Uslim III
Diverse Shapes, Unlimited Creativity

Unilumin

UslimⅢ ,
the display with next generation technology

In today's dynamic market, effectively showcasing your brand is essential. Our technology transforms spaces into vibrant canvases that reflect your identity, engaging customers at every touchpoint. By creating immersive experiences, we invite your audience to connect with your brand on a deeper level, leaving a lasting impression. This approach not only unlocks new perspectives but also unleashes creativity, empowering your team to innovate and inspire. Let your vision shine and captivate your audience like never before.

Showing your brand

Elevate your brand by being outstanding

Create an experience

Transform environments to engage audiences and create unforgettable experiences.

Unlock vision
Unleash Creativity

Unlock potential and inspire creativity with stunning visual displays that captivate imaginations

Showing your brand

Unilumin is here to support your brand's growth.
We recognize the dedication it takes to stand out in a competitive landscape. Our advanced visual solutions, featuring free splicing and optional MIP technology, help you connect with your audience, creating engaging experiences that highlight your brand's essence and leave a lasting impact.
The flexible design of UslimⅢ allows for seamless integration into various environments, enhancing your brand's visibility and appeal.

Create an experience

This innovative display solution engages audiences and creates lasting interactions. Its advanced visuals transform environments, and with optional MIP technology, you enhance these experiences even further, delivering stunning visuals and exceptional color consistency that leave a lasting impression.

Unlock Vision
Unleash Creativity

Transform your brand's narrative by exploring new possibilities that spark creativity. Engaging your audience through immersive experiences empowers your team to innovate and bring fresh ideas to life, ultimately enhancing your brand's impact and visibility.

Retail Settings

Engage shoppers and boost sales with MIP displays that enrich your brand identity and provide captivating experiences in retail spaces.

Automotive Dealership

Use MIP screens to create dynamic vehicle presentations, showcase key features, and offer customers an engaging and interactive shopping experience.

Fine Dining Restaurant

Displaying delicious animations boosts appetite and brand impact, attracting customers and enhancing their dining experience.

Hospitality TV

Craft memorable experiences for guests as they arrive in the lobby, explore the dining area, enjoy entertainment options, or unwind in their elegant accommodations.

Business

Enhance the corporate lobby with LED screens that display dynamic content, convey brand messages, and create an inviting atmosphere for visitors.
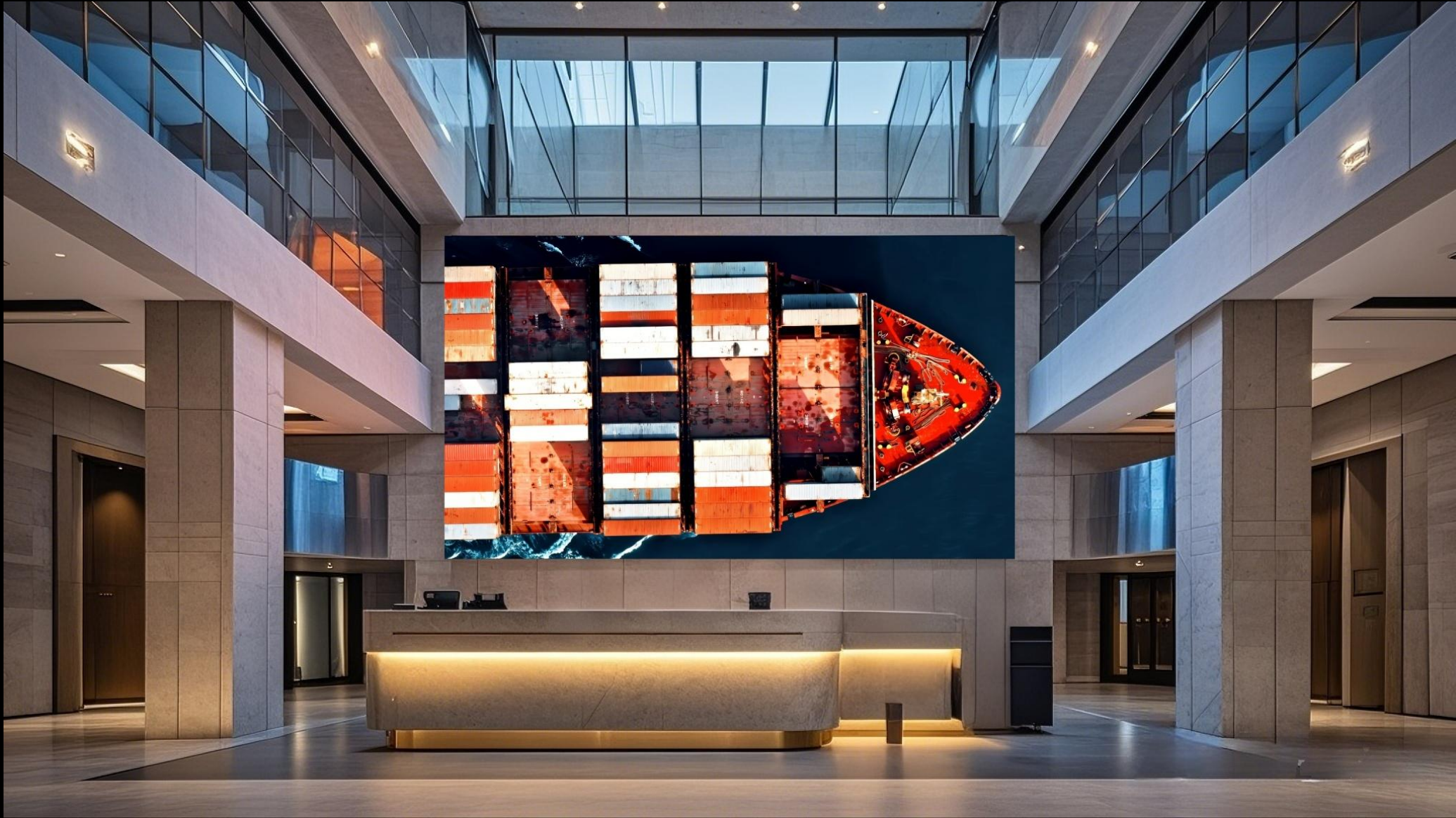
Exhibition hall & Gallery

Transform the exhibition hall and gallery into an engaging space where visitors are captivated by stunning visuals, interactive displays, and immersive storytelling.

Healthcare Setting

Use LED displays to present crucial health information clearly, while sharing patient stories and promoting wellness initiatives in an engaging way.

Features

The UslimⅢ provides outstanding versatility, serving multiple purposes within a single screen, ideal for branding and interactive experiences.

Additionally, its MIP version delivers exceptional picture quality with advanced processing technology, producing vibrant visuals that captivate audiences and enhance engagement.
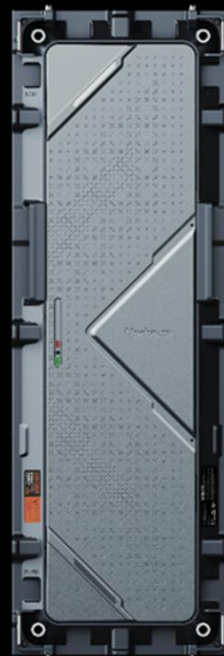
Four sizes

Make shapes freely

250mm
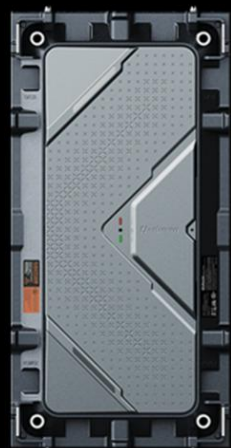
500mm
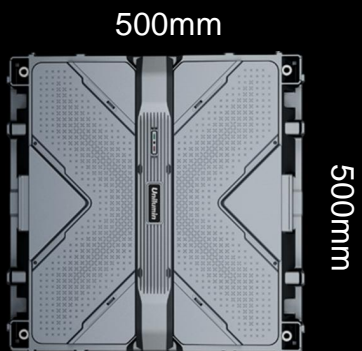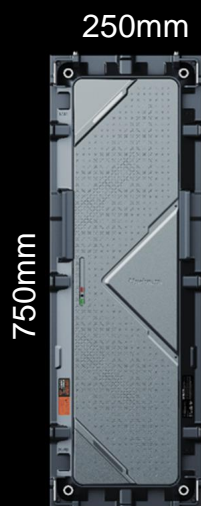
500mm

500mm

500mm

1000mm
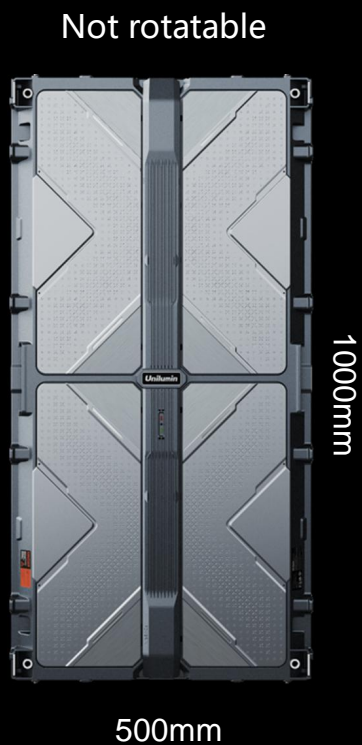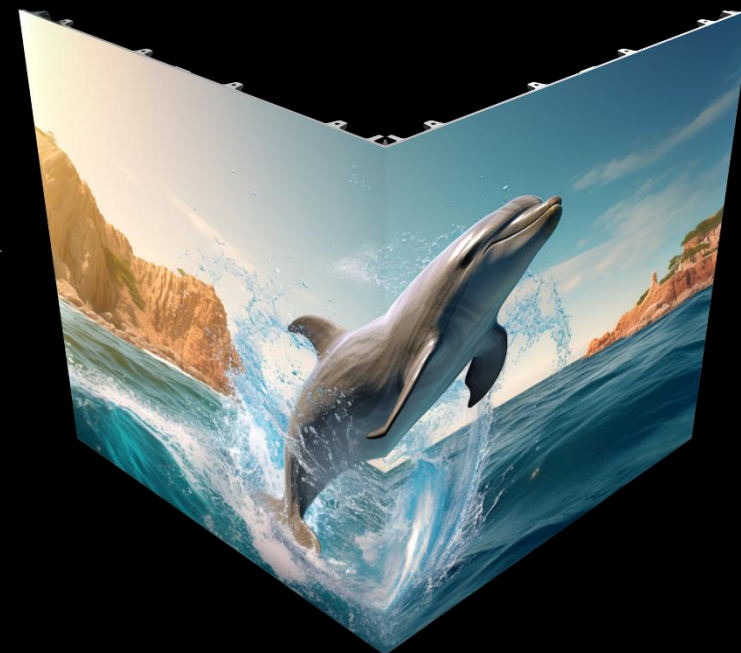
250mm

750mm

800-1000nits

3500nits

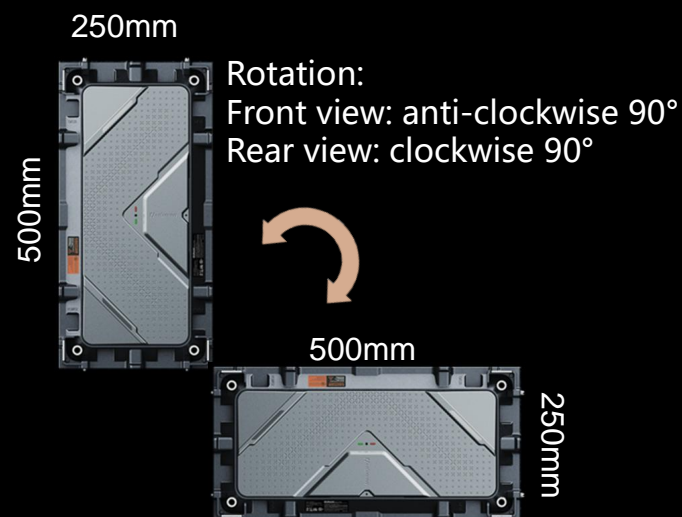Brightness options

Indoor or Semi-outdoor brightness options

500mm

500mm

Not rotatable

Four sizes

Make shapes freely

Straight corner option

1000mm

500mm

250mm

750mm

Rotation:
Front view: anti-clockwise 90°
Rear view: clockwise 90°

750mm
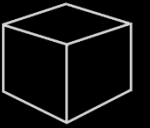
250mm

250mm

500mm

Rotation:
Front view: anti-clockwise 90°
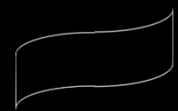Rear view: clockwise 90°
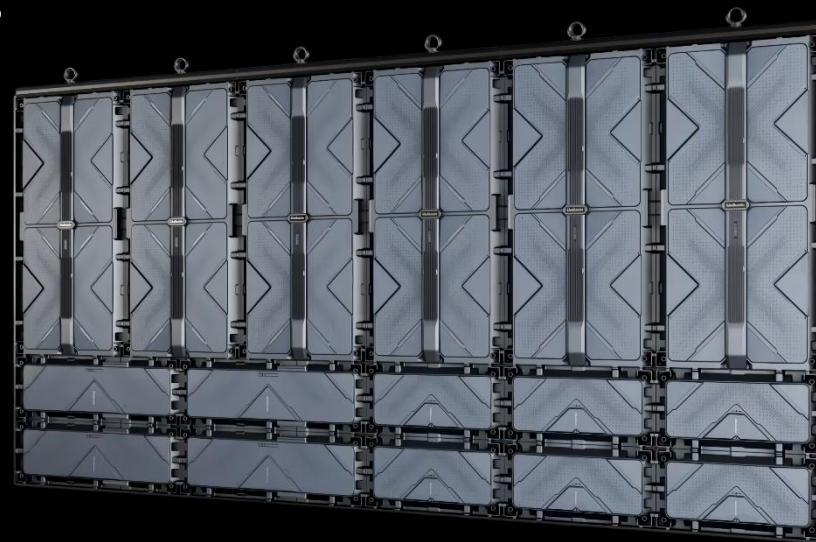
500mm

250mm
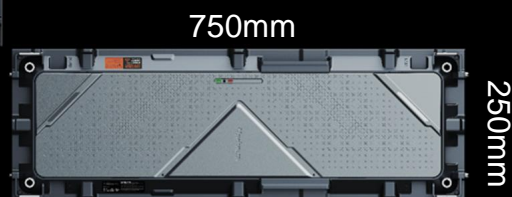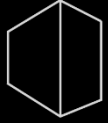
L shape

Cube

Ceiling

Round shape

Installation options

Standard fixing

Hanging structure

Rental structure

Back strip wall-mount

Frame strip

Frame strip is optional
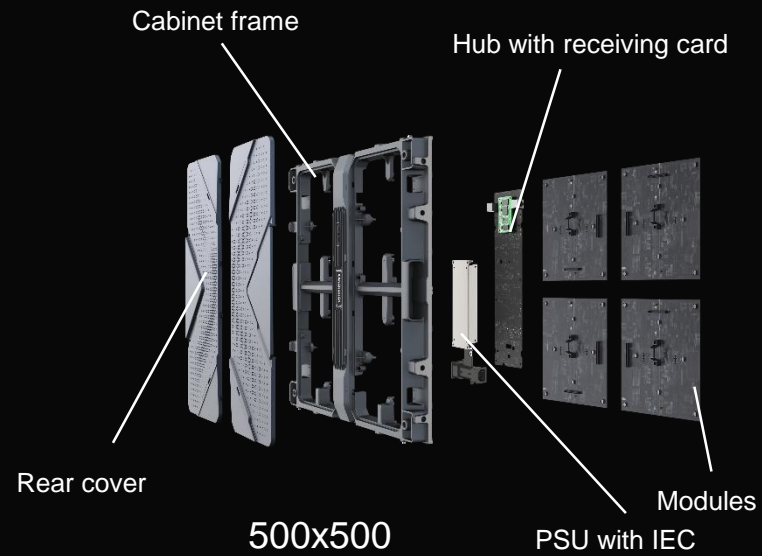
Internal cordless connection

UslimⅢ 's internal cordless connection facilitates easy maintenance while ensuring stable signal transmission.

This design minimizes cable clutter, allowing for quick access to components and enhancing overall reliability, making it an efficient choice for seamless operation.

500x500

Cabinet frame
Hub with receiving card
Rear cover
Modules
PSU with IEC

500x1000

Cabinet frame
Hub with receiving card
Standard with 2-in-1 design
Rear cover
PSU with IEC
Modules

250x750

Cabinet frame
Hub with receiving card
Rear cover
PSU
Modules

250x500

Cabinet frame
Hub with receiving card
Rear cover
PSU
Modules

Front maintenance tool

Module
Front side

Module
Rear side

Module
front & rear access
for servicing

Module front access
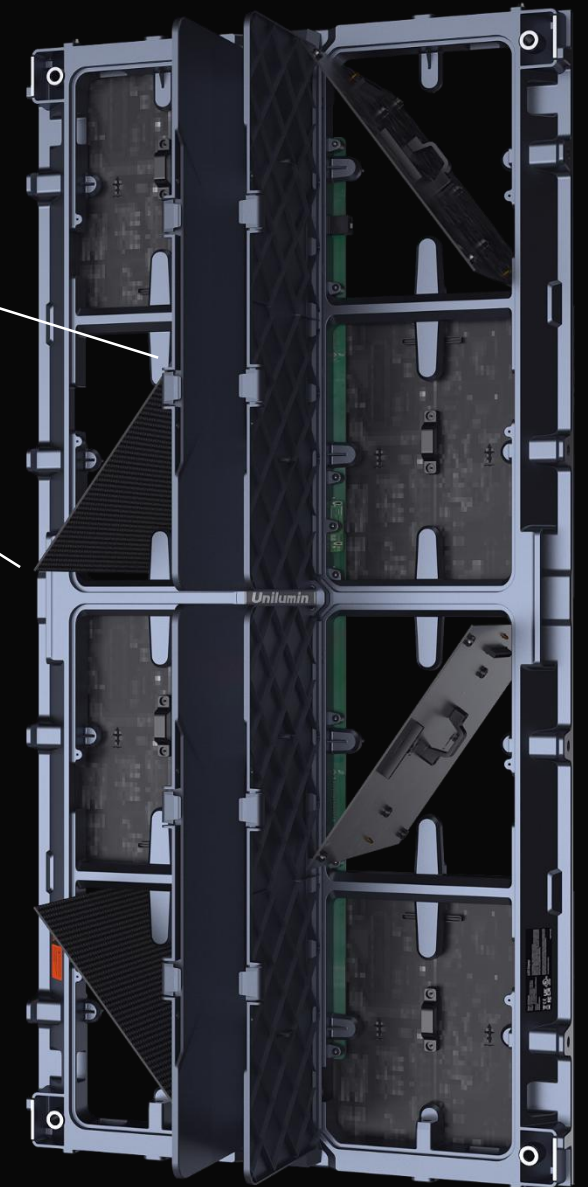
Module rear access

MIP and EBL+

Deep black levels are vital for revealing fine details. The UslimⅢ MIP boosts contrast with smaller LEDs for deeper blacks and clearer details.
Advanced coatings ensure dark scenes are vivid, creating a striking visual experience that highlights every detail.

Pixel   PCB Board

Traditional SMD

EBL+ multilayer nano-optical material coating

MIP Flip-Chip Pixel

UslimⅢ MIP
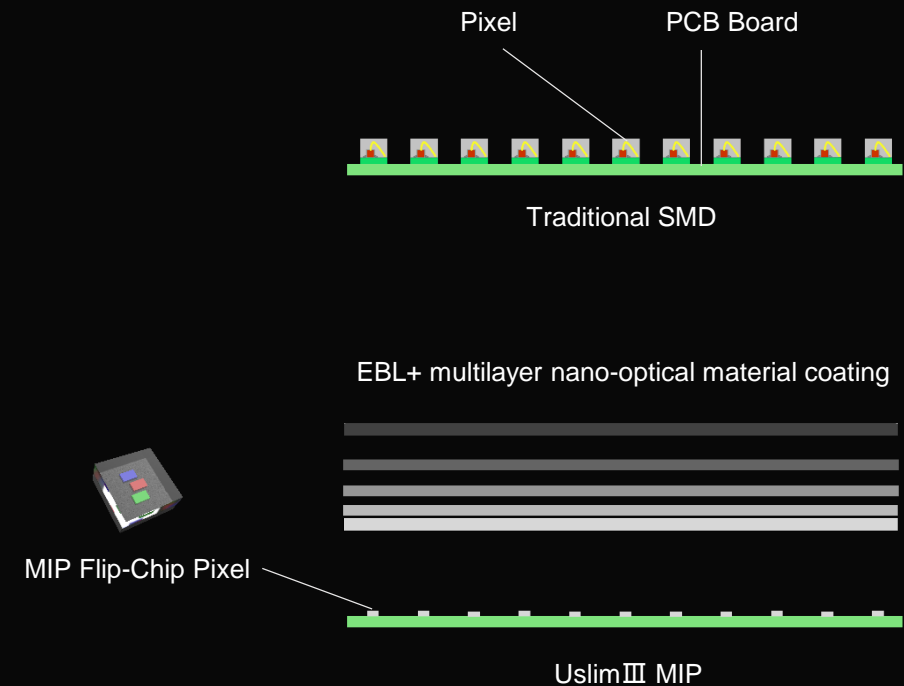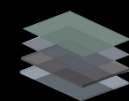
EBL+ （Enhance black level+）

Deep black		Low Moiré	
Anti-glare		Anti-reflections	
Soft display		Low touch marks	
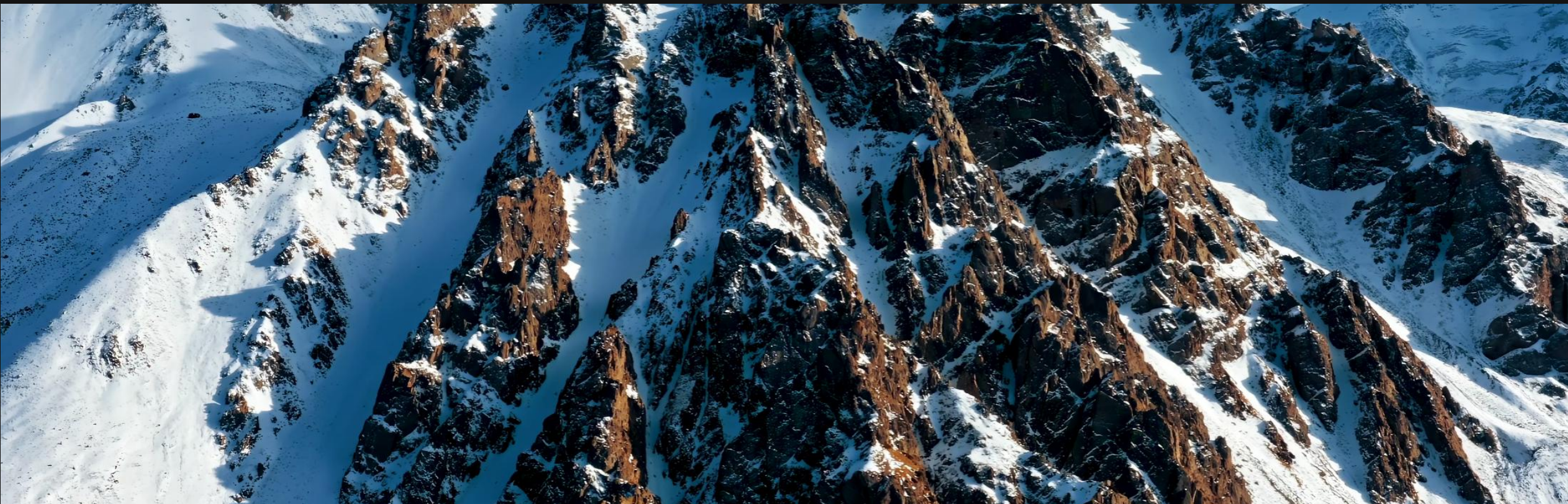
Ultra-high consistency over 99%

The mix bin process in MIP production enables over 99% consistency and provides a wide viewing angle without color distortion.
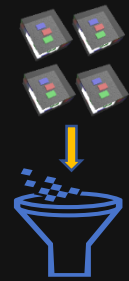
Soft display and true colors

A display offers clear colors and a gentle appearance, enhancing visual comfort while making content more inviting to viewers.
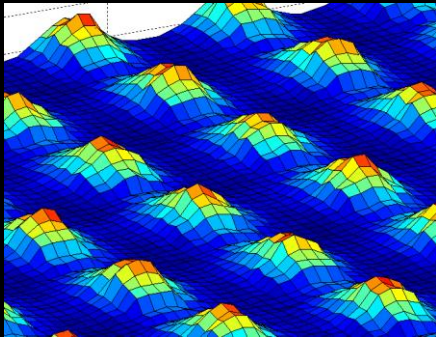
UslimⅢ MIP
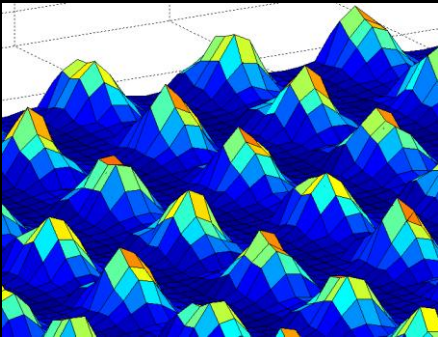
Traditional SMD

EBL+ coating protections

Module dust resistance

EBL+ multilayer nano-optical material coating

MIP Flip-Chip Pixel

Impact object

UslimⅢ MIP

Dust

Water

Static Electricity
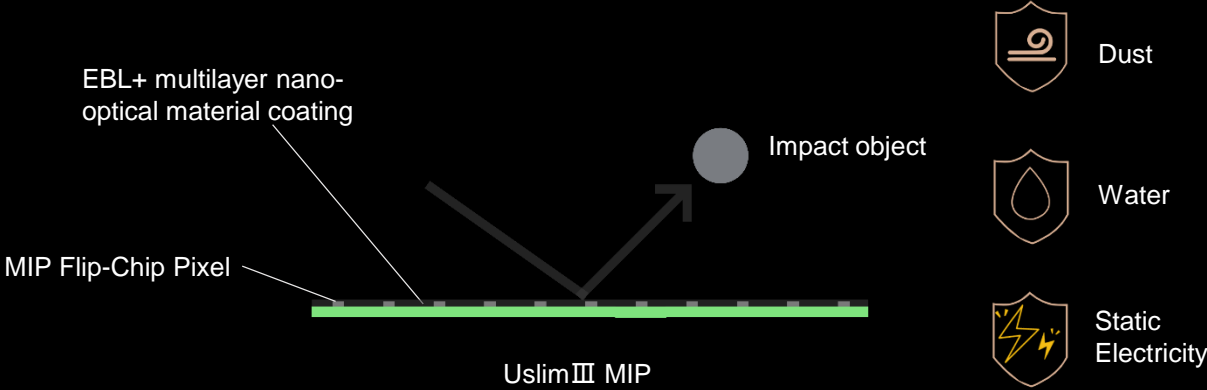
Comparing with other SMD products (without surface coating), UslimⅢ MIP provides surface coating treatments against dust, water and static electricity.

The UslimⅢ and UslimⅢ MIP modules feature a special anti-dust design, ensuring they remain clean and pristine over time.

In contrast, dust can accumulate on magnetic column areas of other products, forming stains.

Dust resistance
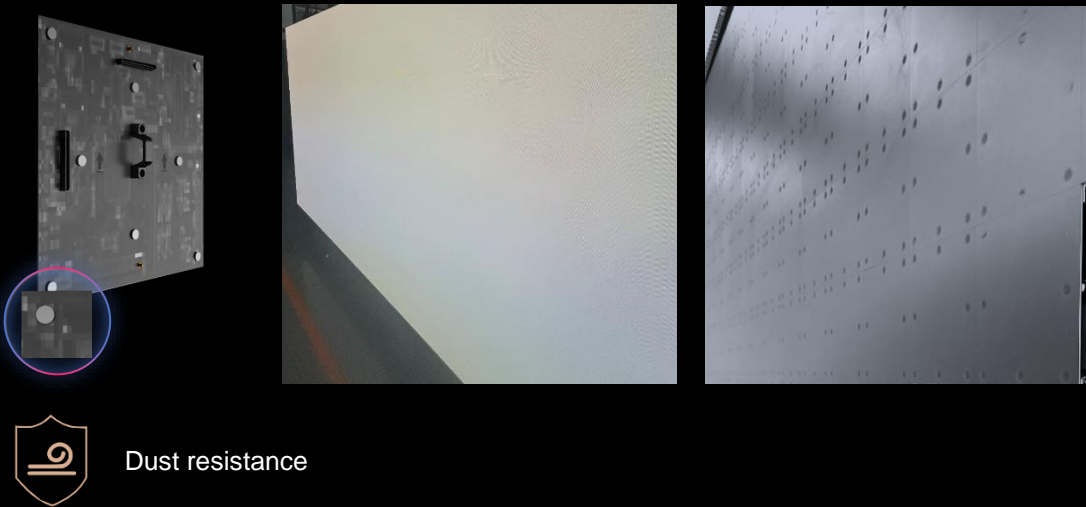
Other optional functions

Pixel Error Detection

Power Backup

GOB
SMD Indoor brightness

Module Safety Ropes

Signal Backup

HDR

Specifications – SMD standard

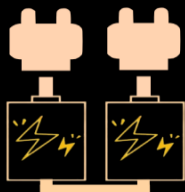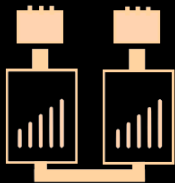| Model		UslimⅢ 1.5	UslimⅢ 1.9	UslimⅢ 2.5	UslimⅢ 3.9
Cabinet Parameter	Pixel Pitch	1.56	1.95	2.5	3.906
	LED Type	SMD	SMD	SMD	SMD
	Pixel Density	409,600	262,144	160,000	65,536
	Pixels Per module	160x160	128x128	100x100	64x64
	Module Size	250x250mm	250x250mm	250x250mm	250x250mm
	Pixels Per Panel	320×640/320×320/320×160/160×320/160×480/480×160 pixels	256×512/256×256/256×128/128×256/128×384/384×128 pixels	200×400/200×200/200×100/100×200/100×300/300×100 pixels	128×256/128×128/128×64/64×128/64×192/192×64 pixels
	Panel Size	500×1000/500×500/500×250/250×500/250×750/750×250mm×40mm			
	Weight	10.5/5.4/3.5/3.5/4.5/4.5kg /panel			
	Maintenance	Module: Front and Rear Cabinet: Front			
	Ingress Protection	IP30			
	Planeness	≤0.2mm			
	Recommended Viewing Distance	≥1.5m	≥2m	≥2.5m	≥4m
	Material	Die-cast Aluminum			
Optical Parameter	Brightness	800cd/m²	900cd/m²	1000cd/m²	1000cd/m²
	Calibration	Support brightness and chroma			
	Brightness Control	Manual/Automatic			
	Color Temperature	2,000K~9,300K Adjustable			
	Viewing Angle (Horizontal / Vertical)	160°/160°			
	Contrast Ratio	5000:1	5000:1	5000:1	5000:1
	Gray scale	14bit	14bit	14bit	14bit
Electrical Parameter	Input Power <Max>	480W/m²	460W/m²	450W/m²	440W/m²
	Input Power <Typical>	160W/m²	154W/m²	150W/m²	147W/m²
	Input Voltage	100~240VAC			
	LED Life Time	100,000 Hours			
	Refresh Rate	5760Hz	7680Hz	7680Hz	7680Hz
	Video Frame Rate	50&60Hz			
Operation Conditions	Operating Temperature/Humidity	-10℃~+45℃/10~80%RH			
	Storage Temperature/Humidity	-20℃~+55℃/10~85%RH			
	Standard Mounting Configuration	Concave and Convex, Round shape , Corner Shape , Cube			

Specifications – SMD semi-outdoor

Model		UslimⅢ 1.9	UslimⅢ 2.5	UslimⅢ 3.9
Cabinet Parameter	Pixel Pitch	1.95	2.5	3.906
	LED Type	SMD	SMD	SMD
	Pixel Density	262,144	160,000	65,536
	Pixels Per module	128x128	100x100	64x64
	Module Size	250x250mm	250x250mm	250x250mm
	Pixels Per Panel	256×512/256×256/256×128/128×256/128×384/384×128 pixels	200×400/200×200/200×100/100×200/100×300/300×100 pixels	128×256/128×128/128×64/64×128/64×192/192×64 pixels
	Panel Size	500×1000/500×500/500×250/250×500/250×750/750×250mm×40mm		
	Weight	10.5/5.4/3.5/3.5/4.5/4.5kg /panel		
	Maintenance	Module: Front and Rear Cabinet: Front		
	Ingress Protection	IP30		
	Planeness	≤0.2mm		
	Recommended Viewing Distance	≥2m	≥2.5m	≥4m
	Material	Die-cast Aluminum		
Optical Parameter	Brightness	3500cd/m²	3500cd/m²	3500cd/m²
	Calibration	Support brightness and chroma		
	Brightness Control	Manual/Automatic		
	Color Temperature	2,000K~9,300K Adjustable		
	Viewing Angle (Horizontal / Vertical)	160°/160°		
	Contrast Ratio	3000:1	3000:1	3000:1
	Gray scale	14bit	14bit	14bit
Electrical Parameter	Input Power <Max>	460W/m²	460W/m²	480W/m²
	Input Power <Typical>	154W/m²	154W/m²	160W/m²
	Input Voltage	100~240VAC		
	LED Life Time	100,000 Hours		
	Refresh Rate	5760Hz	7680Hz	7680Hz
	Video Frame Rate	50&60Hz		
Operation Conditions	Operating Temperature/Humidity	-10℃~+45℃/10~80%RH		
	Storage Temperature/Humidity	-20℃~+55℃/10~85%RH		
	Standard Mounting Configuration	Concave and Convex, Round shape , Corner Shape , Cube		

Specifications – MIP standard

Model		UslimⅢ MIP 1.5	UslimⅢ MIP 1.9	UslimⅢ MIP 2.5
Cabinet Parameter	Pixel Pitch	1.56	1.95	2.5
	LED Type	MIP	MIP	MIP
	Pixel Density	409,600	262,144	160,000
	Pixels Per module	160x160	128x128	100x100
	Module Size	250x250mm	250x250mm	250x250mm
	Pixels Per Panel	320×640/320×320/320×160/160×320/160×480 /480×160 pixels	256×512/256×256/256×128/128×256/128×384 /384×128 pixels	200×400/200×200/200×100/100×200/100×300 /300×100 pixels
	Panel Size	500×1000/500×500/500×250/250×500/250×750/750×250mm×40mm		
	Weight	10.5/5.4/3.5/3.5/4.5/4.5kg /panel		
	Maintenance	Module: Front and Rear Cabinet: Front		
	Ingress Protection	Front IP50 / Rear IP30		
	Planeness	≤0.2mm		
	Recommended Viewing Distance	≥1.5m	≥2m	≥2.5m
	Material	Die-cast Aluminum		
Optical Parameter	Brightness	1000cd/m²	1000cd/m²	1000cd/m²
	Calibration	Support brightness and chroma		
	Brightness Control	Manual/Automatic		
	Color Temperature	2,000K~9,300K Adjustable		
	Viewing Angle (Horizontal / Vertical)	160°/160°		
	Contrast Ratio	20000：1	20000：1	20000：1
	Gray scale	14bit	14bit	14bit
Electrical Parameter	Input Power <Max>	360W/m²	360W/m²	360W/m²
	Input Power <Typical>	120W/m²	120W/m²	120W/m²
	Input Voltage	100~240VAC		
	LED Life Time	100,000 Hours		
	Refresh Rate	5760Hz	7680Hz	7680Hz
	Video Frame Rate	50&60Hz		
Operation Conditions	Operating Temperature/Humidity	-10℃~+45℃/10~80%RH		
	Storage Temperature/Humidity	-20℃~+55℃/10~85%RH		
	Standard Mounting Configuration	Concave and Convex, Round shape , Corner Shape , Cube		

Upgrade for better
Highlights

Internal cordless connection

Optional for MIP version
(indoor and semi-outdoor brightness)

More cabinet sizes

- Indoor and semi-outdoor brightness
- Thickness:40mm
- Weight:10.5kg
- Front & Rear maintenance
- 7680Hz
- Internal cords connection
- EMC Class B
- 3 cabinet sizes
- Optional with cabinet metal rear plates (standard with plastic plates)

- Indoor and semi-outdoor brightness
- Thickness:40mm
- Weight:10.5kg
- Front maintenance
- 3840-7680Hz
- Internal cordless connection
- EMC Class B
- 4 cabinet sizes for more creative splicing options
- Standard with cabinet metal rear plates
- MIP version for ultimate visuals
- Stock available for fast delivery (selected standard specs)

UslimⅡ

UslimⅢ

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T H A N K S