

TRANSPARENT LED DISPLAY SCREEN

Cabinet size is customized according to application ,match with the building glass perfectly



CHARACTERS



3840Hz



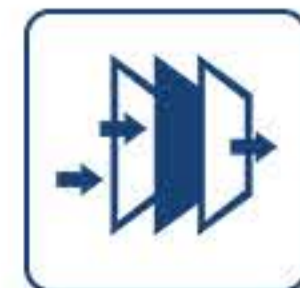
Borderless



6kg/pc



Die cast aluminum



High transparency



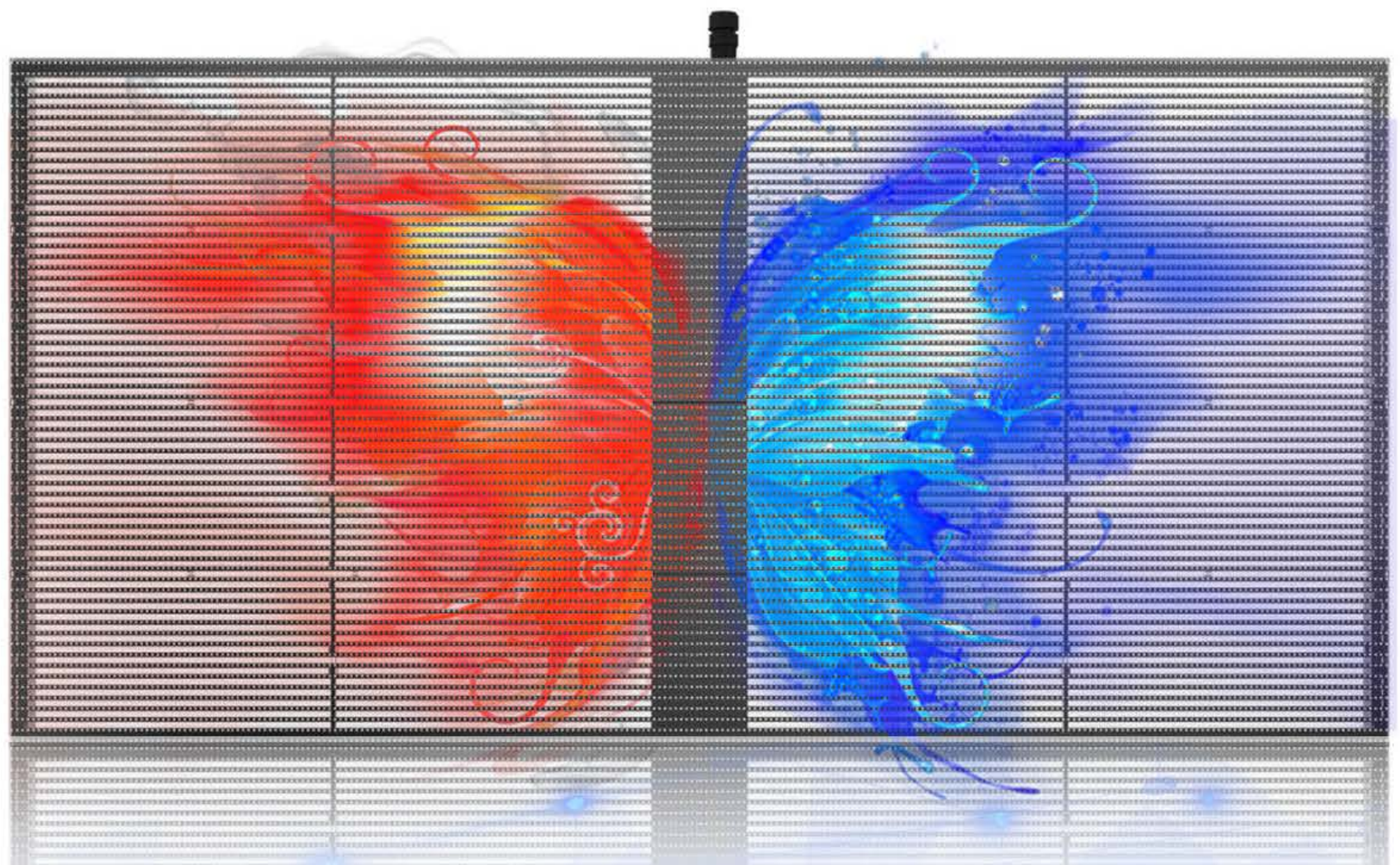
Low power consumption



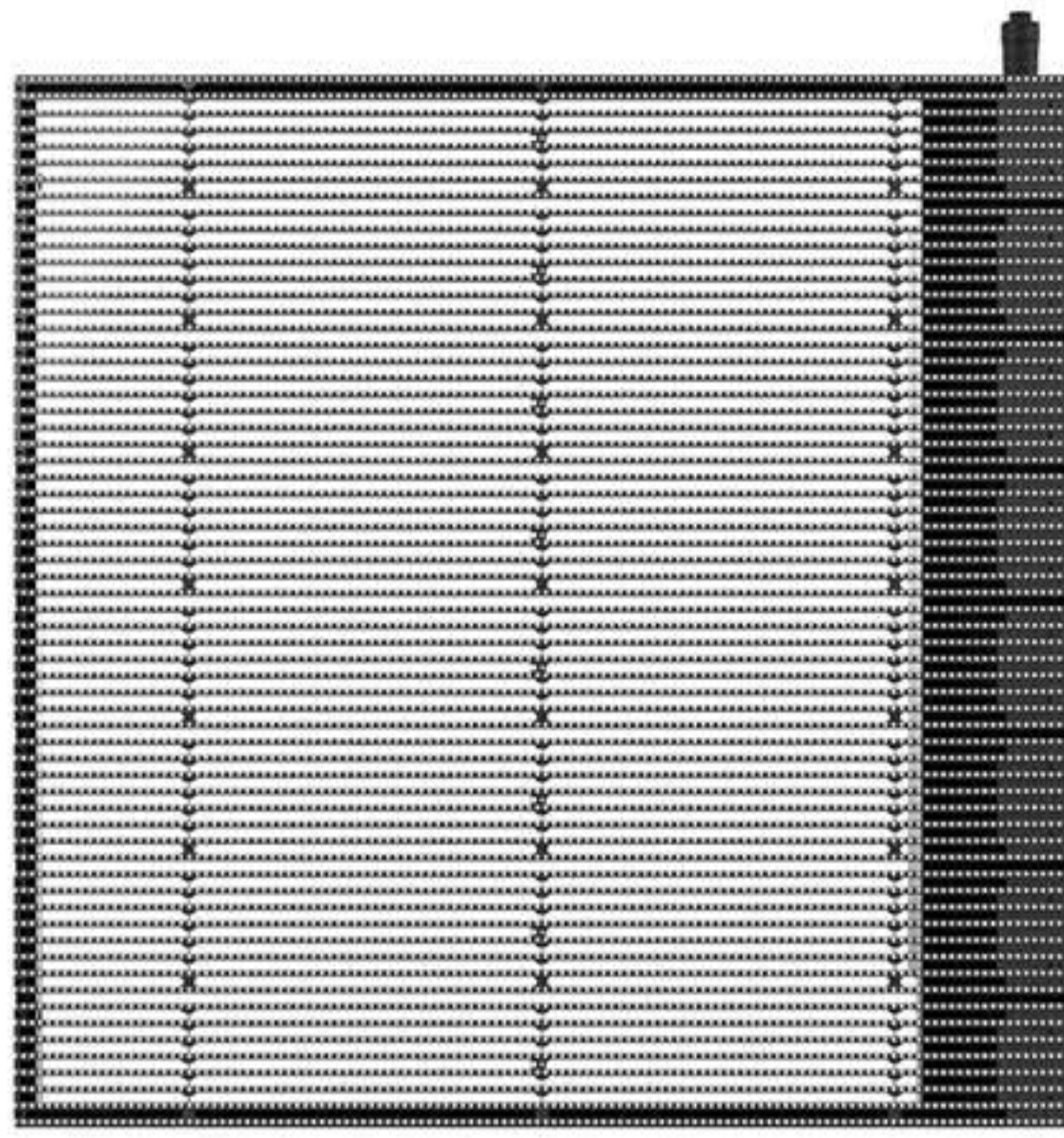
4500CD/m²



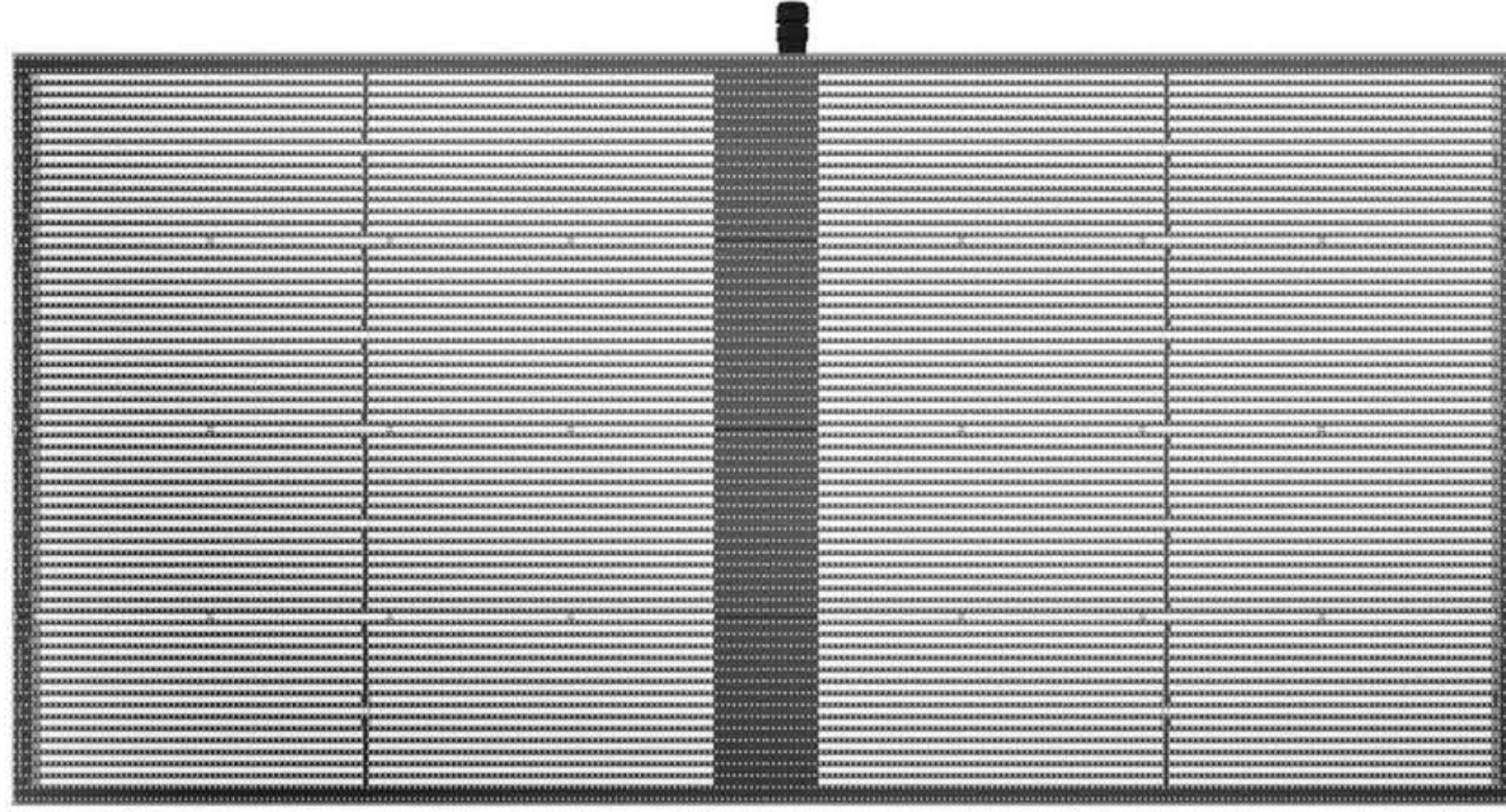
Front rear maintenance



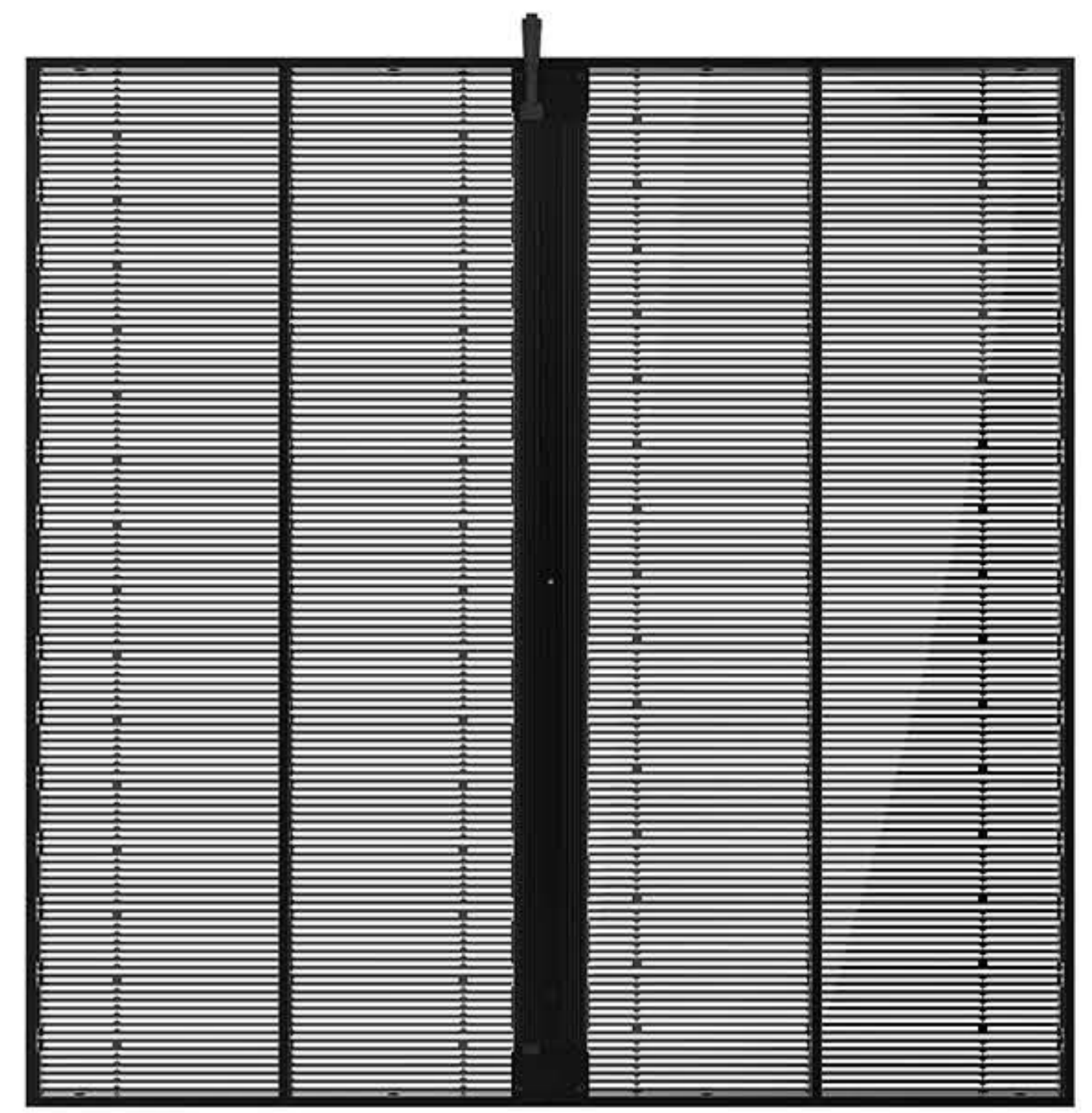
DDW-LEDTI



500*500*70mm



1000*500*70mm

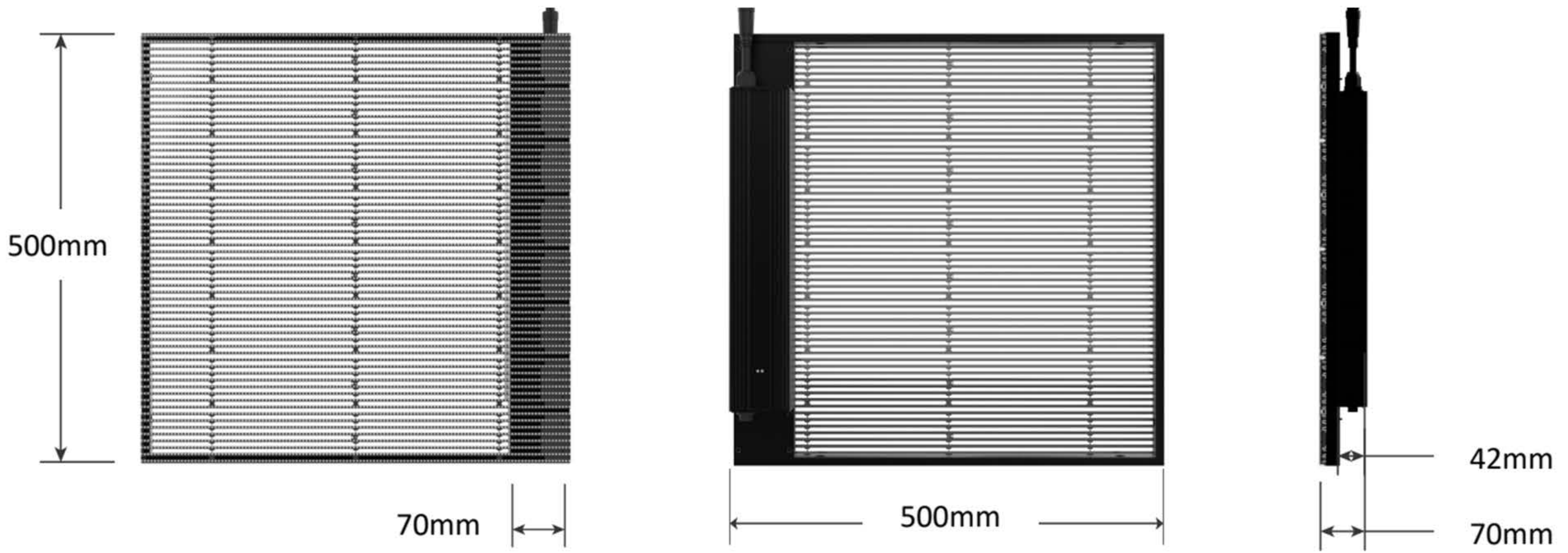


1000*1000*70mm

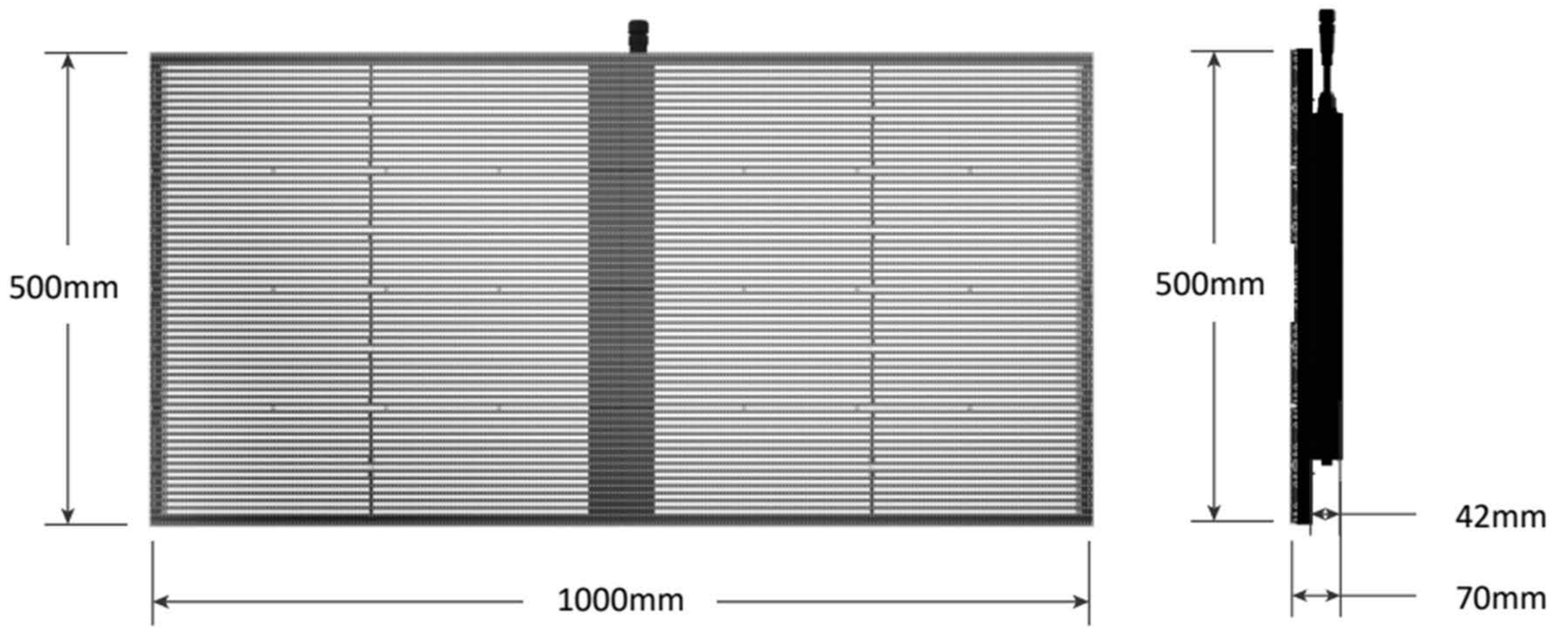
SPECIFICATIONS

Pixel Pitch	P2.84	P3.91	P7.81	P10.42	P15.625	P20
Pixel Density(m²)	56320	32768	16384	9216	4096	2304
Permeability	0.56	0.7	0.56	0.65	0.75	0.85
Refresh Rate(Hz)	≥3851	≥3840	≥1920	≥1920	≥1920	≥1920
Cabinet Size(mm)	1000*500	1000*500	1000*500	1000*500	1000*500	1000*500
Cabinet Refresh Rate	352*80	256*64	128*64	96*48	64*32	48*24
LED Light	1415 RGB	1921 RGB	1921 RGB	1921 RGB	3535 RGB	3535 RGB
Brightness(nits)/ m²	≥3500	≥4500	≥4000	≥4000	≥4000	≥4000
Max Consumption(W/M)	800	800	800	800	800	800
Ave Consumption(W/M)	240	240	240	200	180	150
Grey Scale(Bit)	27	16	16	16	16	16
Degree protection	IP41	IP30	IP30	IP30	IP30	IP30
Weight PC/KG	5	5	6	6	6	6
Work Environment	- 10°C~51°C	- 10°C~40°C	- 10°C~40°C	- 10°C~40°C	- 10°C~40°C	- 10°C~40°C
Display Interface	DIV/HDMI	DIV/HDMI	DIV/HDMI	DIV/HDMI	DIV/HDMI	DIV/HDMI
Installation Mode	Fixed installation	Fixed installation	Fixed installation	Fixed installation	Fixed installation	Fixed installation
LED Life(h)	210000	100000	100000	100000	100000	100000

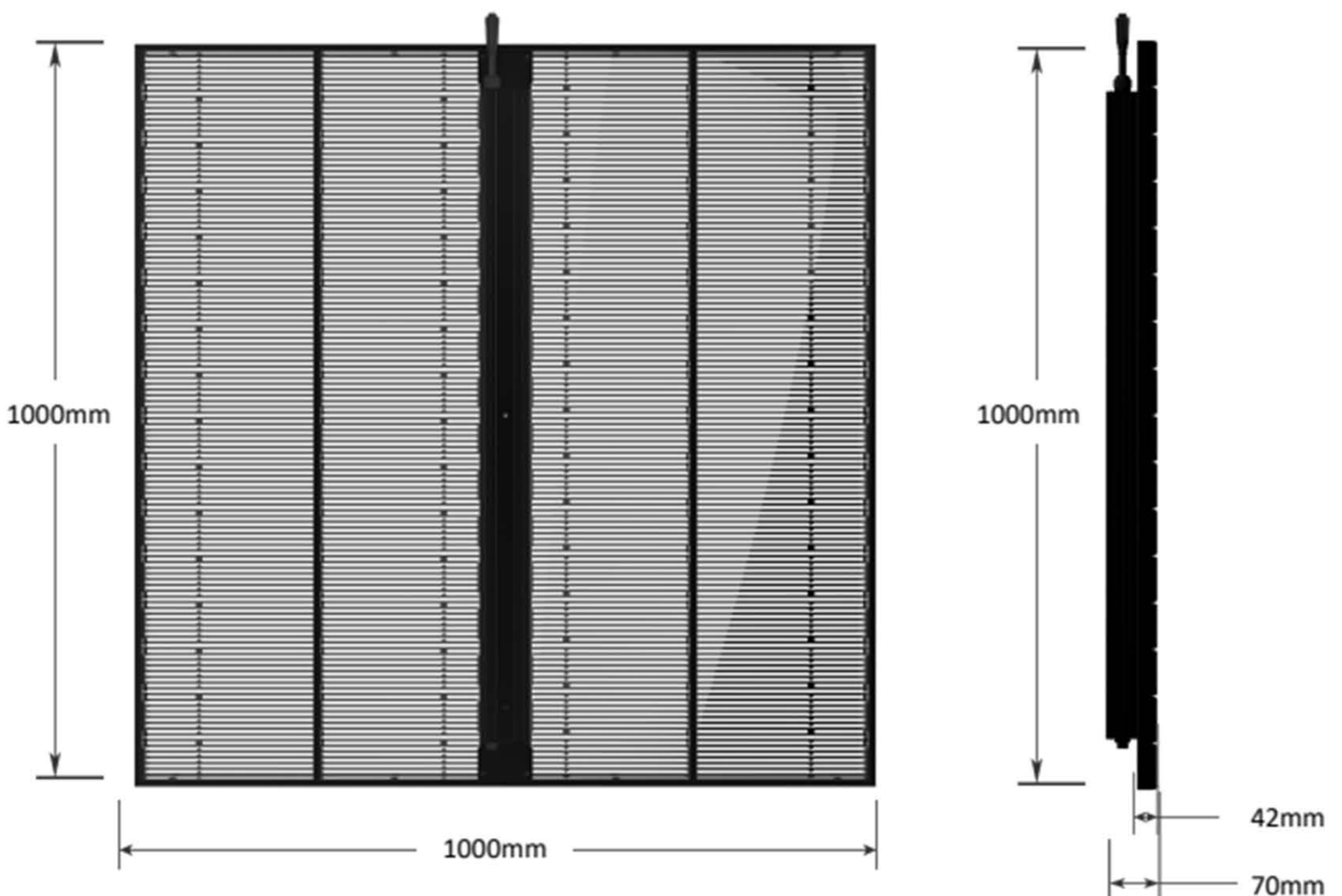
500*500*70mm



1000*500*70mm



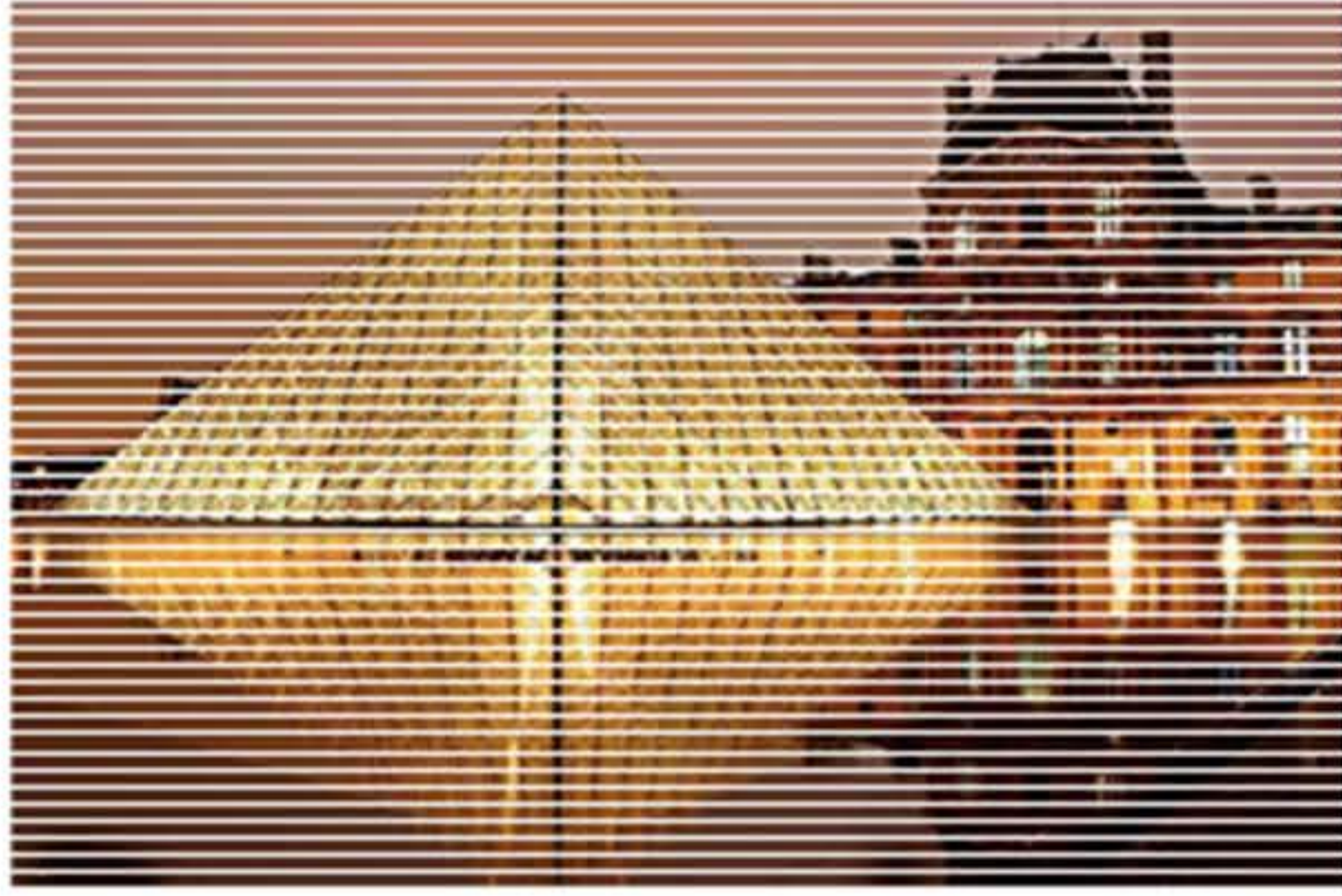
1000*1000*70mm



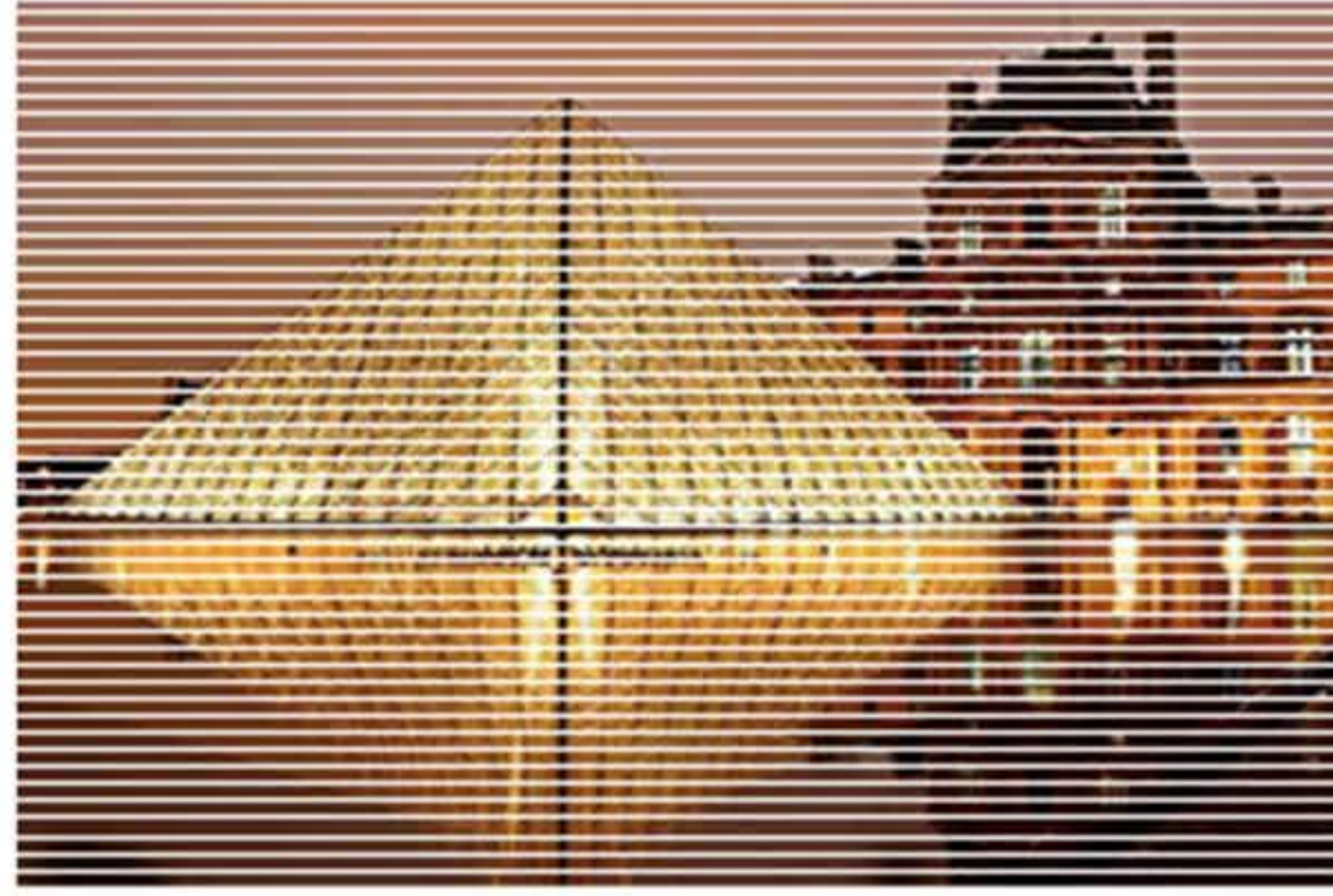
ADVANTAGES

LED Transparent Screen Imaging

Brain automatically stitches the photos to make them transparent.



Left eye imaging



Right eye imaging



Brain presentation

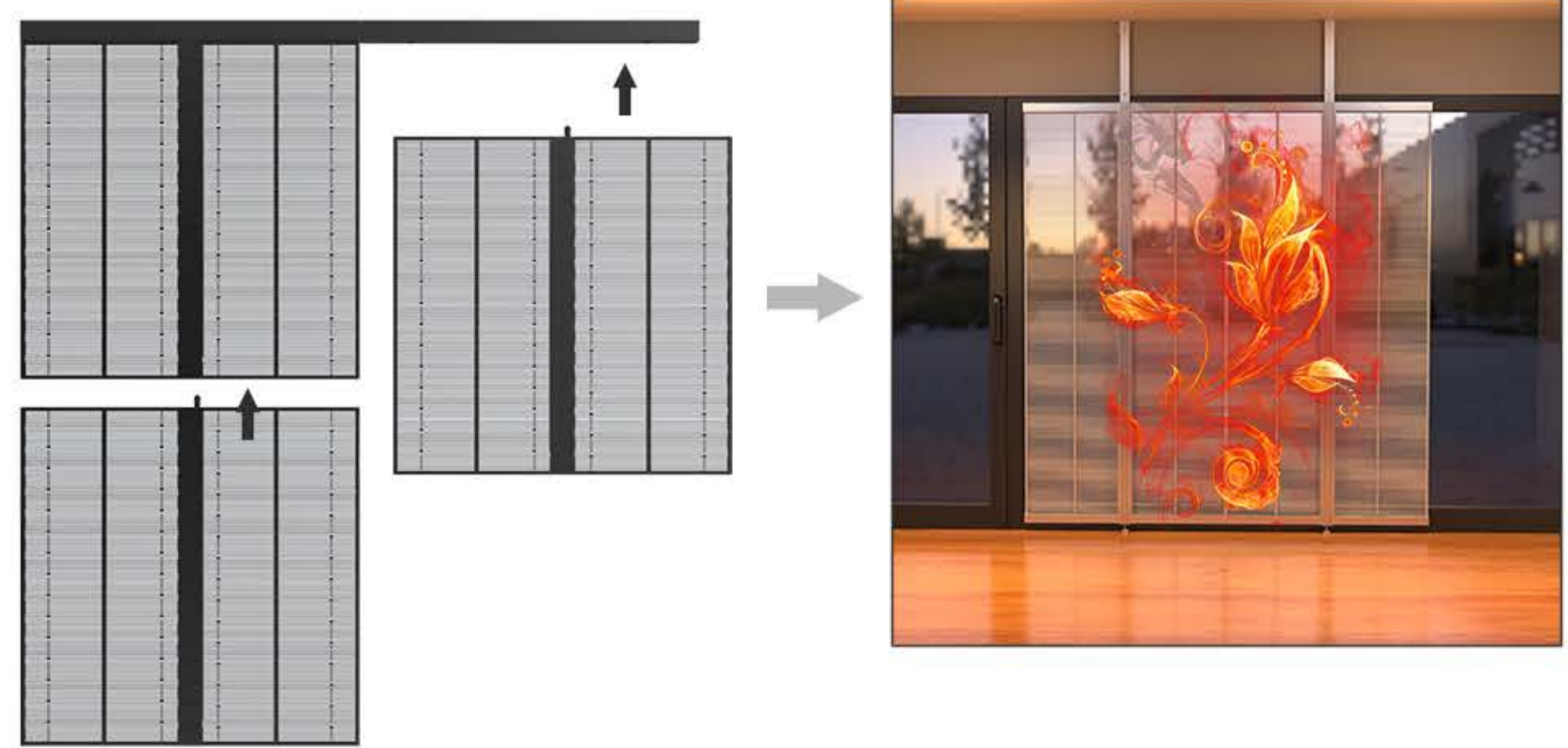
High Transparency

High Transparency Transparency >65%



Installation and Maintenance

Installed in the glass curtain wall, the construction is simple, safe and easy to maintain



Low Power Consumption

Ultra low power consumption, 50% lower than traditional display



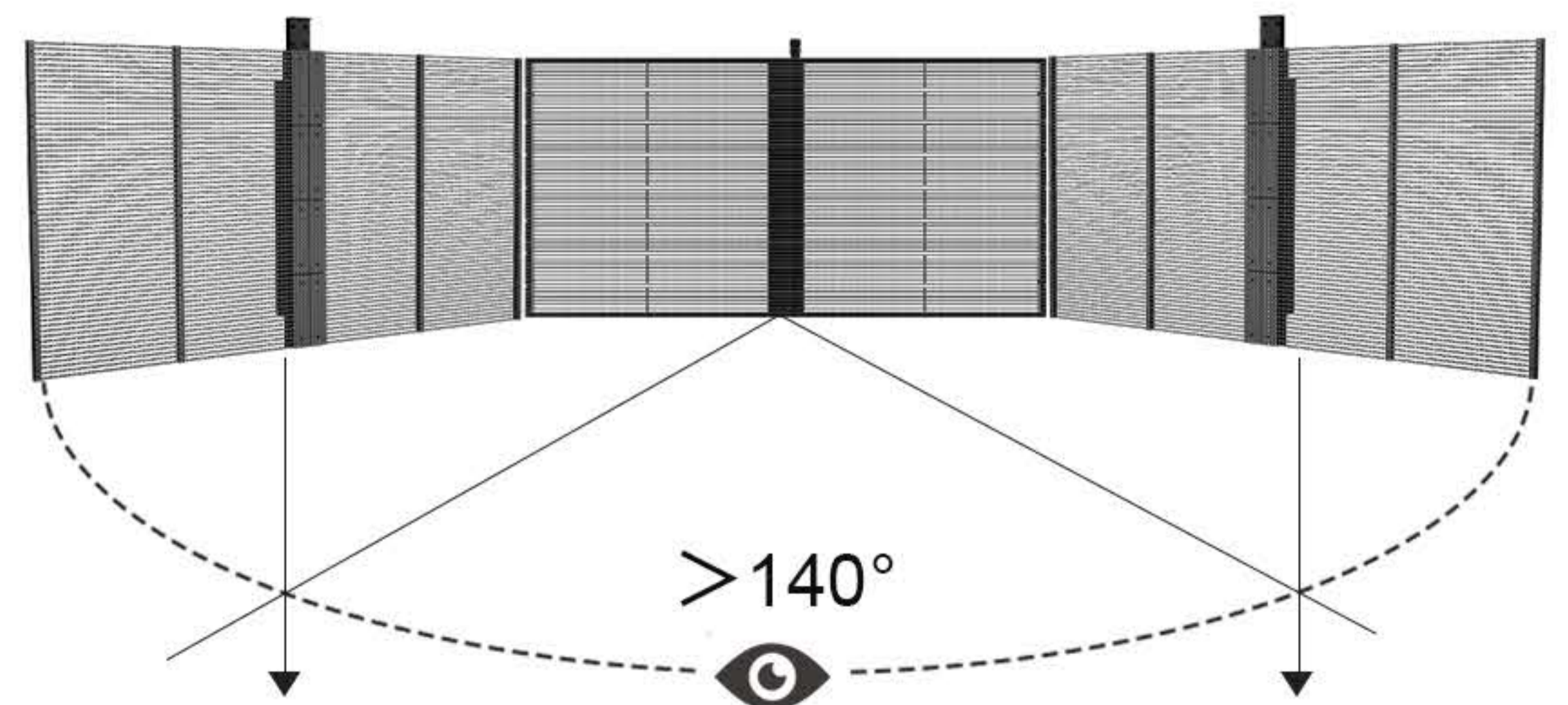
Average power (w) :130W/m²
Energy Saving High



Average power (w) :260W/m²
Ordinary

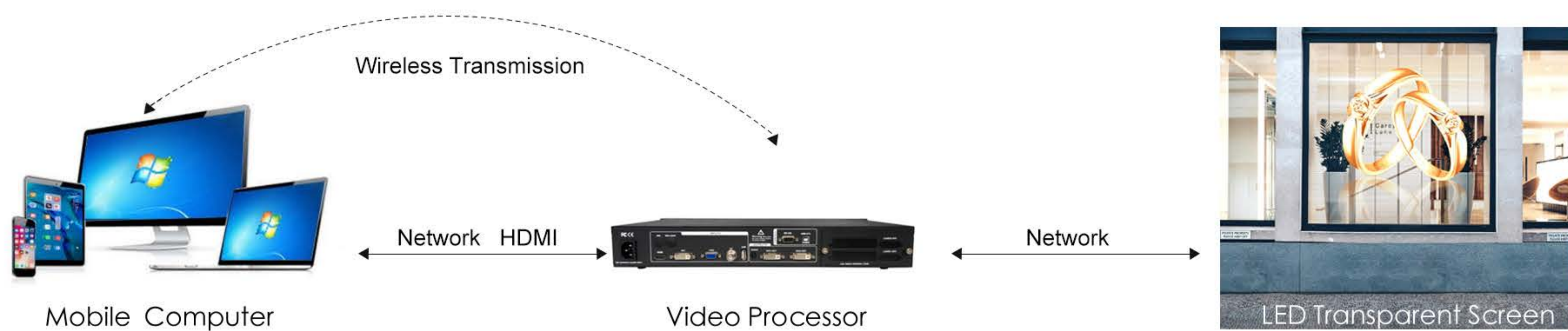
Ultra-Wide Viewing

Angle Horizontal viewing angle up to 120° and vertical viewing angle



LED Transparent Screen Control Mode

The LED transparent screen adopts modular design, which can be assembled into a giant screen by DIY, and can be controlled by computers, mobile phones and other electronic devices, which is convenient and fast



PARTS



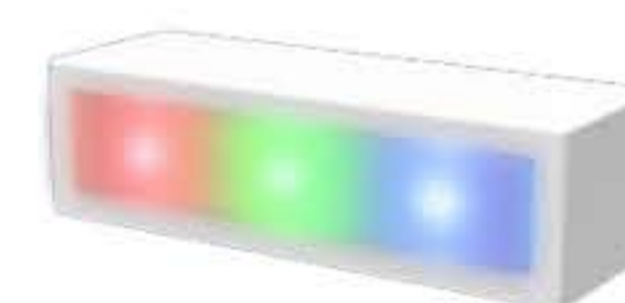
Nationstar 1921 lamp beads

- Pin internal bending, multiple waterproof, high reliability.
- White frame, improve brightness; matte process, inhibit reflection.
- High cup and short foot design, easy to glue, cover mask.



Nationstar 1415 lamp beads

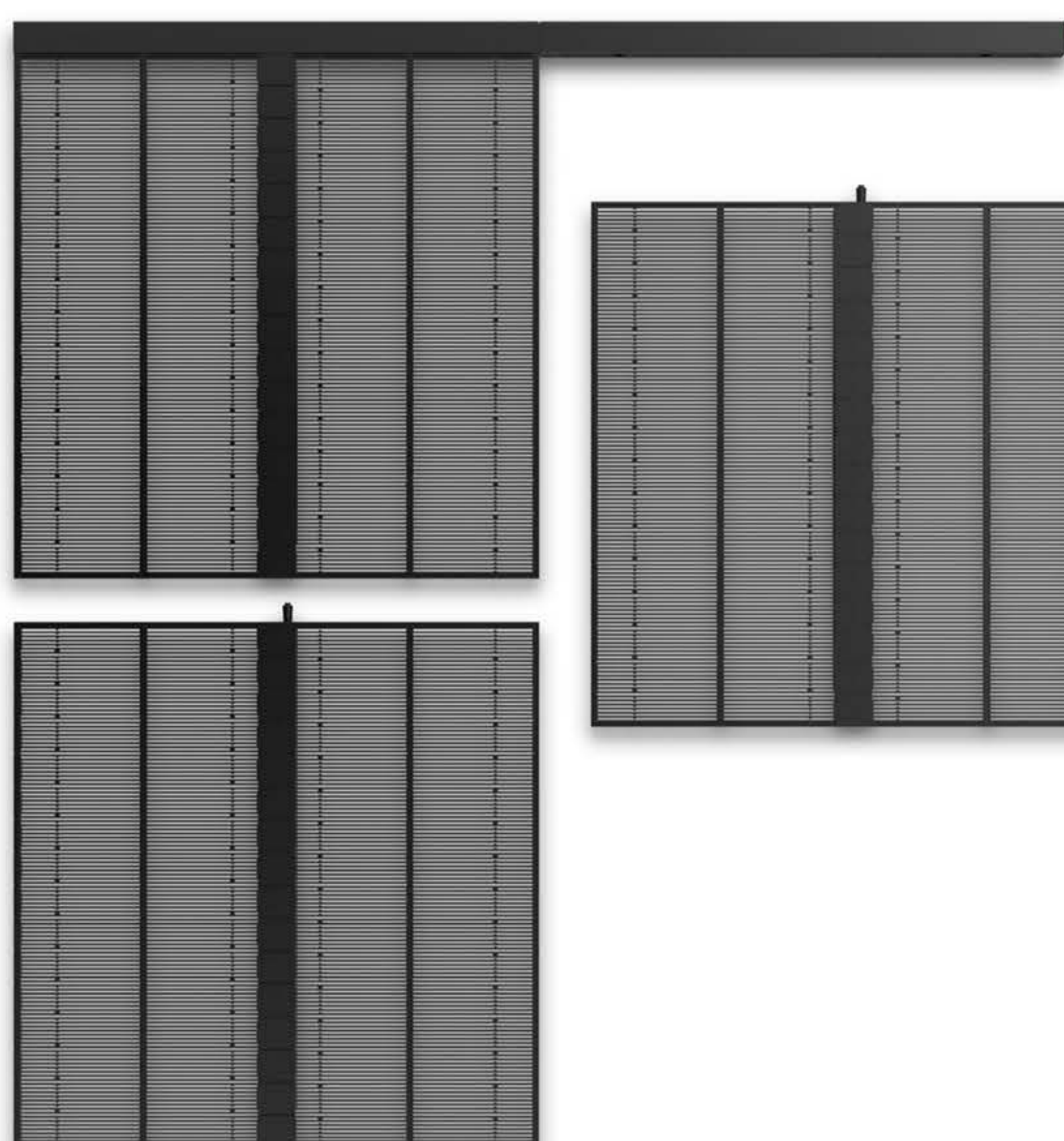
- Bottom pin design makes it easier to glue;
- Subversive packaging, higher reliability;
- Matte fog surface, super high contrast.



Nationstar 3535 lamp beads

- Special lamp beads for transparent screen, high transmittance;
- High brightness: white frame, large size chip;
- High reliability: long life, UV proof.

PARTS, INSTALLATION, MAINTENANCE



Beam

It is used to bear weight, which is generally divided into upper and lower parts

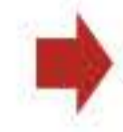
Transparent Screen Box

Led transparent screen is one of the core parts, the size is 1000X1000mm, 1000x500x500. It can be used according to the scene.

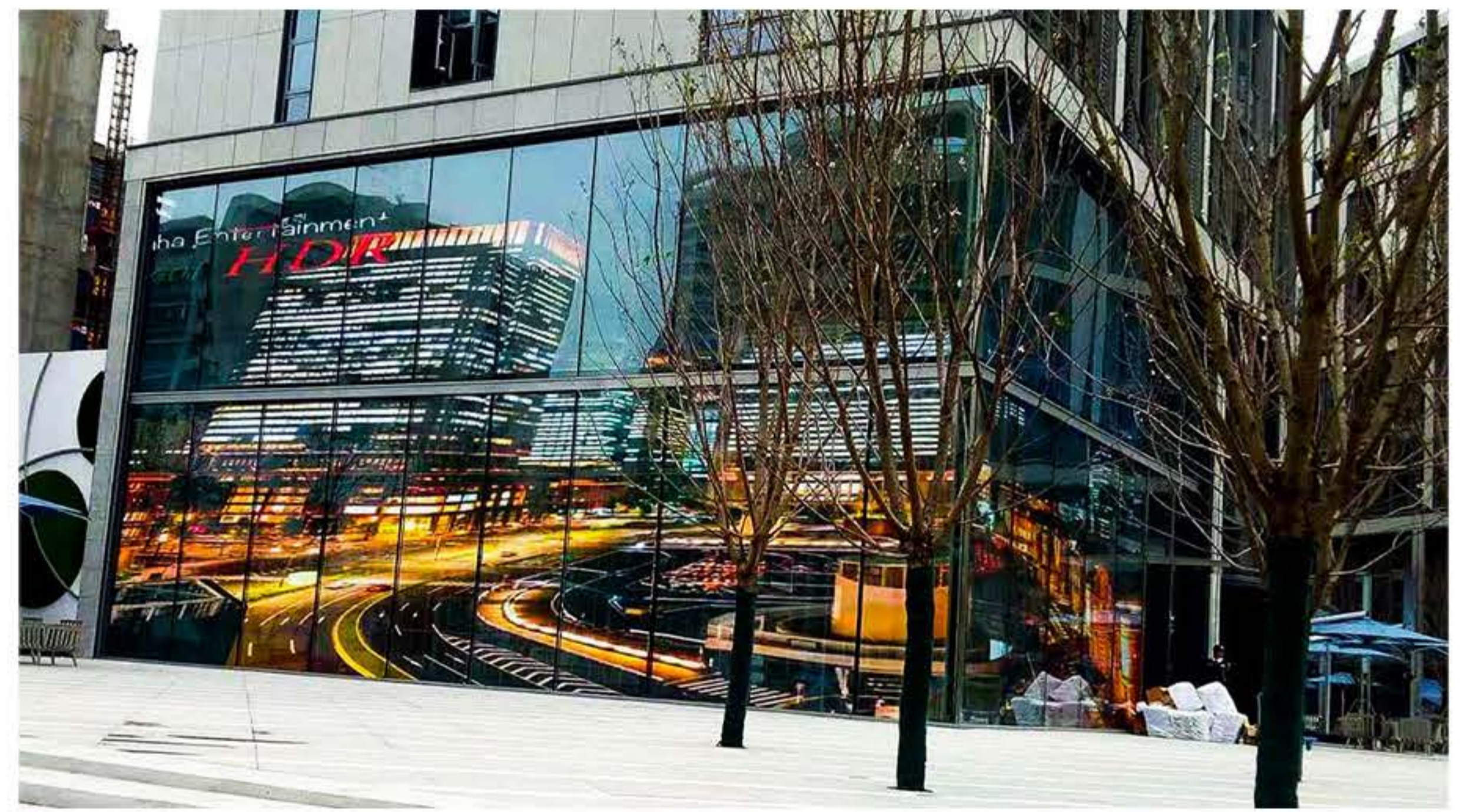
Support Rod, Foot Cup Lifting Ring, Connecting Piece

Select the corresponding accessories according to the installation mode.

6 INSTALLATION STEPS



POPULAR APPLICATIONS



TECHNICAL STANDARD

Appearance Requirements:

The appearance of the profile is bright, intact, without scratch marks; the lamp beads are evenly distributed, and there is no shaking or falling off phenomenon in the assembly.

The error of structure size is not more than ± 1 mm.

Test Environment And Basic Parameters

Working environment temperature: $-20\text{ }^{\circ}\text{C} \sim 50\text{ }^{\circ}\text{C}$

Relative humidity: L90% RH

Working voltage: $220 \pm 5\%$ / $110 \pm 5\%$

Working current: DC5V

Image Technology Requirements

Bright color, true picture, clear and natural, high color restoration

Maximum resolution of video analysis: 1920x1080.

Each lamp bead has uniform brightness, no dead light, bumping.

The imaging is clear and smooth, with clear layers, stable image quality and no flicker phenomenon.

Aging Requirements

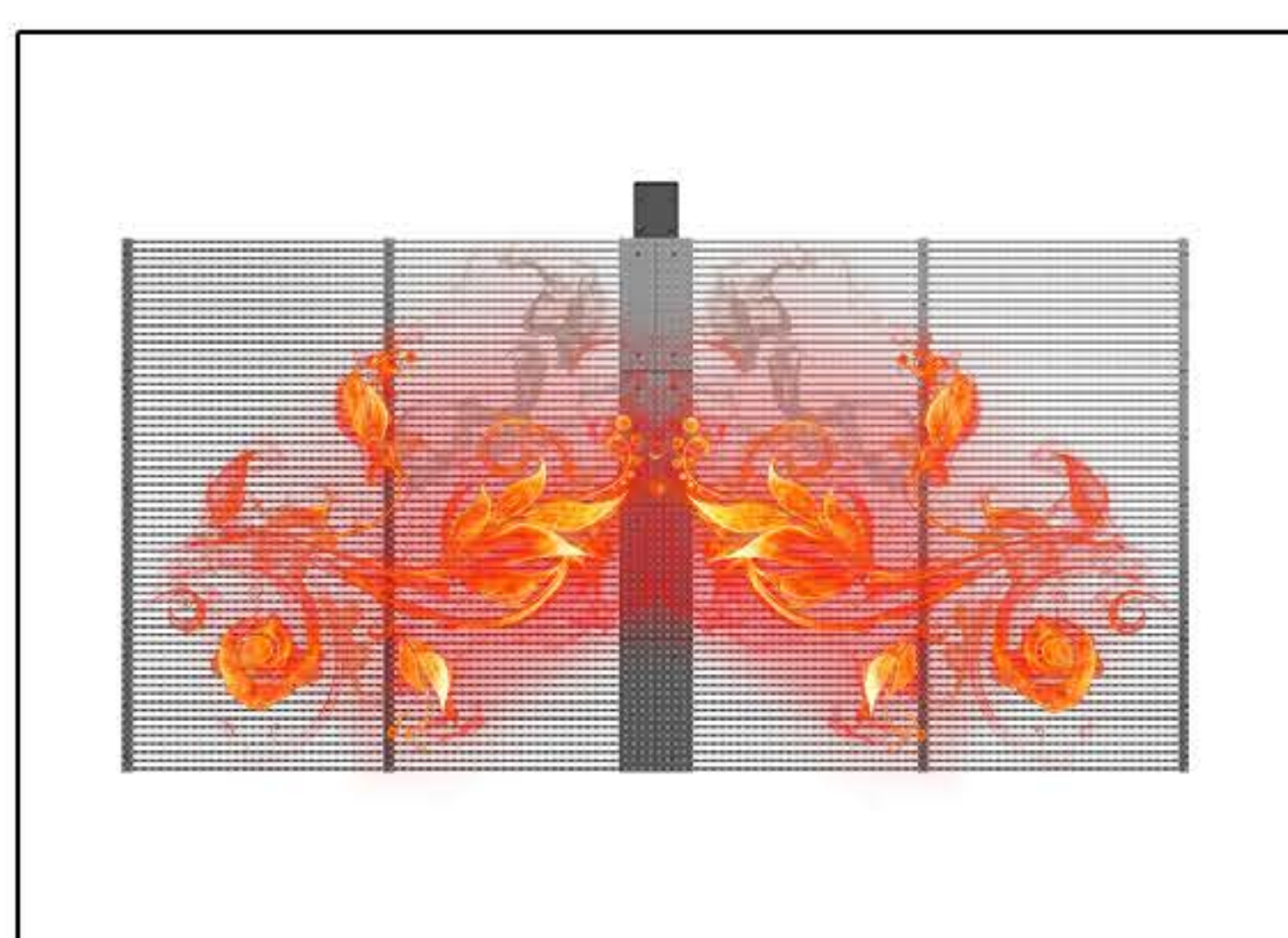
Red, green, blue solid color detection, no color deviation, no flicker.

The normal playing time of the video is not less than 48 hours, and there is no adverse phenomenon.

Testing Equipment

Pantong standard color card, gray comprehensive test chart, accuracy $\pm 0.5\%$ digital multimeter, vernier caliper with accuracy of $\pm 0.02\text{mm}$, testing tooling, high and low temperature humidity and heat test box, and light brightness detector.

PACKAGING & TRANSPORTATION



Address: 6F, Block A, Building 10, Fuyong
Huafeng Science and Technology Park, Baoan
District, Shenzhen 518103
Homepage: www.ddw.net

Business contact: info@ddw.net
Mobile/WeChat/WhatsApp/ICQ: +00 8613417558100
Skype: brightsteve **Tel/Fax:** +86-755-23229716

