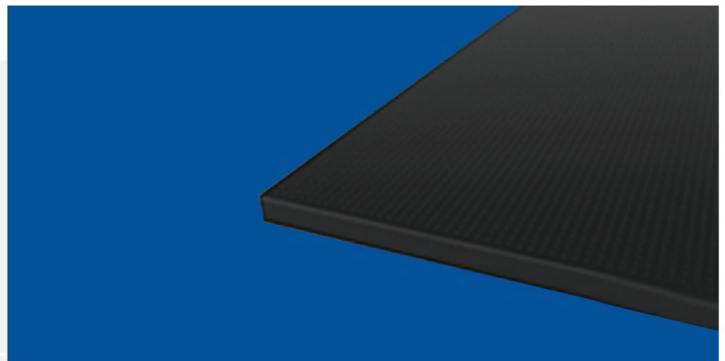


-  IP54 Waterproof
-  Dust Proof
-  Anti-oil Stain
-  Anticollision
-  Antistatic
-  Antioxisation



SMD Packaging Technology

- ✗ Low moisture level
- ✗ Easy to knock and fall
- ✗ MICRO-LED bottleneck
- ✗ Heat dissipation bottleneck
- ✗ Reliability Bottleneck
- ✗ Light efficiency bottleneck



Full Flip COB Packaging Technology

- ✓ High moisture level
- ✓ High protection level
- ✓ MICRO-LED bottleneck
- ✓ Low heat resistance . good heat dissipation
- ✓ No lead , high reliability
- ✓ Inverted structure improves luminosity

ST Pro-COB series

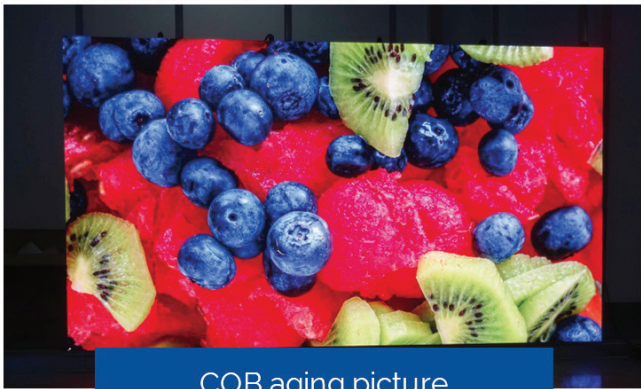
16:9

2K

4K

8K

The high-end 16:9 LED video wall



COB aging picture



SMD aging picture



170°

COB LED Display

Wide viewing angle Complete picture Unbiased.



160°

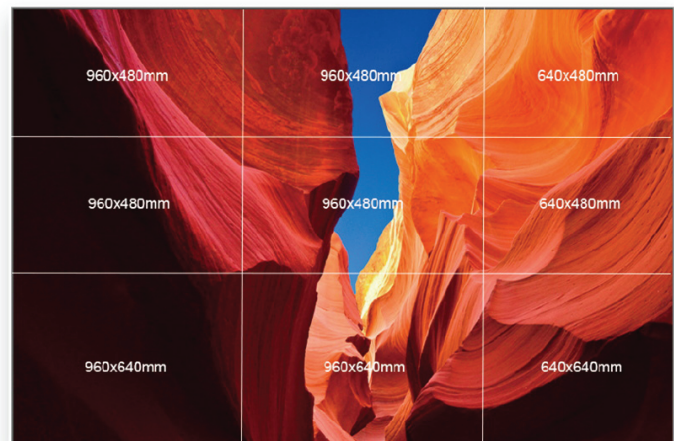
SMD LED Display

Small View Angle Picture distortion Bias

Parameter	P0.93Common Cathode	P1.25	P1.56	P1.87
LED Lamp	Flip COB technology			
Brightness (cd/m ²)	500~800	500~800	500~800	500~800
Refresh rate (Hz)	≥2880Hz	≥3840Hz		
Panel size (mm)	600*337.5*39	600*337.5*39	600*337.5*39	600*337.5*39
Viewing distance(M)	1m-100m			
Max/Ave (W/m ²)	Max power consumption:300W/m ² , Ave power consumption :100W/m ²			
IP grade	IP54			
Contrast ratio	Contrast ratio: 5000:1			
Grayscale (bit)	16bit			
Frame frequenc (Hz)	50/60HZ			
Viewing angle (Deg)	Horizontal≥170° , Vertical≥170°			
Install / Maintenance way	Maintenance way: Front or rear maintenance; Install way: Front or rear install			
Work environment	Temperature -20°C~+80°C, Humidity 10%RH-95%RH			
Lifespan / MTBF (H)	Lifespan≥ 100000, MTBF≥ 50000			

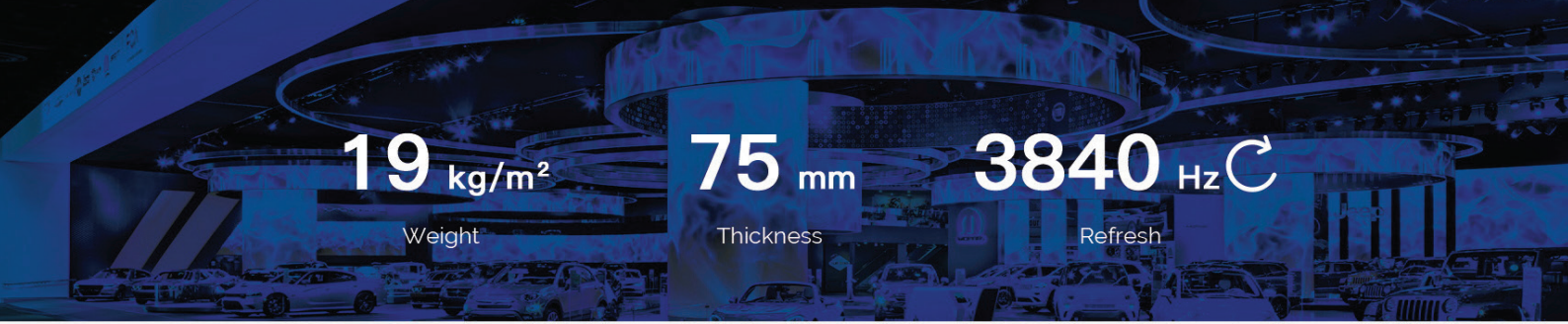


WN Series



Marketing value

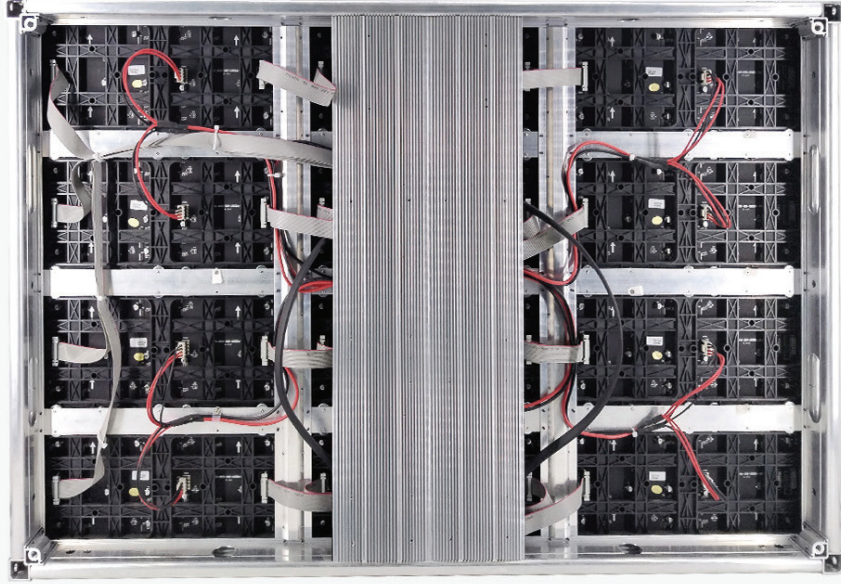
- Seamless splicing with high precision: only 0.05mm error, far higher than industry standard 0.15mm.
- Iron cabinet price, but with aluminum material.
- Front & Rear maintenance optional.
- Support mounting directly on wall or by simple bars.
- Support creative installation with inner arc from 0°-180°
- Four sizes can be spliced together, it can meet any project size requirements: W960xH640mm, W960xH480mm, W640xH640mm, W640xH480mm.



19 kg/m²
Weight

75 mm
Thickness

3840 Hz 
Refresh

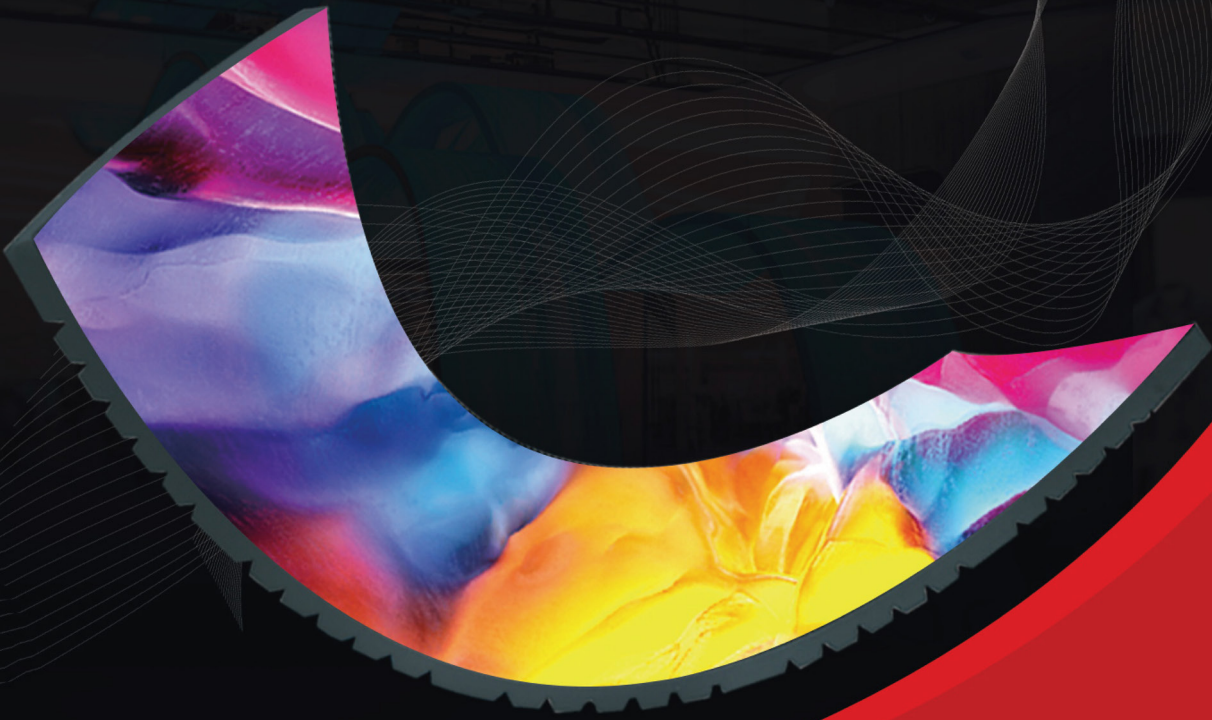


Parameter	P1.8	P2	P2.5	P4	P5
LED Configuration	SMD1515	SMD1515	SMD2121	SMD2121	SMD2121
Pixel Density(dots/ m ²)	284444dots/ m ²	250000dots/ m ²	160000dots/ m ²	62500dots/ m ²	40000dots/ m ²
Panel size(mm)	320x160mm				
Cabinet information	W960xH480mm, W960xH640mm, W640xH640mm, W640xH480mm				
IP Rating	Aluminum profile,Weight: 19kg/m ² ,thickness:75mm				
IP grade	IP40				
Brightness(nits)	800nits	800nits	1200nits	1000nits	1200nits
Viewing Angle(H/V)	Horizontal:160degree,Vertical:140degree				
Grayscale (bit)	16bit				
Max/ Ave Power	600/180 (W/m ²) 530/180 (W/m ²) 580/175 (W/m ²) 620/186 (W/m ²) 400/120 (W/m ²)				
Refresh	3840Hz				
Input Voltage(V)	110V-240V 50/60Hz				
Work environment	Temperature -20°C-60°C, 10%-90% Humidity				
Lifespan	Lifespan≥100000H, MTBF≥50000H				



CV SERIES THE KING OF CREATIVITY

Softer, Thinner, Smooth, More Protective



Features



Large angle



No warping



Good flexibility



No degumming



16:9

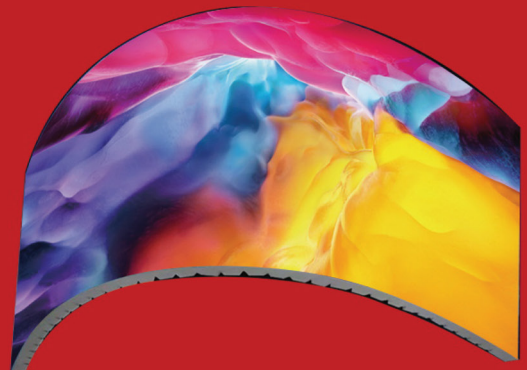
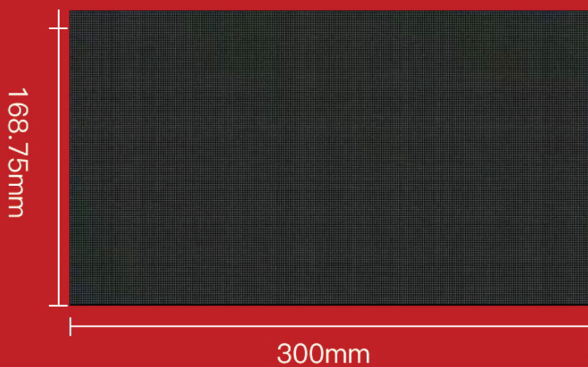


High contrast

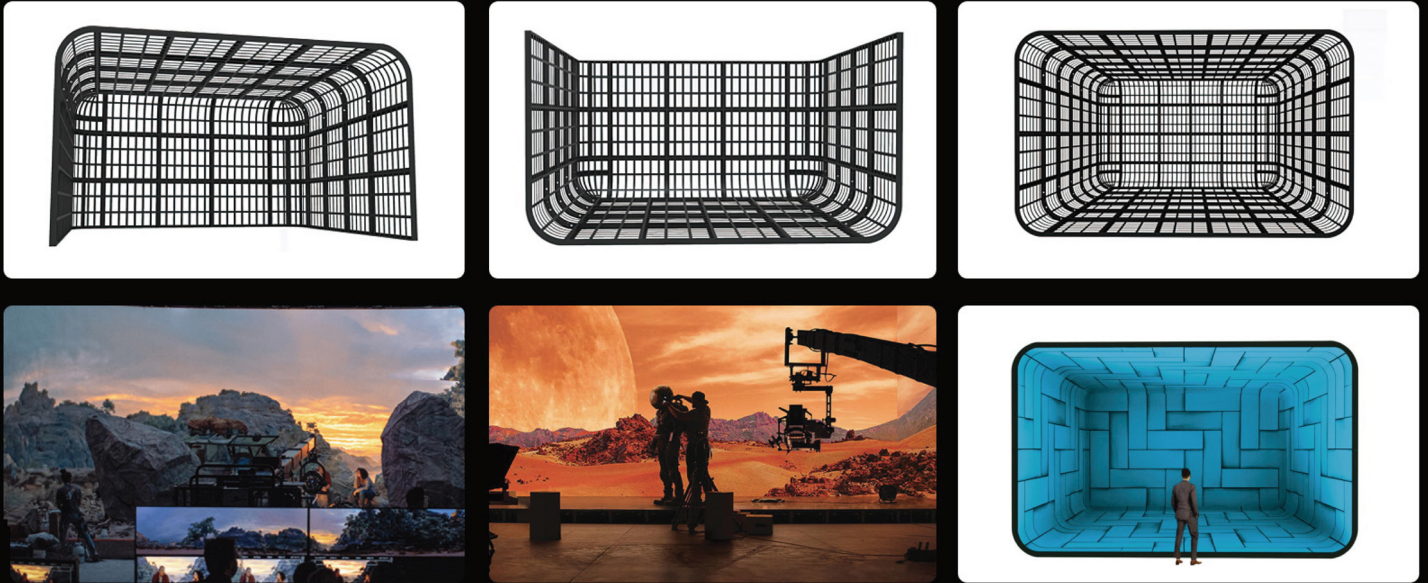
2K 4K 8K SOLUTION

Perfect realize pixel to pixel

16:9 golden ratio display panel



Immersive Virtual Interactive Experience Space



Application

Tourist attractions, City landmarks, Museums, Planetariums, Star hotels, Luxury stores, Brand chains, Exhibition hall, Exhibition, Fashion Show, Wedding, Commercial Centre, Shopping mall, Vocal concert, Car 4S store, etc





RB Series

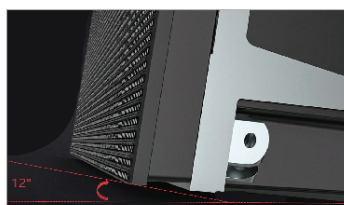
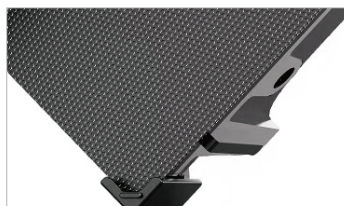
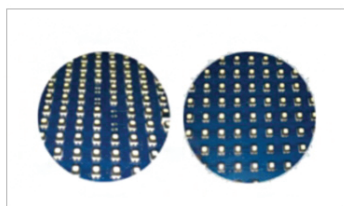
Best selling popular Rental stage LED Display



Angles $0^{\circ} \pm 2.5^{\circ} \pm 5^{\circ}$



Triple anti-collision



- Lamp bead anti-collision design since 2022
- Anti collision design of cabinet
- Designed 45 degree tilt anti-collision

Parameter	Indoor P2.6	Indoor P2.9	Indoor P3.9	Outdoor P2.9	Outdoor P3.9
LED Configuration	SMD1515	SMD2121	SMD2121	SMD1415	SMD1921
Pixel Density(dots/ m ²)	147456dots/ m ²	112896dots/m ²	65536dots/m ²	112896dots/ m ²	65536dots/ m ²
IP Rating	IP40			IP65	
Brightness(nits)	800-1200nits			4000-5000nits adjustable	
Max Power Consumption	640/200 (W/m ²)				
Module size(mm)	250x250mm				
Cabinet size(mm)	500x500mm & 500x1 000mm				
Cabinet weight(kg)	7.5kg/12kg				
Viewing Angle(H/V)	Horizontal: 160degree,Vertical: 140degree				
Gray Scale(bit)	16bit				
Refresh	3840Hz				
Input Voltage(V)	110V-240V 50/60Hz				
Work environment	Temperature -20°C-60°C, 10%-90% Humidity				
Lifespan	Lifespan≥100000H, MTBF≥50000H				



Japan 40m² P3.91 Outdoor LED Display



Indonesia 120m² P2.9 Indoor LED Display



Japan 26m² WPT P2.9 Indoor LED Display



Syria 90m² P3.91 Indoor LED Display