

MDSdisplays.com

# Indoor & Outdoor Rugged LED Display

Modular - perfect for rental operations

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Sales Offices in Europe, North America & Latin America.

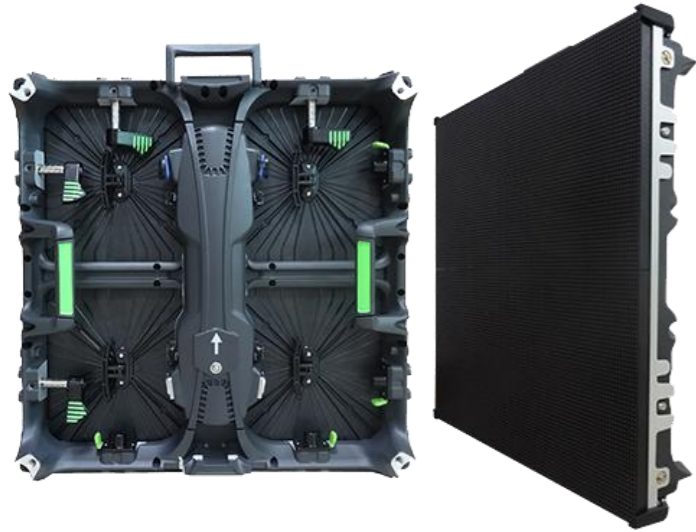
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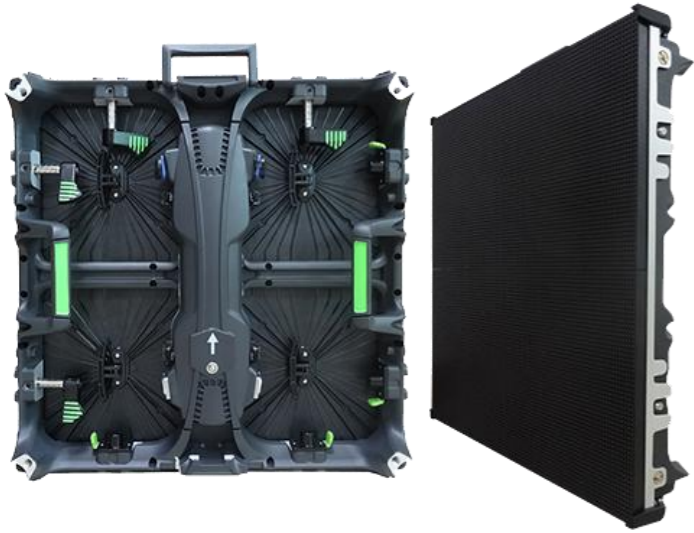
# Outdoor - Technical Parameters



Item	Parameter	
LED	SMD 1921(3 in 1)	SMD 1921(3 in 1)
Pitch	P3.91mm	P4.81mm
Scan	1/16	1/13
Pixel Density	65,536 dots/M2	43,264 dots/M2
LED Cabinet Size	500*500mm 500*1000mm	500*500mm 500*1000mm
LED Cabinet Resolution	128*128 PX 128*256PX	108*108PX 108*204PX
Brightness	3300 nits/M2	3300 nits/ M2
Angle of vision	H150°/ V140°	H150°/ V140°
Maintenance	Rear	
Power Con. Per Square Meter	800W/M2 (Max) 300W/M2 (Average)	
IP	IP65	
Weight per Cabinet	7.5KG / 13.6KG	
Refresh Rate	3840HZ	
Grey Scale	16 bit	
Lifetime	100,000 Hours	
Connectors	Direct	
Control system	NovaStar	

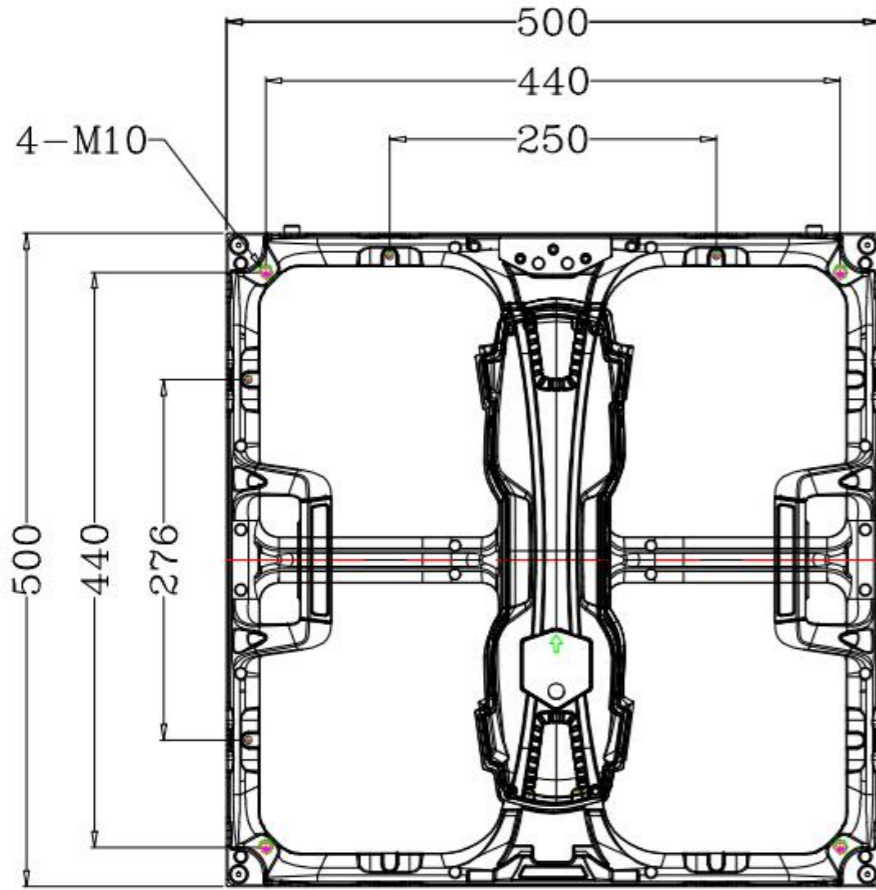


# Indoor Technical Parameters

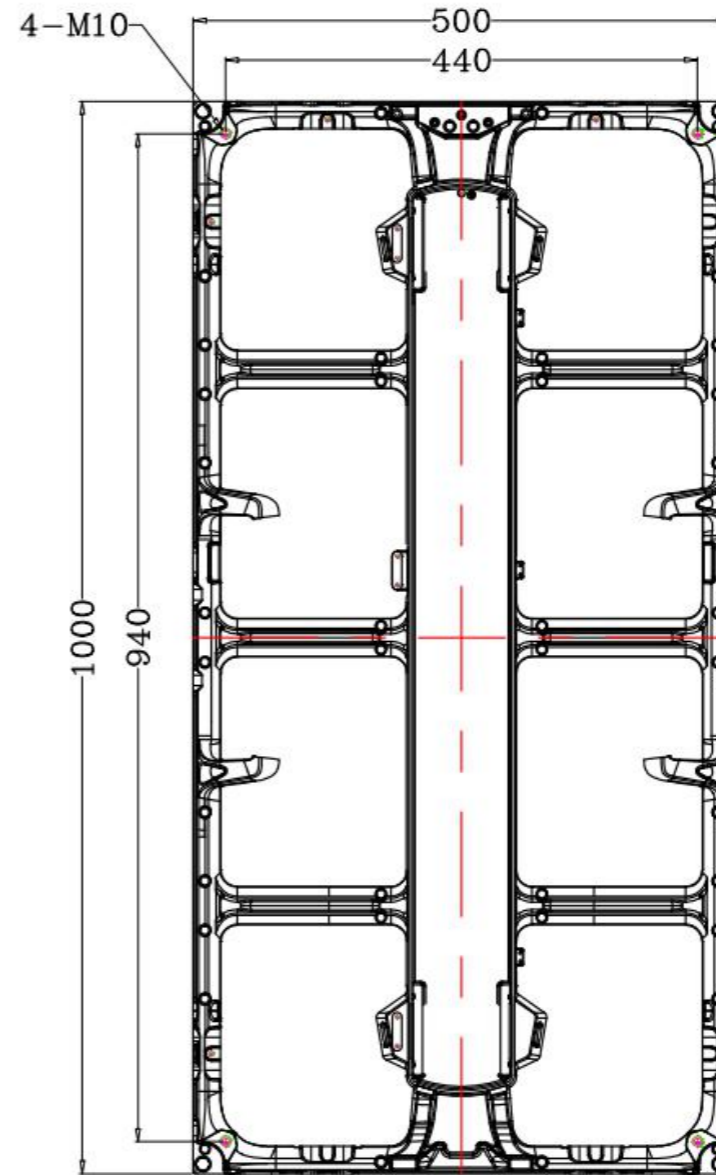
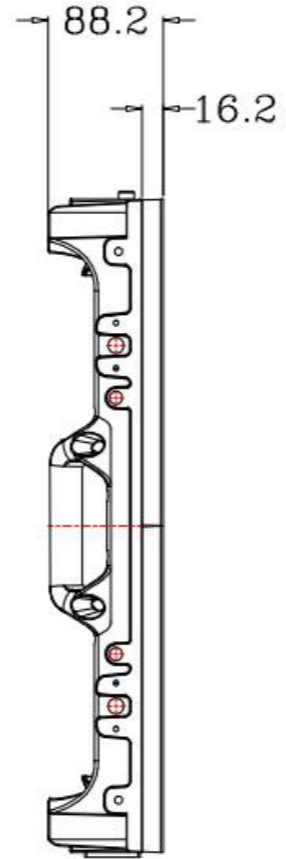


Item	Parameter		
LED	SMD (3 in 1)	SMD (3 in 1)	SMD (3 in 1)
Pitch	P2.6mm	<b>P3.91mm</b>	P2.97mm
LED Type	SMD1515	SMD2121	SMD1515
Scan Mode	1/32	1/16	1/28
Pixel Density	147,456 PX	65,536 PX	112,896 PX
Cabinet Dimensions	500*500mm	500*500mm/ 500*1000mm	500*500mm
Cabinet Resolution	192*192 PX	128*128PX/ 128*256 PX	168*168 PX
Cabinet Material	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum
IP Rating	IP45	IP45	IP45
Brightness	700-900 nits/M2	800-1000 nits/M2	700-900 nits/M2
Angle of vision	H150°/ V120°	H150°/ V120°	H150°/ V120°
Maintenance	Front or Rear		
Power Con. Per Cabinet	160 W (Max) 50 W (Average)	160 W / 320 W (Max) 50 W / 100W (Average)	160 W (Max) 50 W (Average)
IP	IP45		
Weight per Cabinet	8KG	8KG / 13.6KG	8KG
Refresh Rate	3840HZ		
Working Temperature	-40-+60°C		
Grey Scale	16 bit		
Lifetime	≥100,000 Hours		
Connectors	Direct		
Control system	NovaStar		

# Technical Parameter



500\*500mm



500\*1000mm



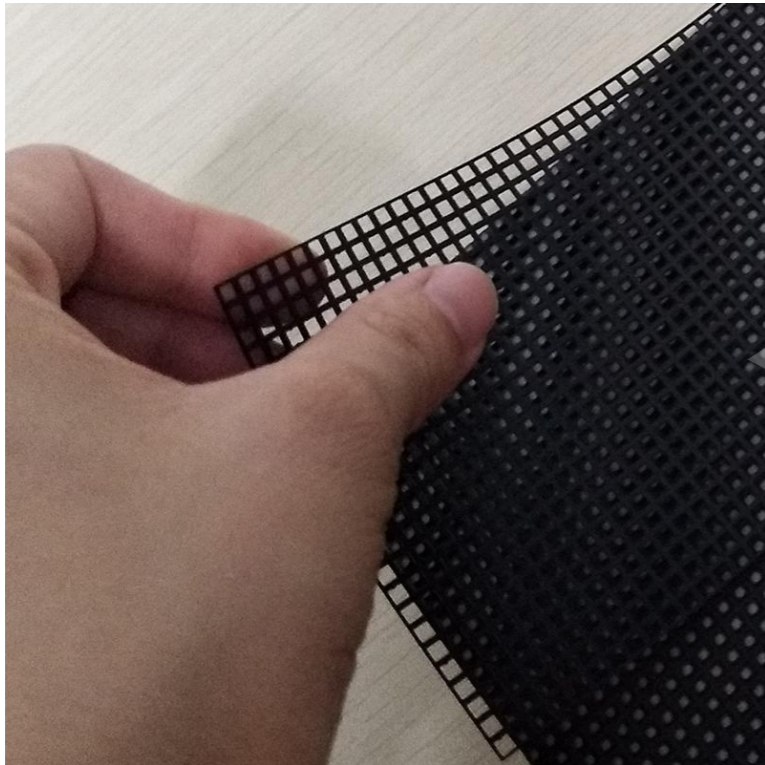
# Classic Design



High strength corner protectors, protecting LEDs from collision during transportation & installation. Reducing maintenance cost.

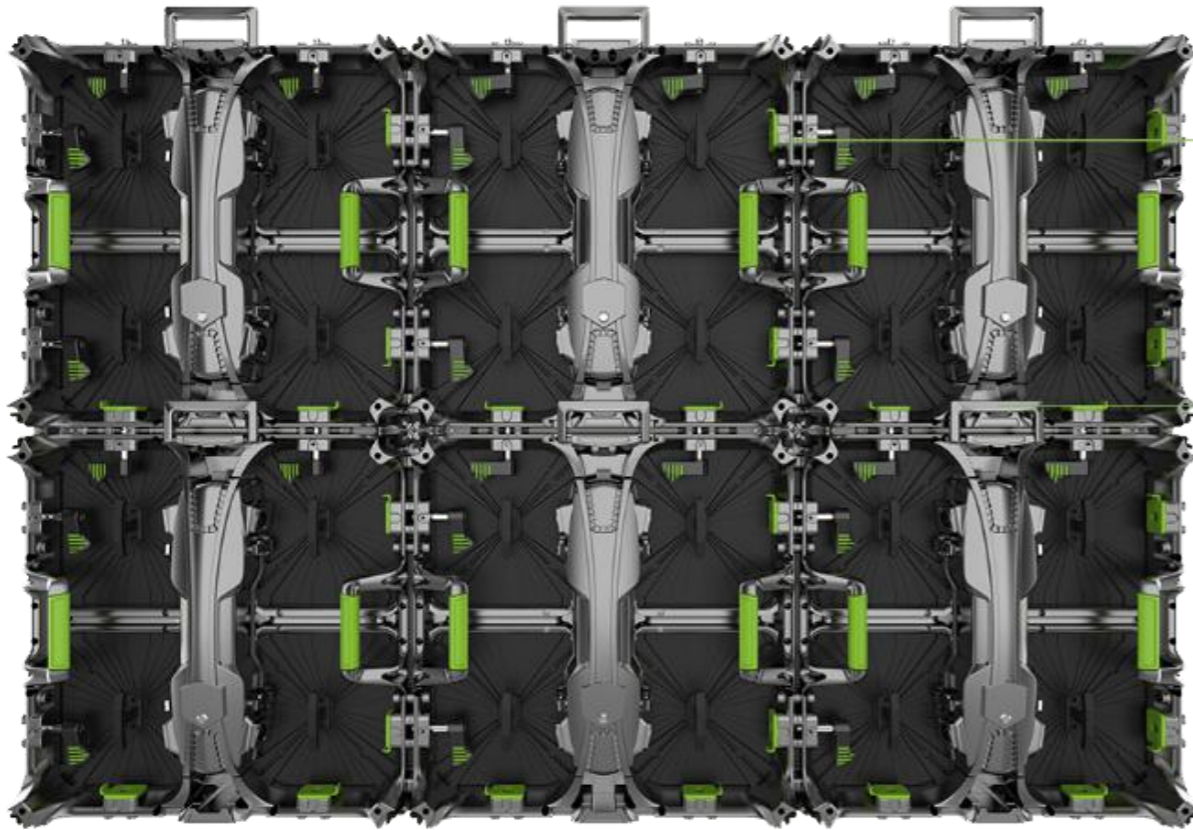


## Soft LED Mask



Our P2.6 & P2.97 and P3.91 LED panels have soft led mask to protect it from dust. Therefore prolongs led panels lifespan.

# One-Person Installation & Disassembly



High Precision Fast Locks to Ensure The LED Panels' Flatness & More Safety

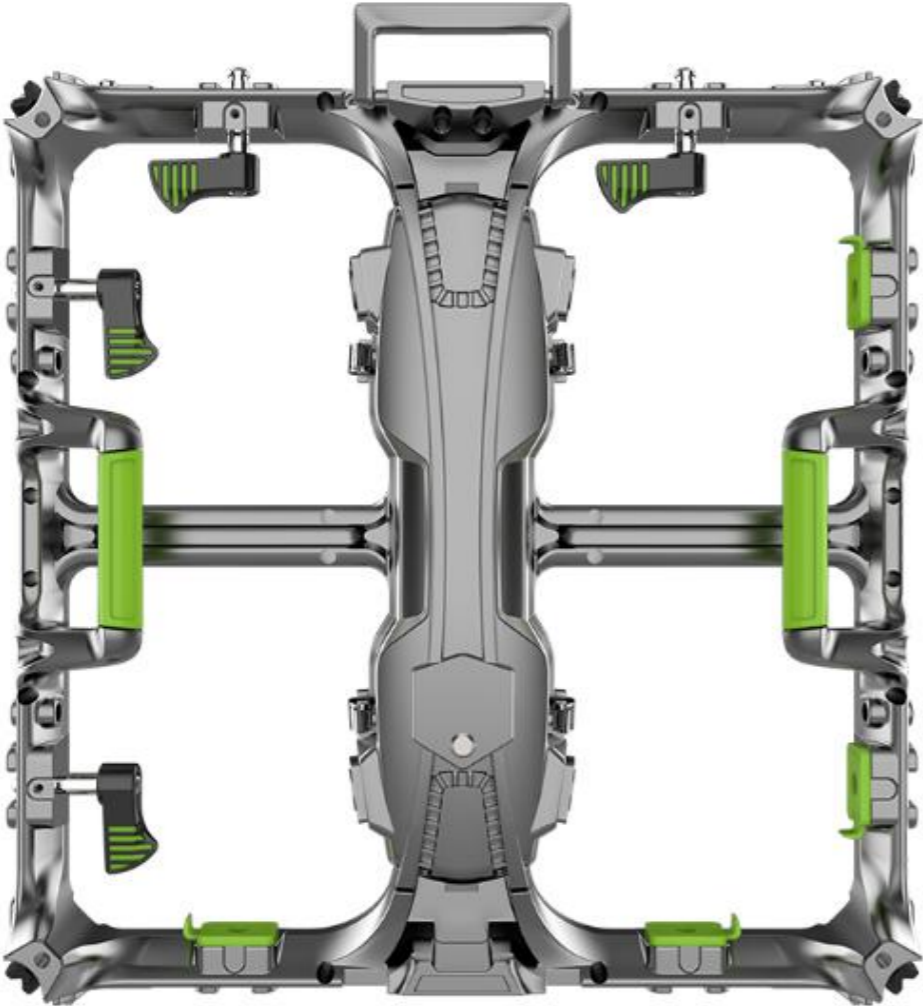


Smart & Multi-Function Design Handles, With Self-Locking Function. Achieving One-Person Installation & Disassembly. Saving Labor Cost.



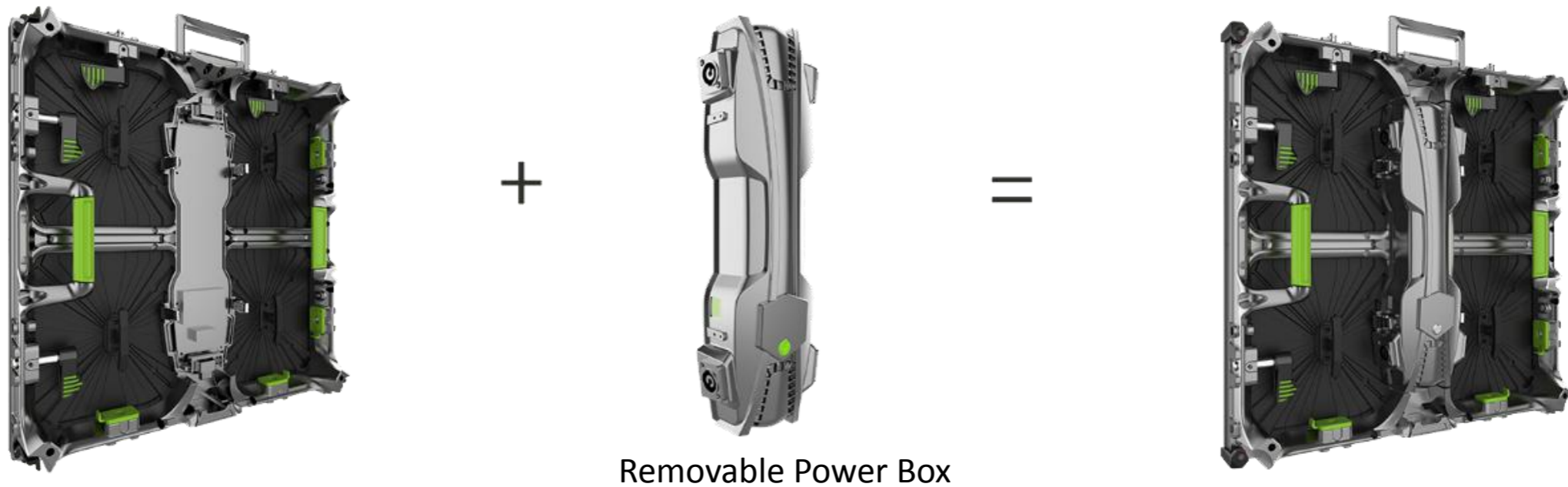
# Cabinet Special Design

High Precision, High Strength & No - Deformable Cabinet.



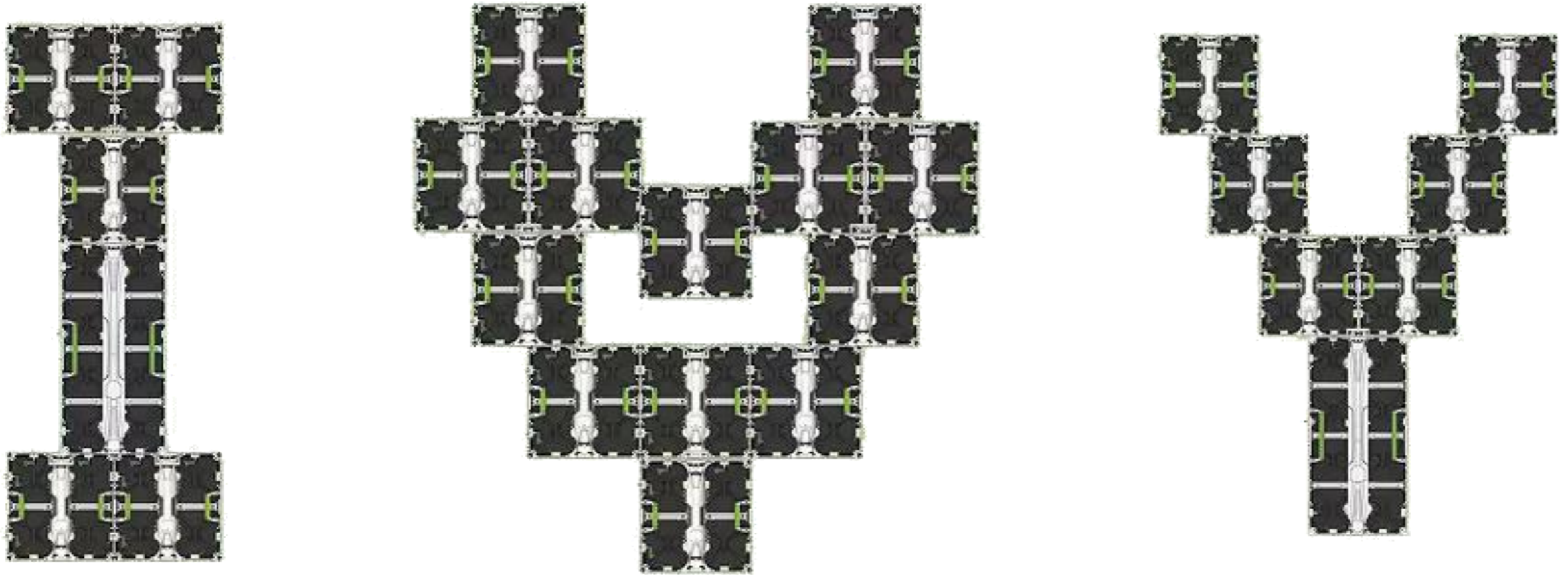


# Pluggable Power Box



- ✓ Modular Design- Power Box, Receiving Card & Hub Card Integrated Enable Fast & Easy Replacement.
- ✓ In case of power supply & receiver failure, the whole power box can be replaced very quickly, ensures smooth event

# Mixed Splicing



500\*500mm and 500\*1000mm led panels can be easily spliced up and down , easy for different needs of assembly



# Ultra Light & Thin



# Some References





# Installation Method



Stacking Installation



Hanging Installation

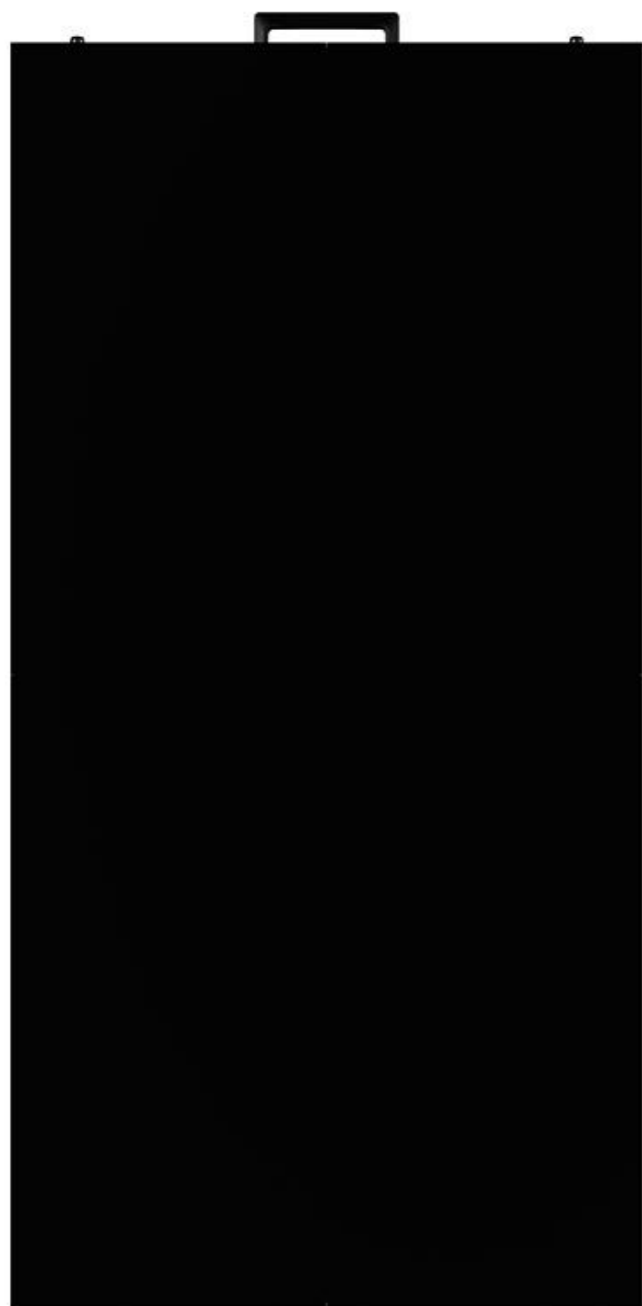




# Technical Advantages

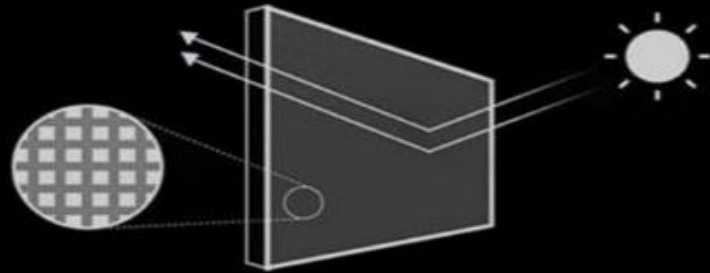


# Black LEDs



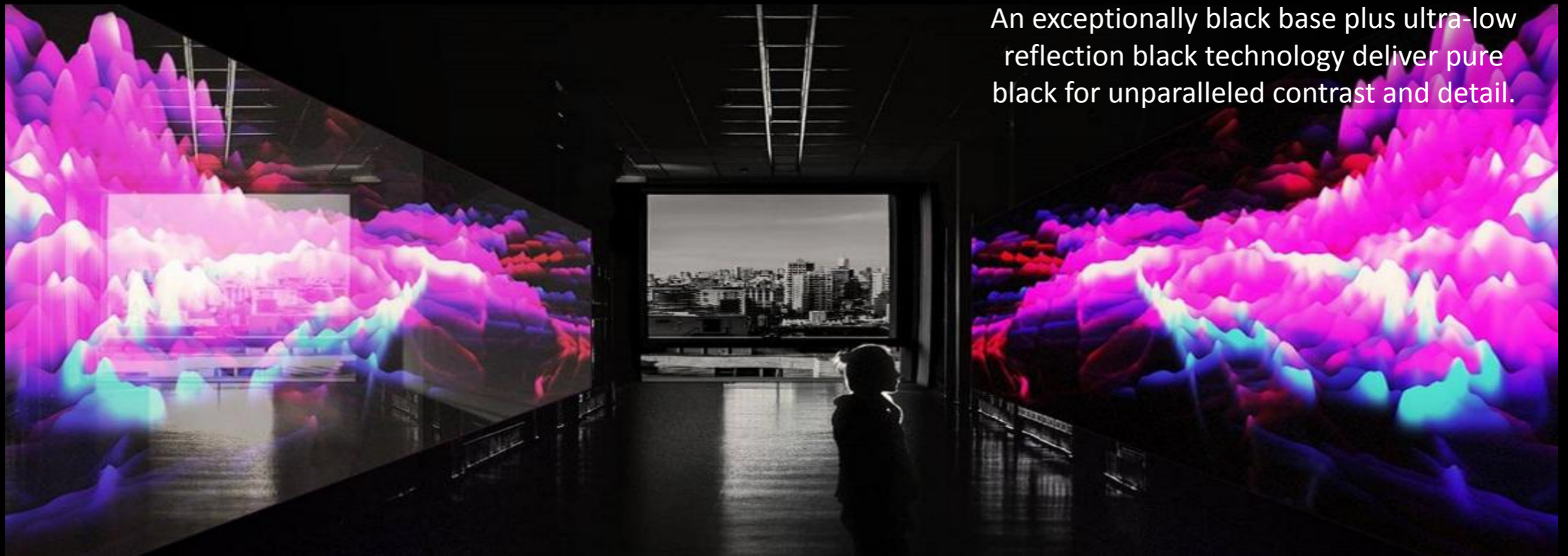
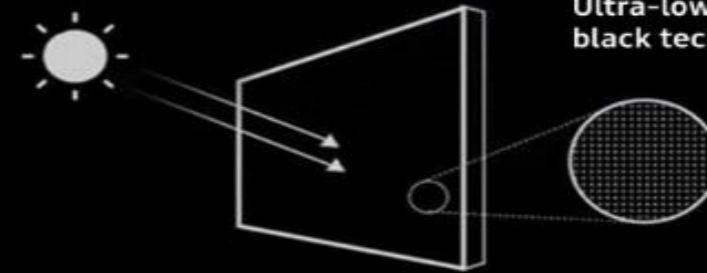
# Black LED VS Conventional LED

Conventional LED



The Wall

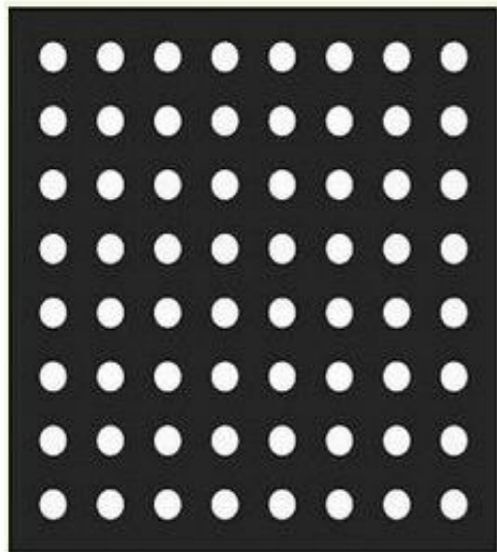
Ultra-low reflection  
black technology



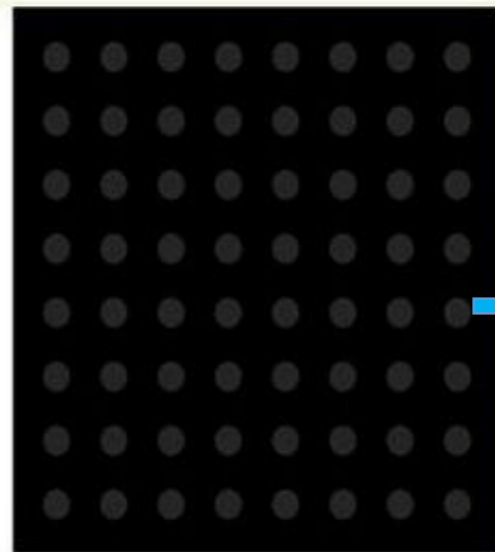


# Black LEDs Advantages

- ✓ High contrast ratio, extreme vivid colors and blacks.
- ✓ Non-reflective, display colors are more realistic.
- ✓ Soft light and protects viewer's eyes.
- ✓ Improving image quality, the images are more clear.
- ✓ Low power consumption and energy saving.
- ✓ Perfect and stable display performance.



White LEDs



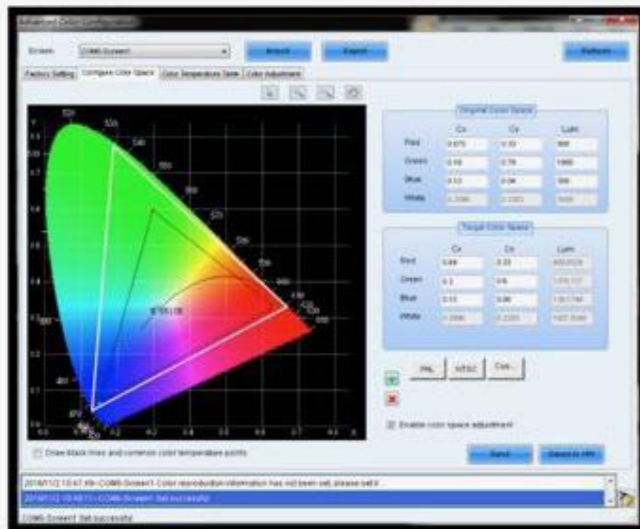
Black LEDs



Low Contrast Ratio

High Contrast Ratio

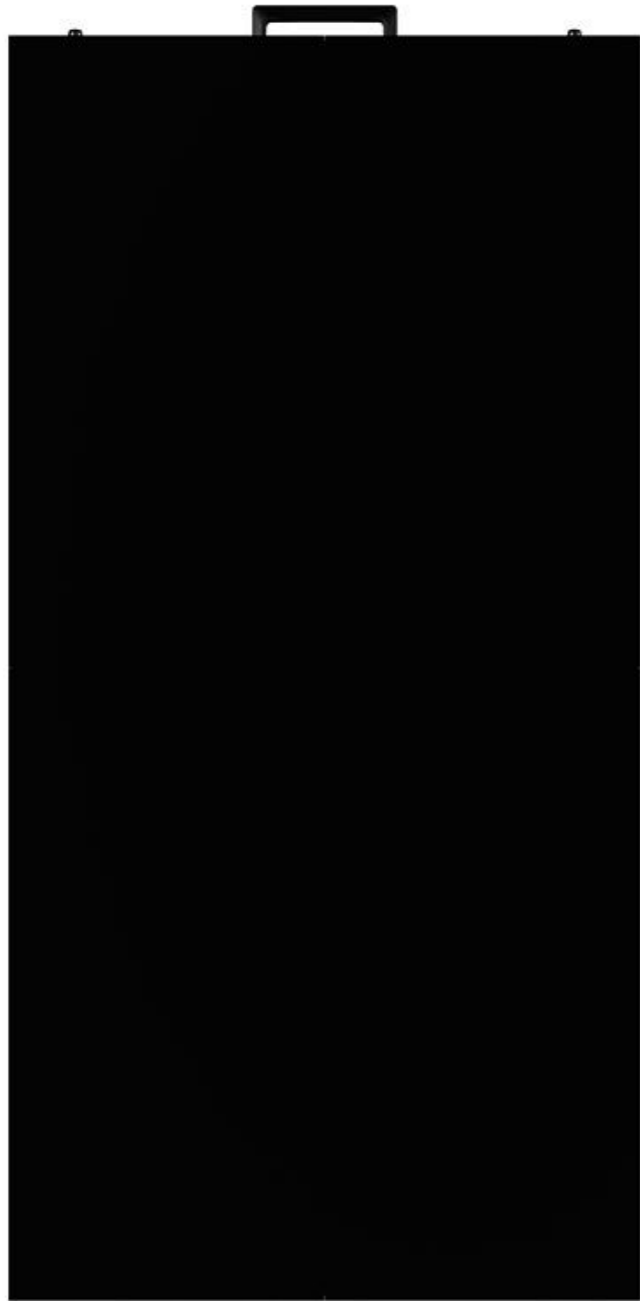
# Color Quality



- ✓ Ensures up to 99% uniformity of brightness.
- ✓ Up to 687 million colors.
- ✓ Low light operation without loss of color.
- ✓ Brightness level from 1 to 100%.
- ✓ Gamma curve ( color range).

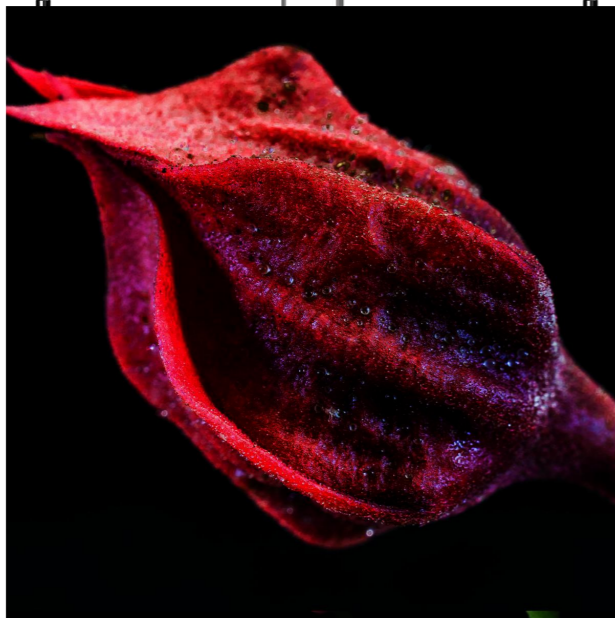


# Black LEDs



# Pictures More Clear & Bright

Others



VS

MDS



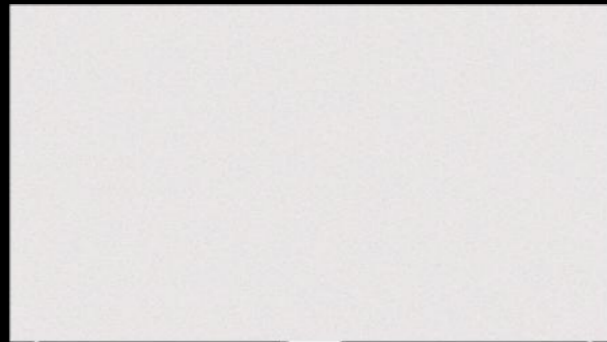
Vivid image quality processing 16 bit



# 3840HZ Refresh Rate

VS

MDS



Other brands



High Refresh Rate, 3840HZ Flicker Free

Low Refresh Rate. Flickering images

# Free Of Trails

MDS

VS

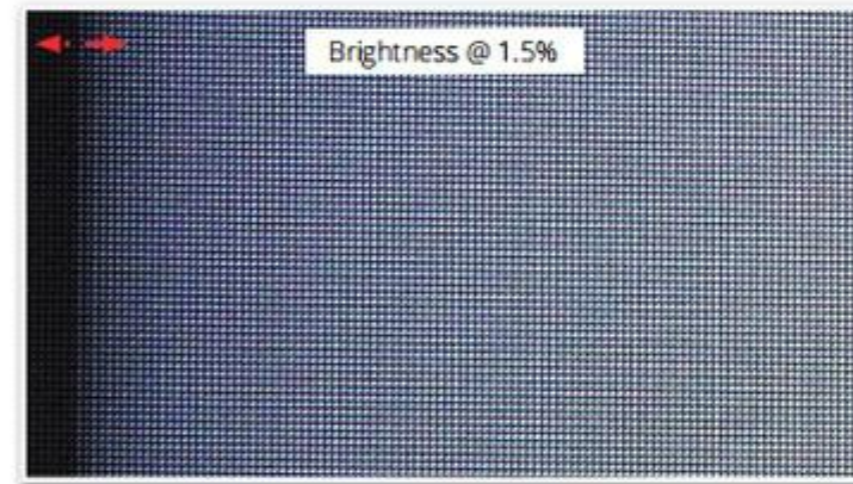
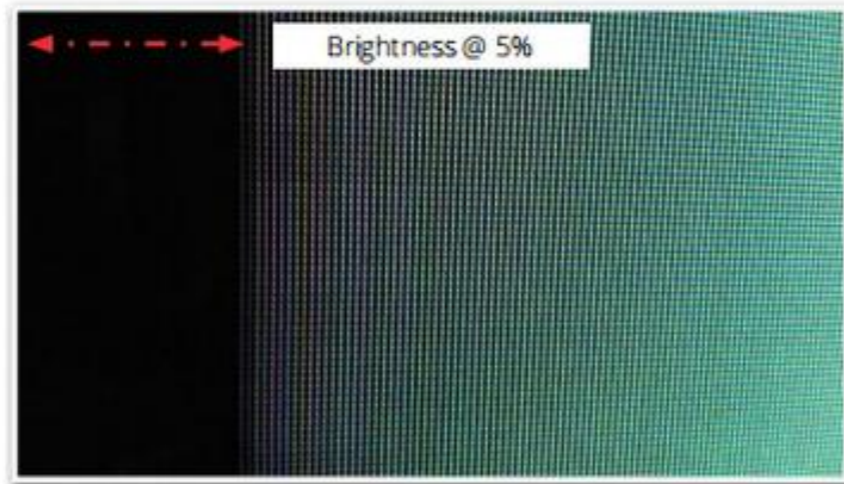
Others



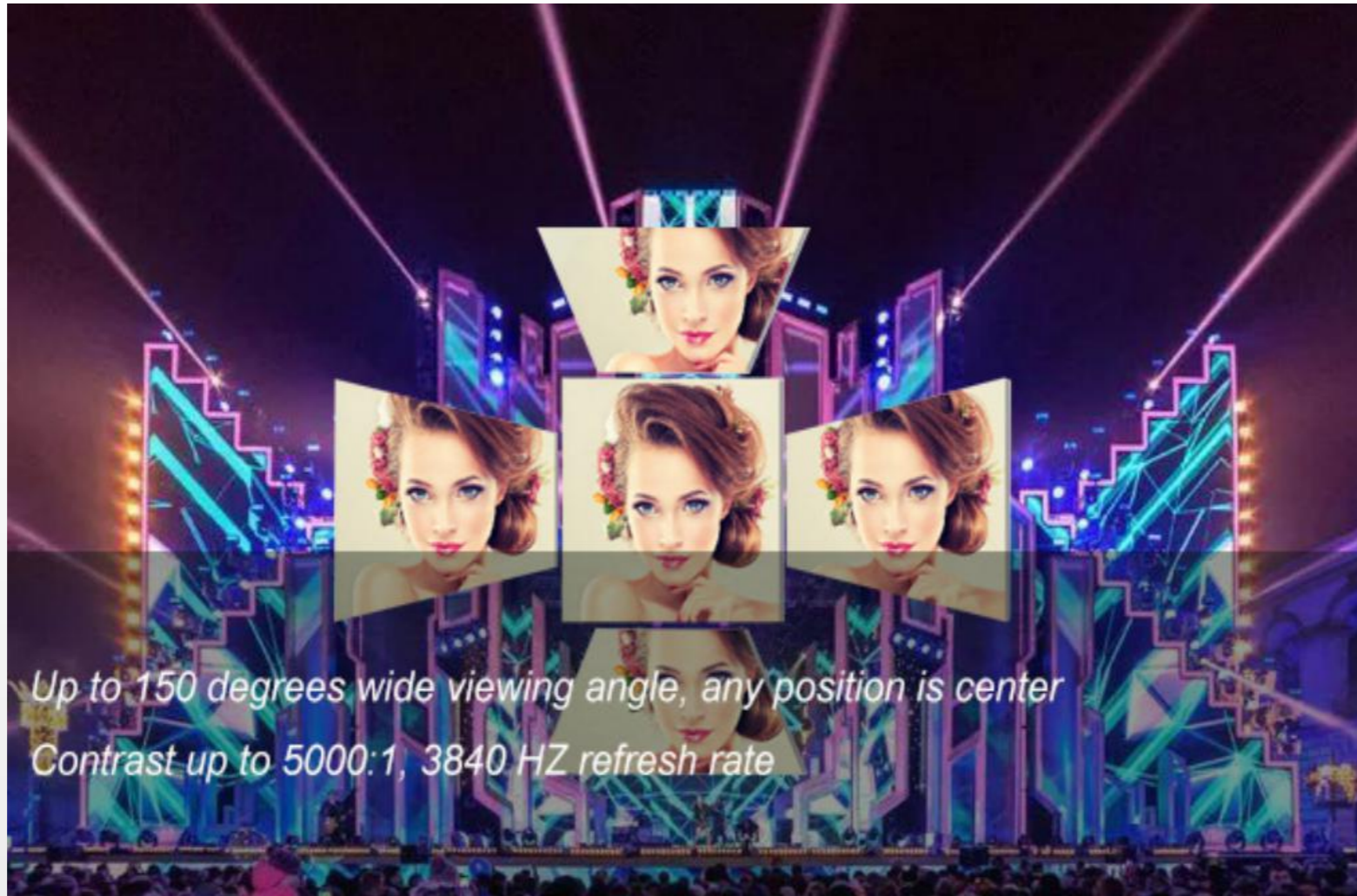


# Grey Level

Our hardware is capable of reproducing colors and gray levels very precisely, even when the display is at an very low brightness setting, for example during the night. It guarantees the best image quality anytime.



# View from virtually any angle



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