

MDSdisplays.com



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Sales Offices in Europe, North America & Latin America.

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www.MDSdisplays.com

**All included - indoor Turn Key
LED Display Solutions**

Technical Parameters

Model	Screen Resolution	Screen Dimension	Pixel Pitch
M-01	1280*720	2.56*1.44M 8.40*4.72feet	2.0mm
M-02	1280*720	2.416*1.36M 7.93*4.46feet	1.8875mm
M-03	1920*1080	3*1.6875M 9.84*5.54feet	1.56mm
M-04	1920*1080	3.624*2.04M 11.89*6.69feet	1.8875mm
M-05	3840*2160	4.8*2.7M 15.75*8.86feet	1.25mm

All models come with mounting brackets, data & power cables, spare parts and recommended Player or Video Processor

For custom requirements, like size or resolution and more, we are happy to provide customized solutions.

Technical Parameters (1280*720P) M01 & M02



Item	Parameter	
LED	GOB (3 in 1)	GOB(3 in 1)
Pitch	P2.0mm	P1.8875mm
Cabinet Material	Die Casting Aluminum	Die Casting Aluminum
Screen Dimensions	2.56(W)*1.44(H)M 8.40(W)*4.72(H)feet	2.416*1.36M 7.93*4.46feet
Screen Resolution	1280(W)*720(H) PX	1280(W)*720(H) PX
Brightness	≥900 nits/M2	≥900 nits/M2
Angle of vision	H140°/ V120°	H140°/ V120°
Maintenance	Front or Rear	Front or Rear
IP Rating	IP45	IP45
Refresh Rate	3840HZ	3840HZ
Grey Scale	16 bit	16 bit
Lifetime	100,000 Hours	100,000 Hours
Connectors	Direct	Direct
Control System	NovaStar	NovaStar

Technical Parameters (1920*1080P) M03 & M04



Item	Parameter	
LED	SMD (3 in 1)	GOB(3 in 1)
Pitch	P1.56mm	P1.8875mm
Cabinet Material	Die Casting Aluminum	Die Casting Aluminum
Screen Dimensions	3*1.6875M 9.84*5.54feet	3.624*2.04M 11.89*6.69feet
Screen Resolution	1920(W)*1080(H) PX	1920(W)*1080(H) PX
Brightness	≥800 nits/M2	≥900 nits/M2
Angle of vision	H140°/ V120°	H140°/ V120°
Maintenance	Front or Rear	Front or Rear
IP Rating	IP45	IP45
Refresh Rate	3840HZ	3840HZ
Grey Scale	16 bit	16 bit
Lifetime	100,000 Hours	100,000 Hours
Connectors	Direct	Direct
Control System	NovaStar	NovaStar

Technical Parameters (3840*2160P) M05



Item	Parameter
LED	COB (3 in 1)
Pitch	P1.25mm
Cabinet Material	Die Casting Aluminum
Screen Dimensions	4.8*2.7M 15.75*8.86feet
Screen Resolution	3840(W)*2160(H) PX
Brightness	≥800 nits/M2
Angle of vision	H140°/ V120°
Maintenance	Front or Rear
IP Rating	IP45
Refresh Rate	3840HZ
Grey Scale	16 bit
Lifetime	100,000 Hours
Connectors	Direct
Control System	NovaStar

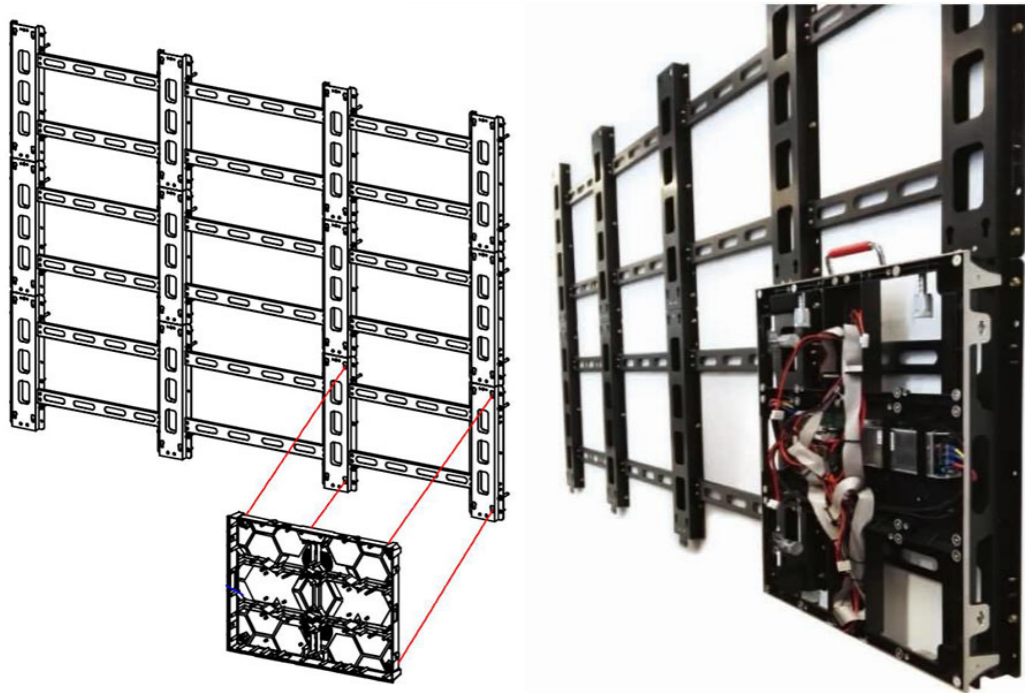
Installation



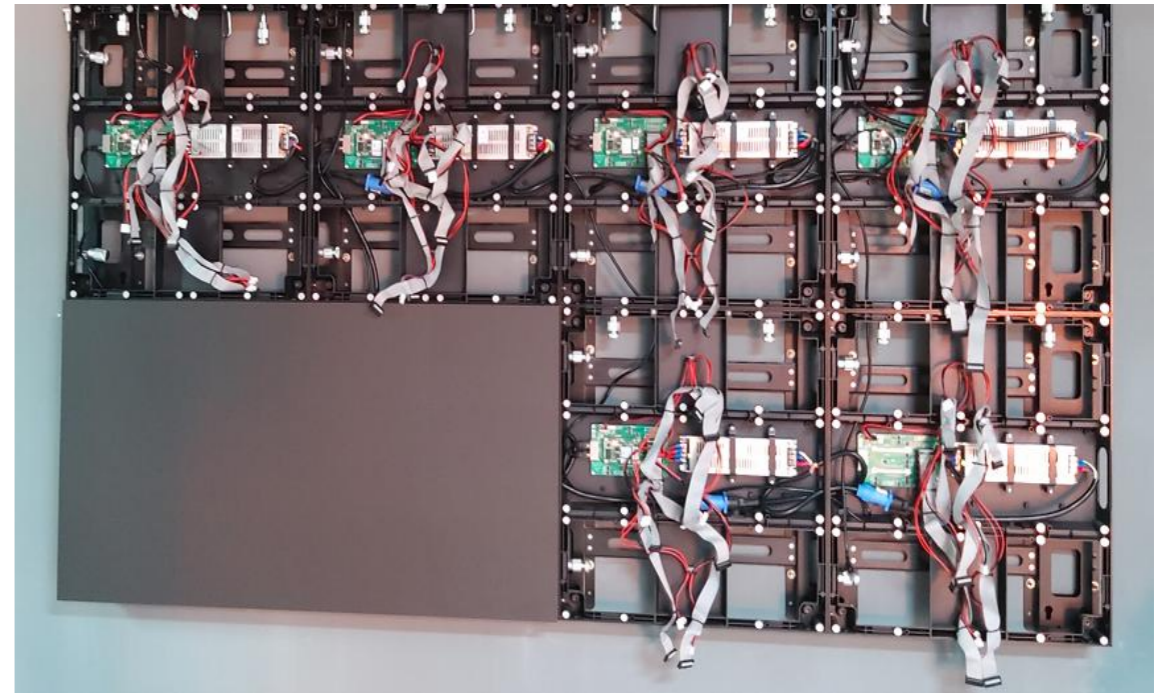
Step 1. Assemble the brackets.



Step 2. Fixed the brackets on the wall.



Step 3. Fixed the LED cabinets on the brackets.



Step 4. Attached LED Modules on the LED brackets.

Totally Front Service



Intelligent Magnet LED Module



Front maintenance, saving space and maintenance cost.

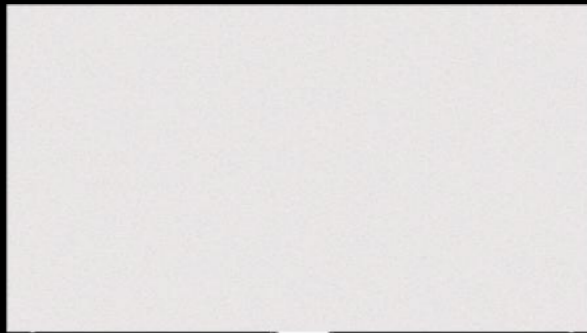


Technical Advantages

3840HZ Refresh Rate

VS

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High Refresh Rate, 3840HZ
Free Flicker In Camera.

Others



Low Refresh Rate.
Flicker In Camera.

Free Of Trails

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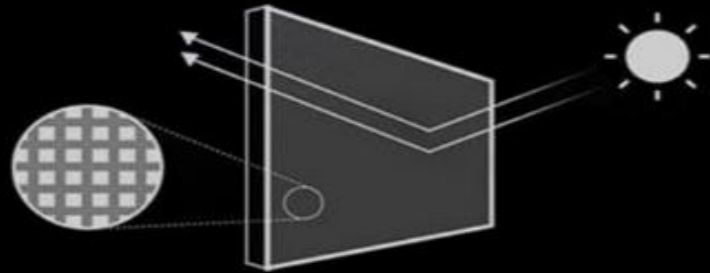
VS

Others



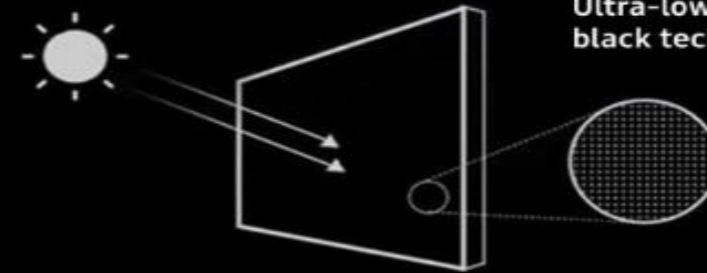
Black LED VS Conventional LED

Conventional LED



The Wall

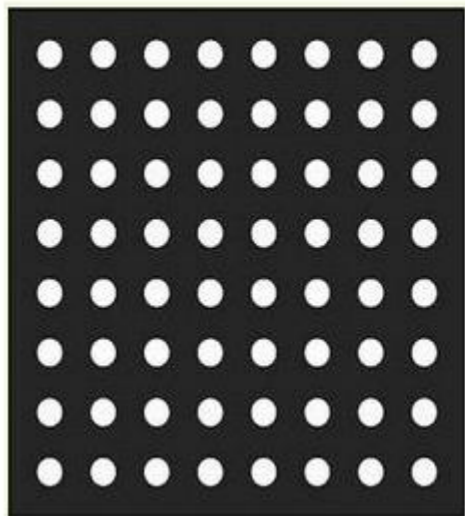
Ultra-low reflection
black technology



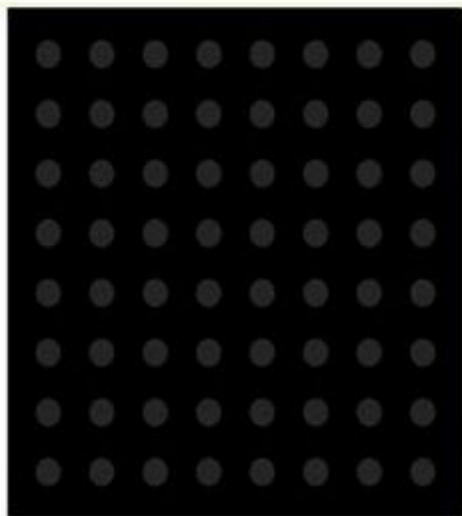
An exceptionally black base plus ultra-low reflection black technology deliver pure black for unparalleled contrast and detail.

Black LEDs Features

- ✓ High contrast ratio, more colorful display.
- ✓ Non- reflective, display colors are more realistic.
- ✓ **Soft light and protect viewers' eyes.**
- ✓ Improving image quality, the images are more clear.
- ✓ Low power consumption and save energy.
- ✓ Perfectly and stably display.



White LEDs



Black LEDs

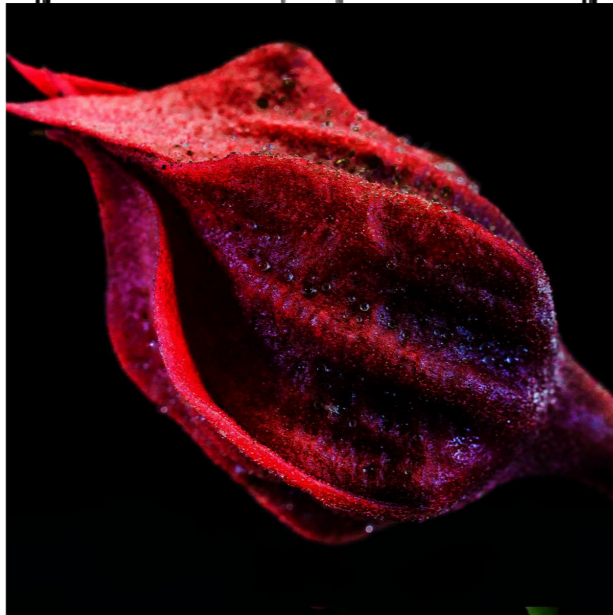


Low Contrast Ratio

High Contrast Ratio

Pictures More Clear & Bright

Others



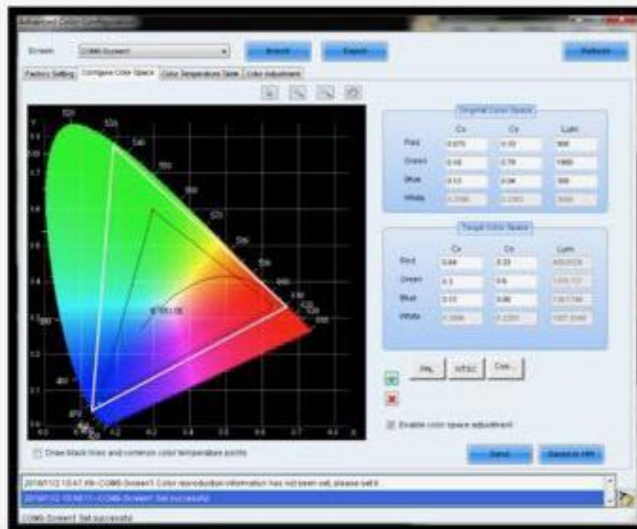
VS

MDS



Vivid image quality processing 16 bit

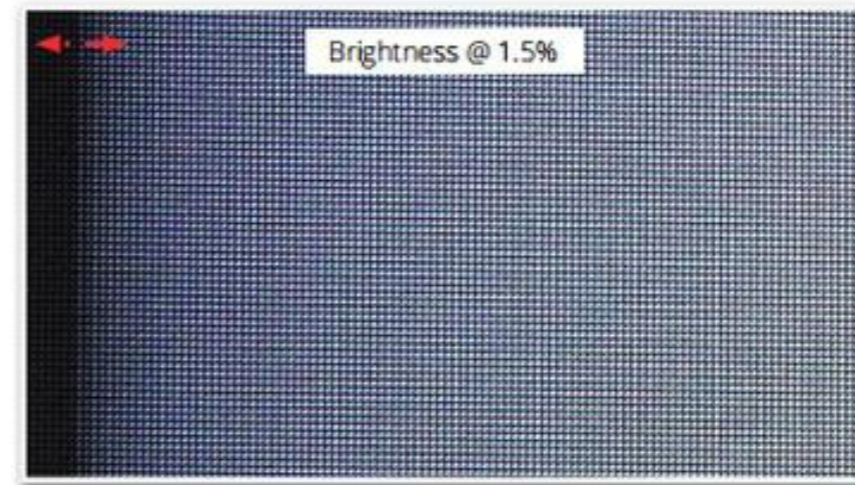
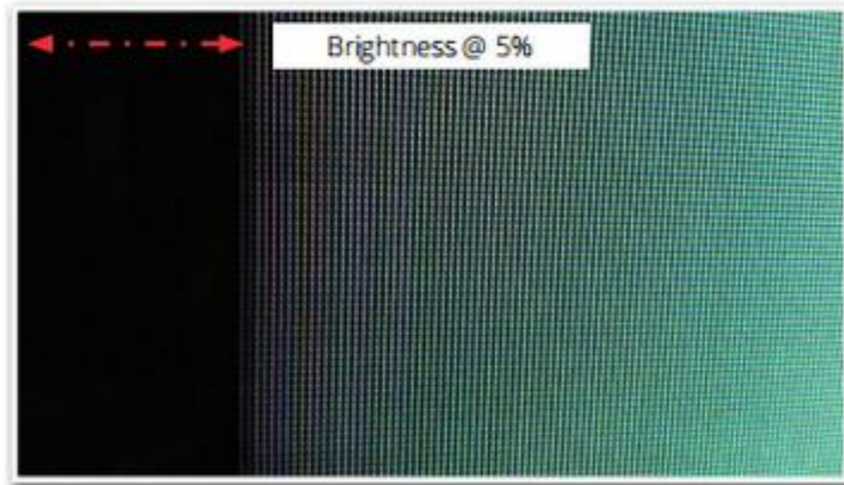
Color Quality



- ✓ 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).

Grey Level

Our hardware is capable of reproducing colors and grey levels very precisely, even when the display is using a very low brightness setting, for example during the night. This guarantees the best image quality any time.



COB Feature



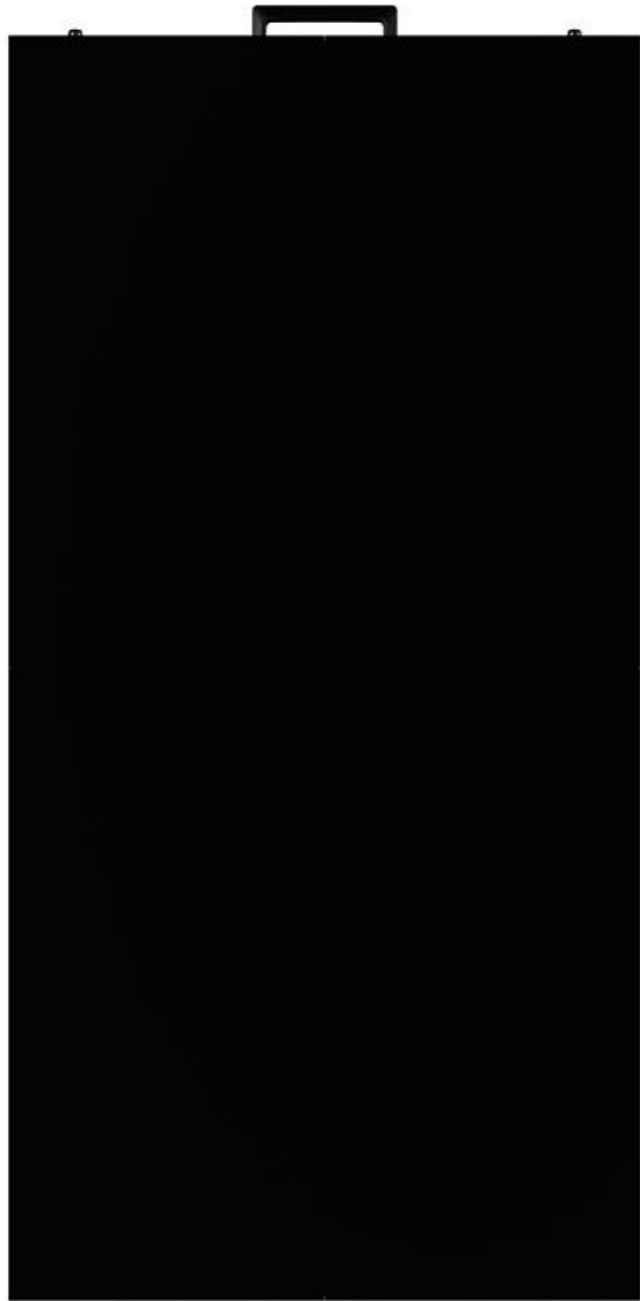
Surface is Waterproof(IP65)
Easy to clean it with water

Easy To Clean

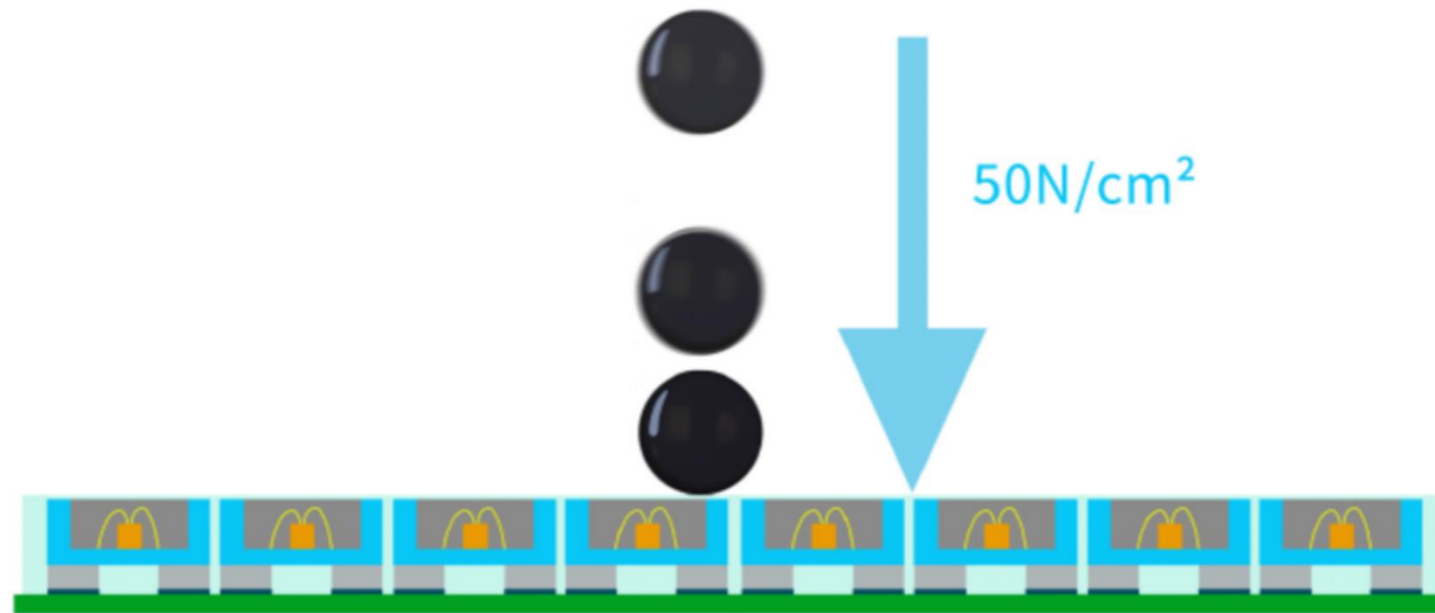


**Flat surface, easy to clean dust and
prolong LEDs lifespan. Saving
maintenance cost in the future.**

Black LEDs



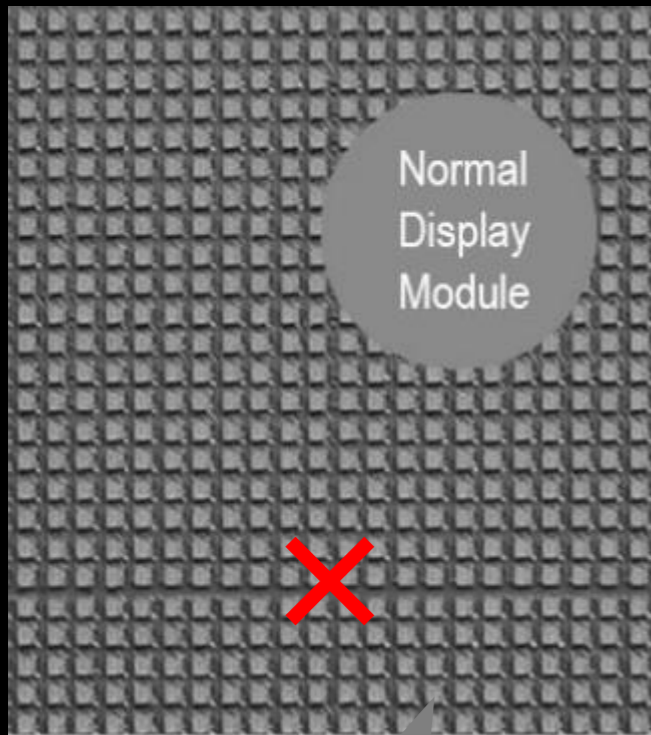
COB Feature



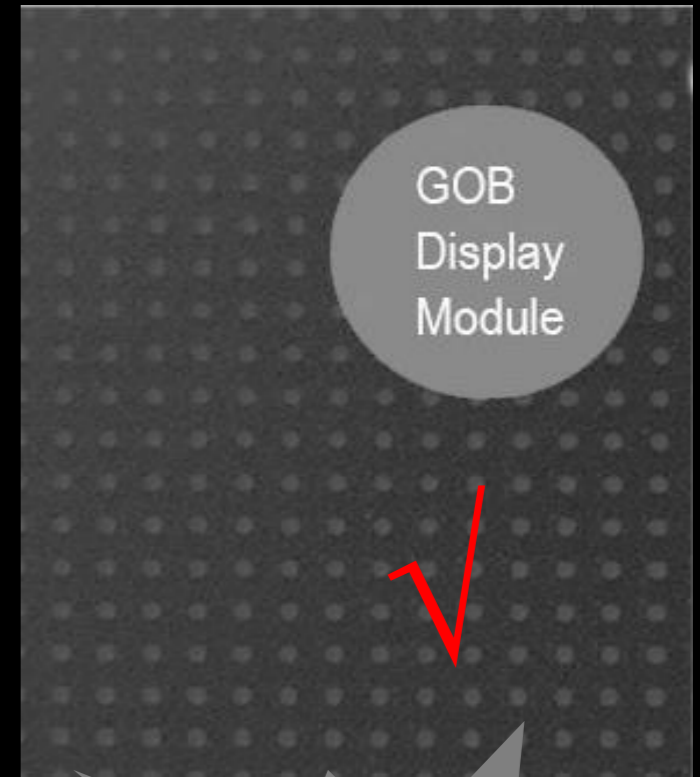
Impact resistance up to $50\text{N} / \text{CM}^2$

GOB Feature

VS



No protection



High protection to prolong led screen lifespan.

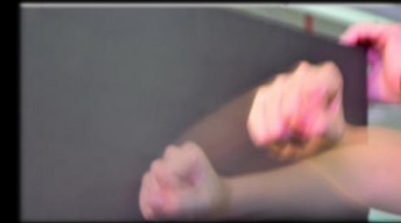
GOB Features



waterproof



Dust-proof



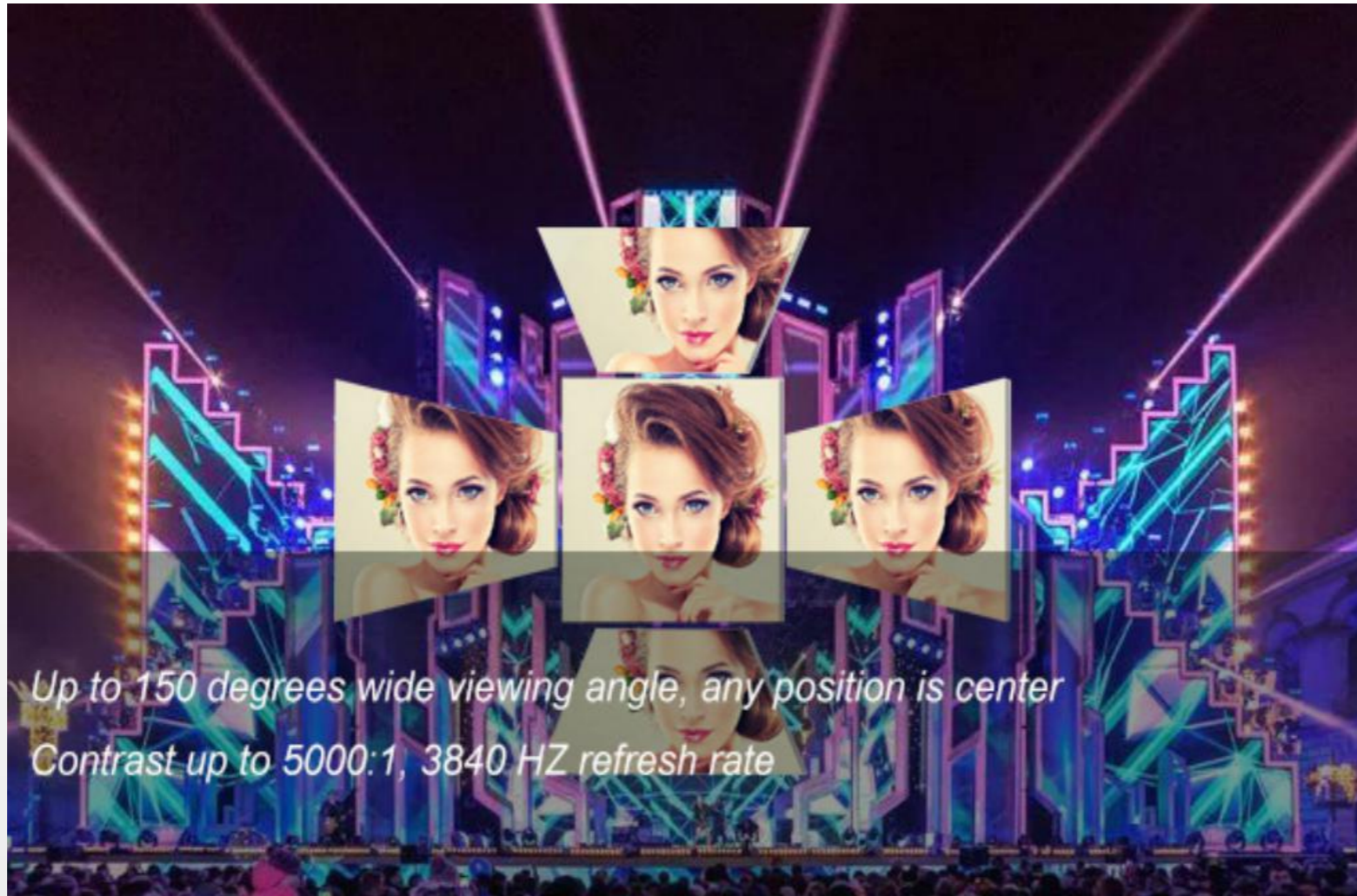
Anti-collision



Some References



View from virtually any angle



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