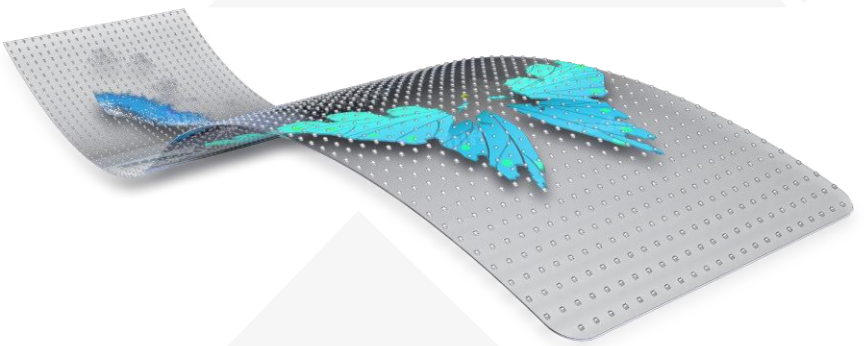
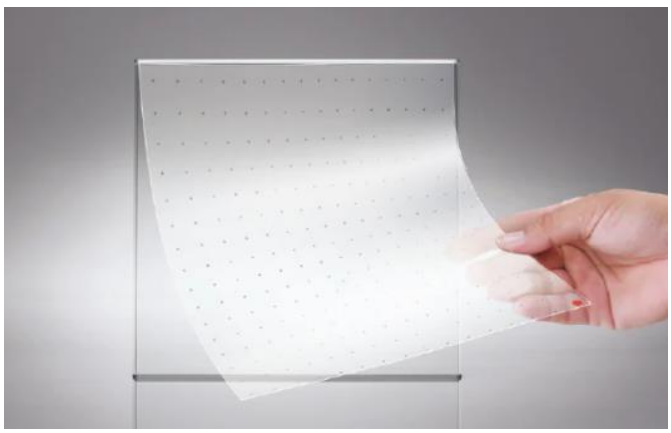
Soft Flexible Adhesive Film LED Display



Product Details

self-adhesive

The LED film screen is self-adhesive, so it can be easily attached to the surface of the existing window glass without any complicated construction

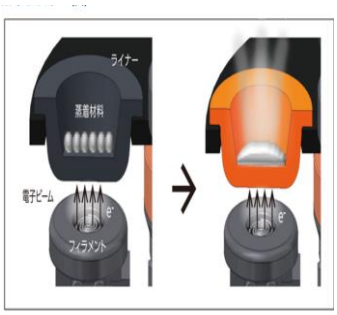


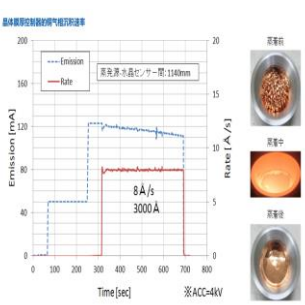
Curved

The LED film screen supports convex and concave curvature up to 1100R, suitable for curved glass or window applications. This allows for the wider venue to be redesigned as a landmark

Material

PET conductive base film





Product parameter table

Model	P6	P8	P10
Module size (mm)	1000*240	1000*240	1000*240
LED light	SMD2121	SMD2121	SMD2121
Pixel composition	R1G1B1	R1G1B1	R1G1B1
Pixel spacing (mm)	6*6	8*8	10*10
Module pixel	166*40=6640	125*30=3750	100*24=2400
Pixel/m2	27777	15625	10000
Brightness	1500-3000 nits	1500-3000 nits	1500-3000 nits
Permeability	72%	60%	65%
Angle of view °	160	160	160
Input voltage	AC110-240V50/ 60Hz	AC110-240V50/ 60Hz	AC110-240V50/ 60Hz
Peak power	800w/㎡	800w/㎡	800w/㎡
Average power	280w/㎡	280w/㎡	280w/㎡
Work environment	Temperature 0℃~40℃ Humidity 35-85%	Temperature 0℃~40℃ Humidity 35-85%	Temperature 0℃~40℃ Humidity 35-85%
Weight	3.5KG/panel	3.5KG/panel	3.5KG/panel
Thickness	3mm	3mm	3mm
Drive mode	static	static	static
Control system	Nova/Colorlight	Nova/Colorlight	Nova/Colorlight
Typical value of life	100000H	100000H	100000H
Grayscale level	16bit	16bit	16bit
Refresh rate	3840 Hz	3840Hz	3840 Hz

Size can be customized.

Product features

LED

light drive in one, independent research and development, high reliability, mini LED device, industry leading

High transmittance

The transmittance is more than 60%, which does not affect the glass daylighting

Easy to install

without steel structure, just stick the thin screen slightly and connect the power signal

Flexible

for any surface

Light and thin

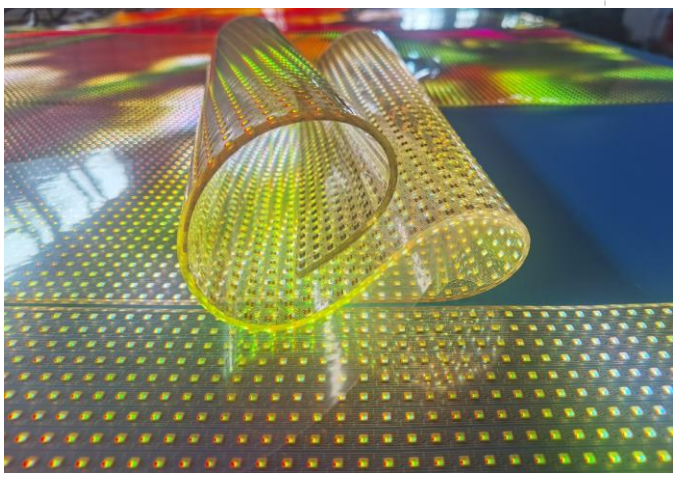
as thin as 3mm, as light as 3.5kg/panel

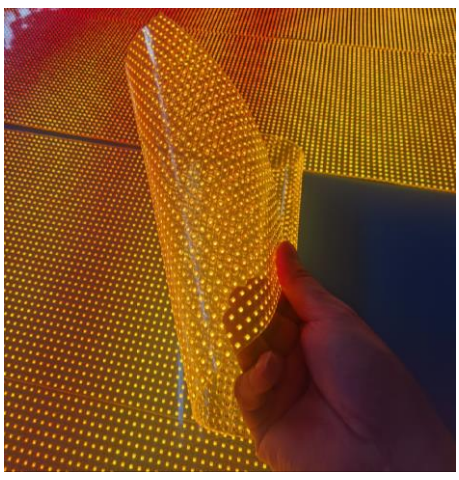
UV resistance

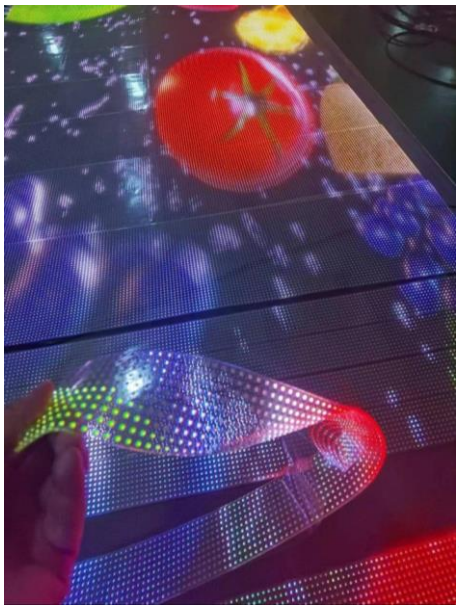
5~10 years can ensure no yellowing

Flame retardant

flame retardant grade V1







Product features

1.The integrated wiring design of the PET film avoids close contact with the screen body, effectively solves the problem of heat concentration in the power box, and prevents heat from being directly concentrated on the glass, causing the glass to be heated unevenly for a long time, and the glass may burst.

2. Anti-UV material is filled with glue to solve the problem of yellowing of the screen body.

3. The lamp beads adopt self-developed wide-voltage lamp beads (can accept 3.8V--15V voltage impact), which is more in line with the circuit design of the crystal film screen product itself, and ensures the pressure resistance of the lamp beads, greatly reducing possible occurrences during product use. The dead light rate.

4. Real 16bit, not 8bit to 16bit, better video playback effect

5. 30μm lines, compared to the traditional 80--150μm line width designs on the market, have higher permeability and are cleaner and more beautiful overall.

6. It adopts imported high-density FCI connectors, which has higher stability and can be plugged and unplugged multiple times without any problems.

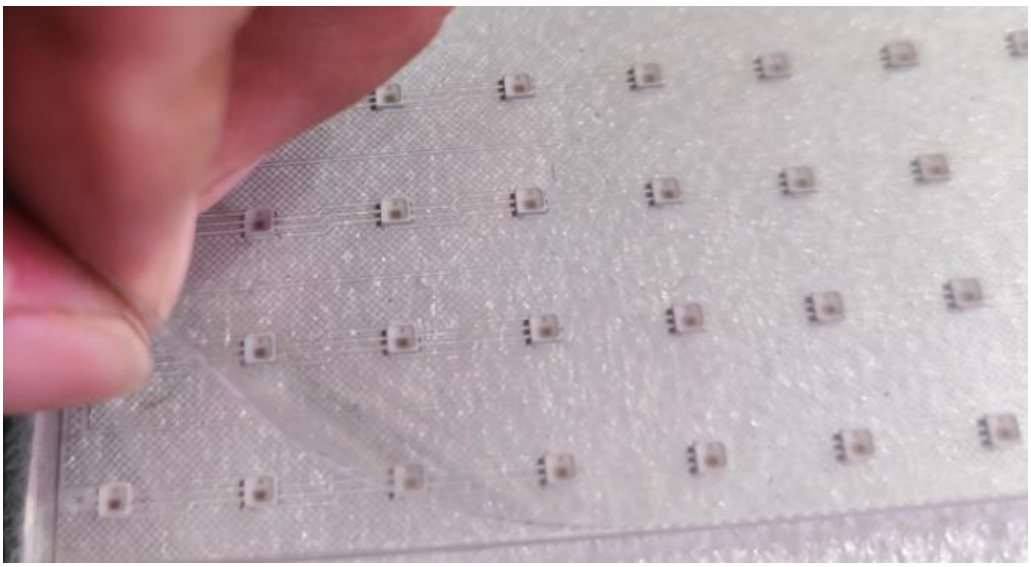
7. The lamp bead can withstand 3kg thrust force, and the solder pad is stronger, which can effectively solve the problem of virtual soldering that may occur in the lamp bead during production, transportation and installation.

8. The line adhesion can pass hundreds of grid tests, and it has a better and more stable line design, which effectively solves the problem of easy failure of crystal film screen lines.

Mini LED
Model:SMD2121

The combination of light and drive, independent research and development, high reliability, industry leading

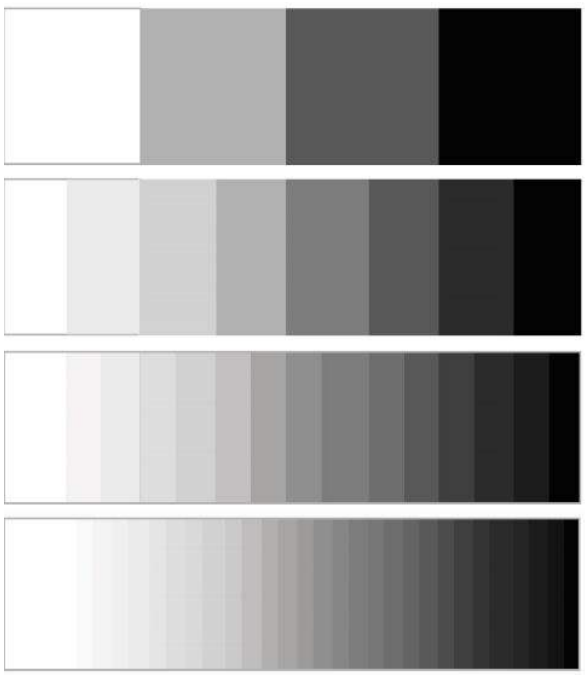
1.**Breakpoint continuation**



2.**High gray scale display (true 16bit)**

RGB channel adopts 32-level current linear regulation, and maintains true 16-bit grayscale display under any current, which is applicable to the consistency of indoor, semi-outdoor and outdoor current requirements;

Large contrast

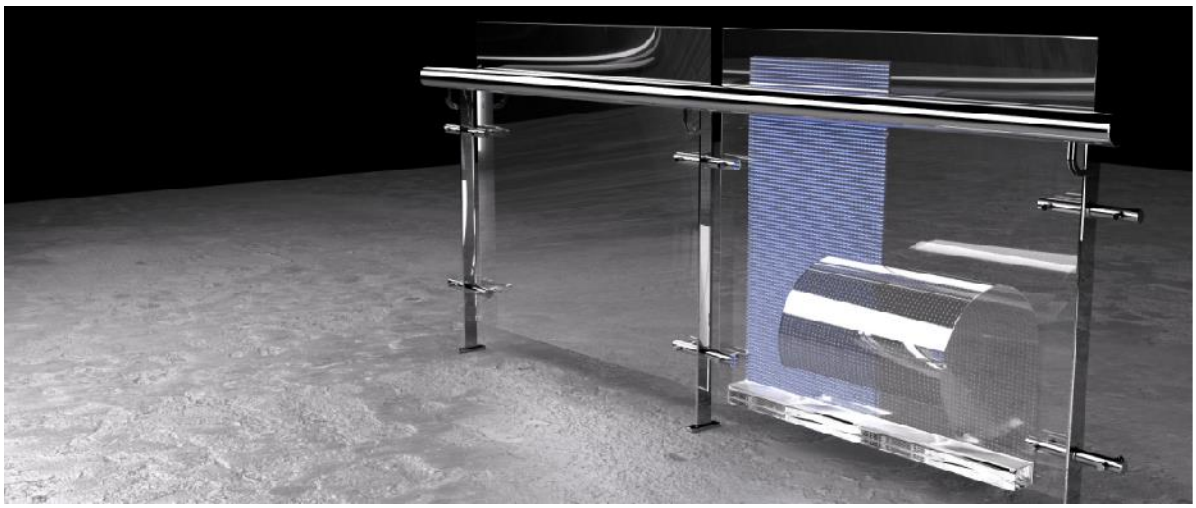


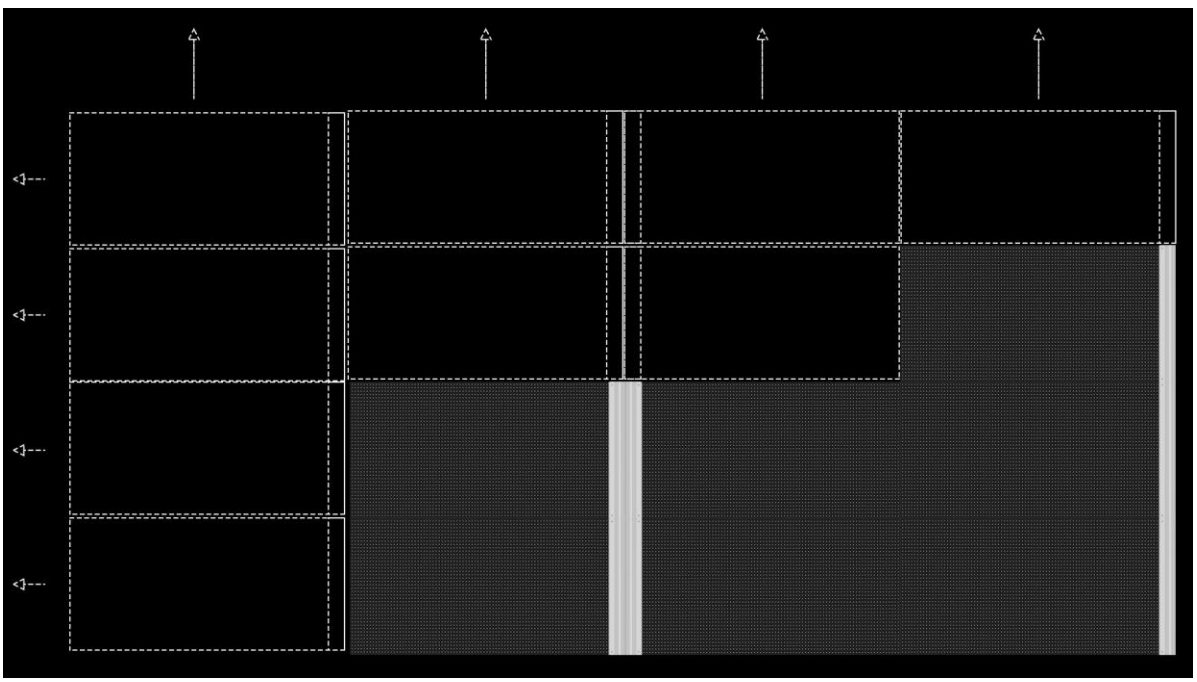
Small contrast

Easy installation

No steel structure is required, just stick the thin screen slightly and connect the power signal

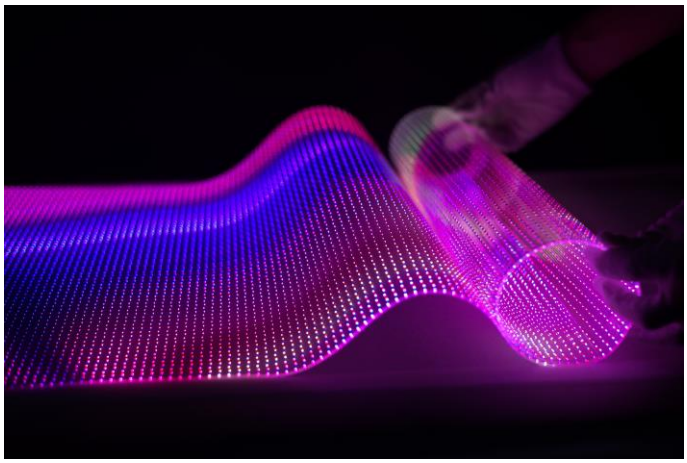
Self-developed glue filling process (the screen body with its own viscosity can be directly attached to the glass surface, with strong colloid adsorption, and the viscosity will also increase with the passage of time due to the inherent characteristics of the colloid)

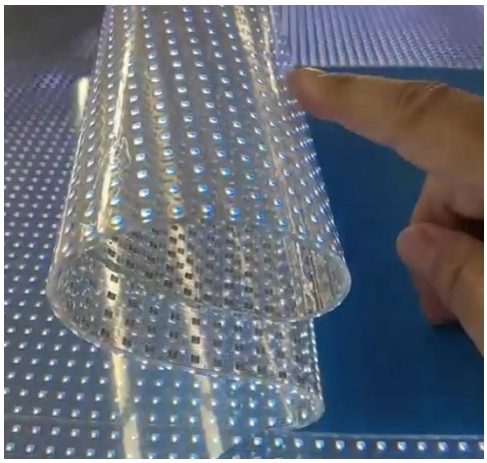




Flexibility

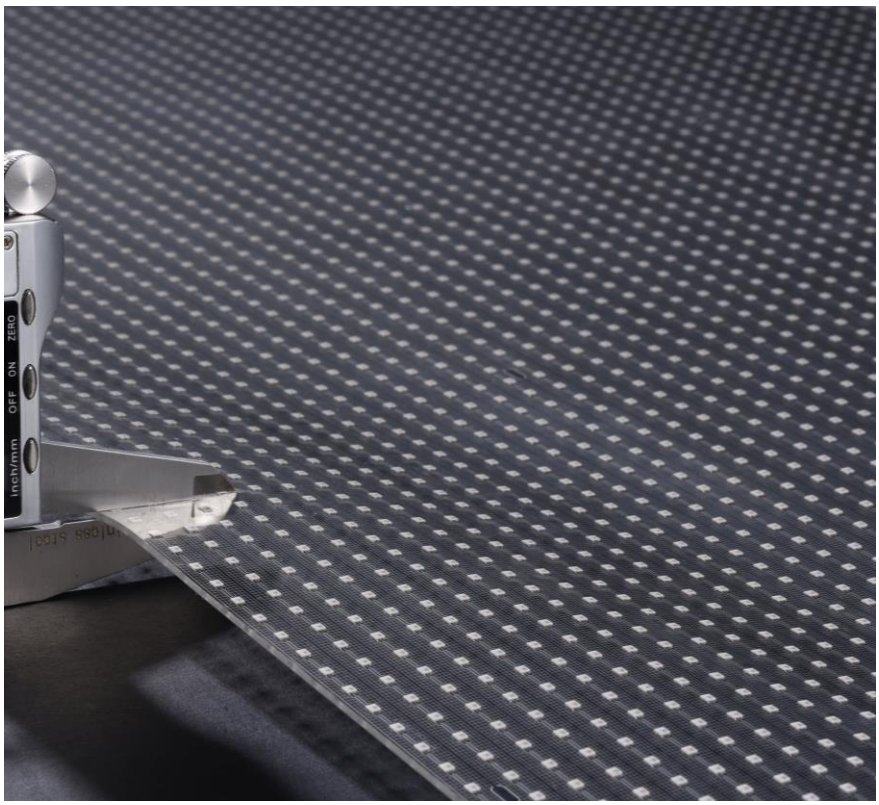
- Applies to any surface
- Fig. 1 Real shot of module curled into a circle
- Surface case



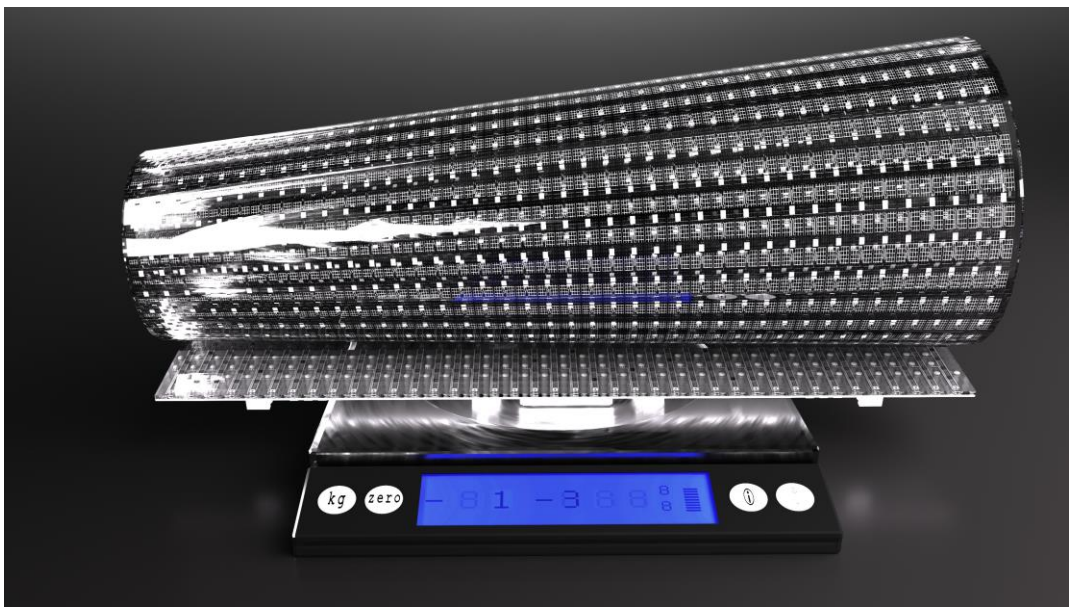


Light and thin

- **Thickness:3mm**

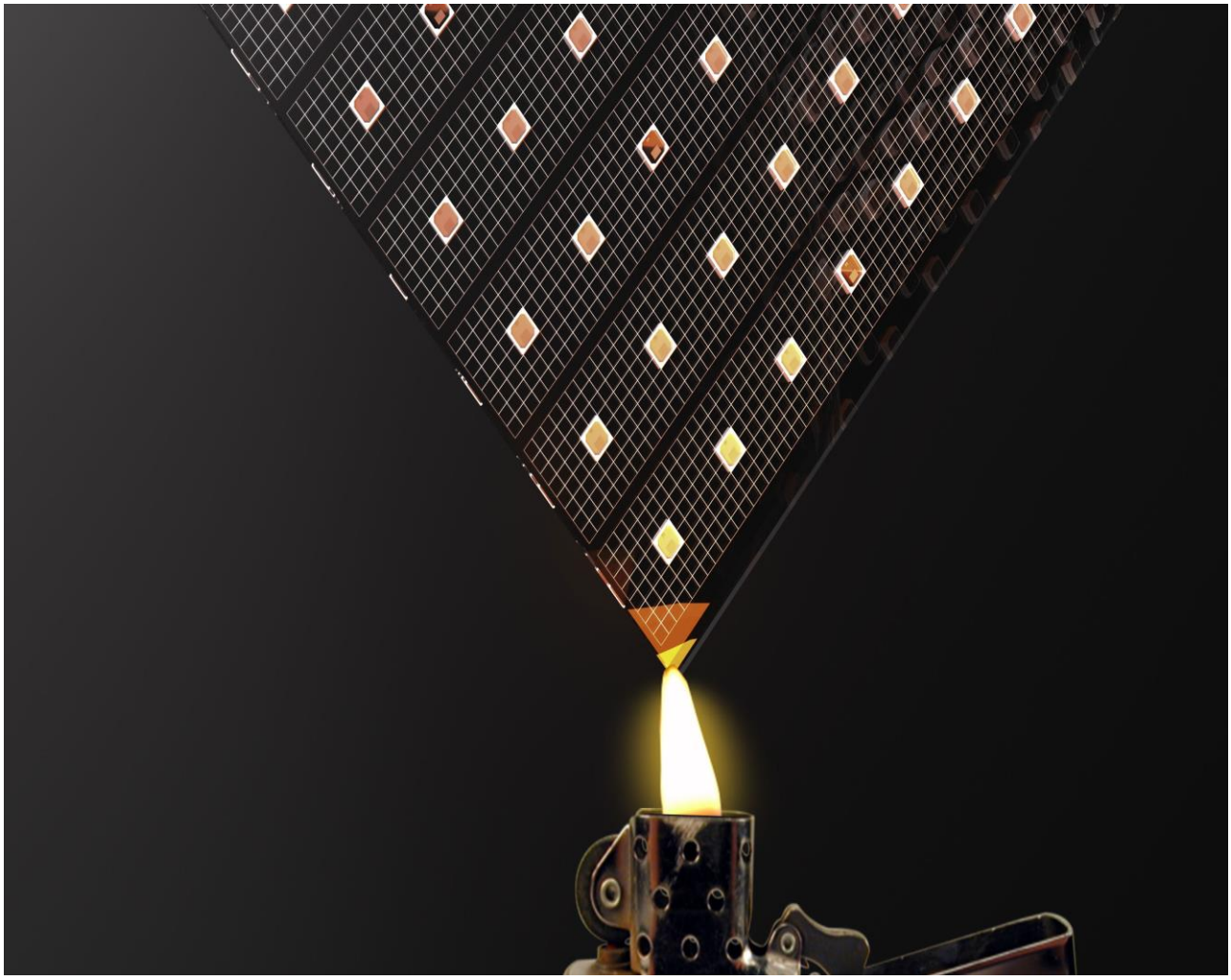


- **Weight: 3.5KG/panel**



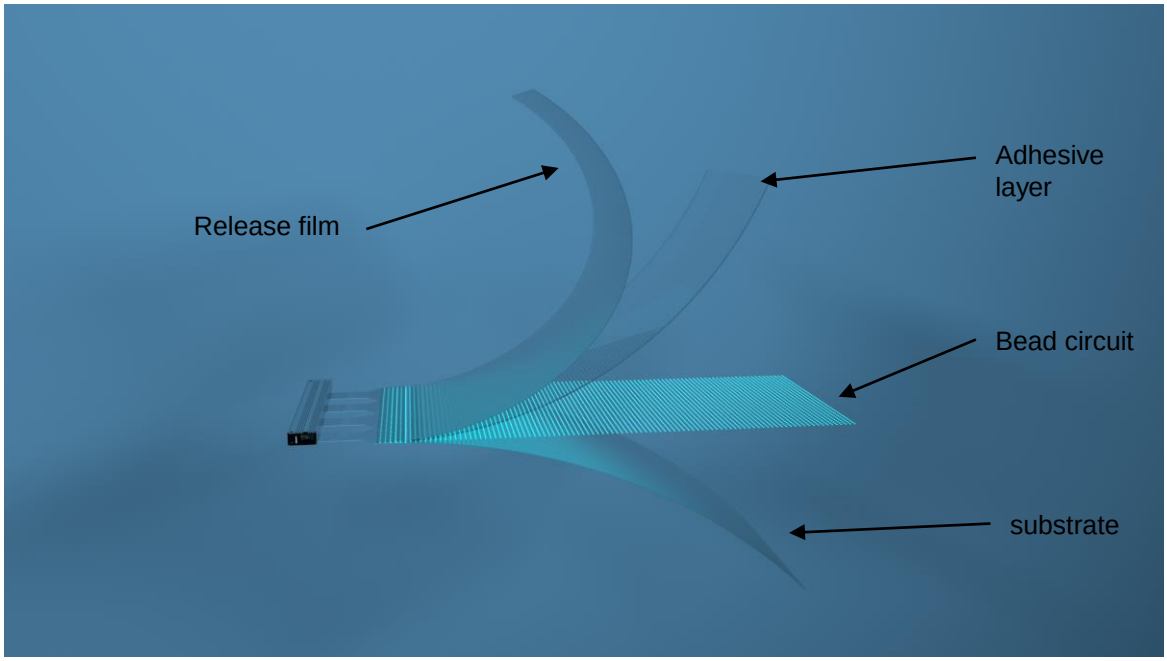
Flame retardant and UV resistant

- Grade V1 flame retardant
- Uv resistance without yellowing >8 years



Exploded view of module (with power box)

- **Soft row cable connection**

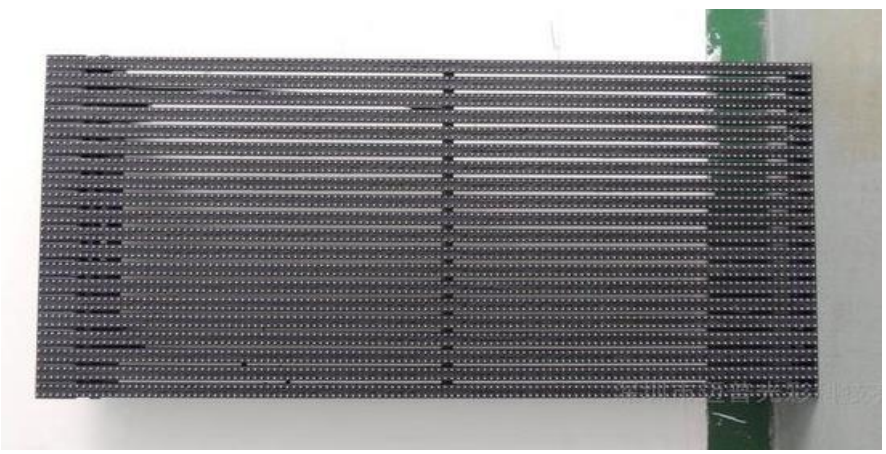


Product comparison chart

- **Appearance**

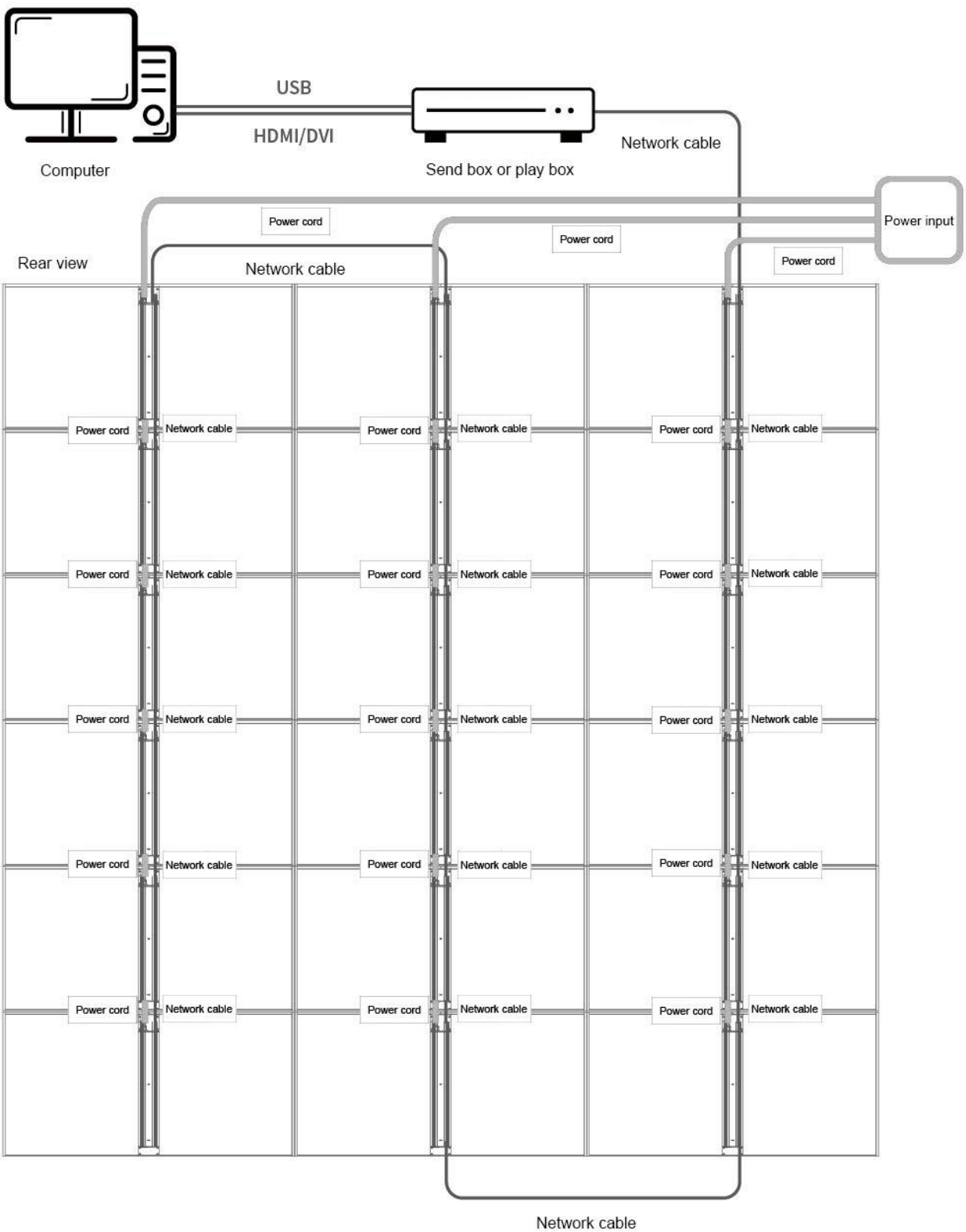
our products

Other ‘s products



Other ‘s products

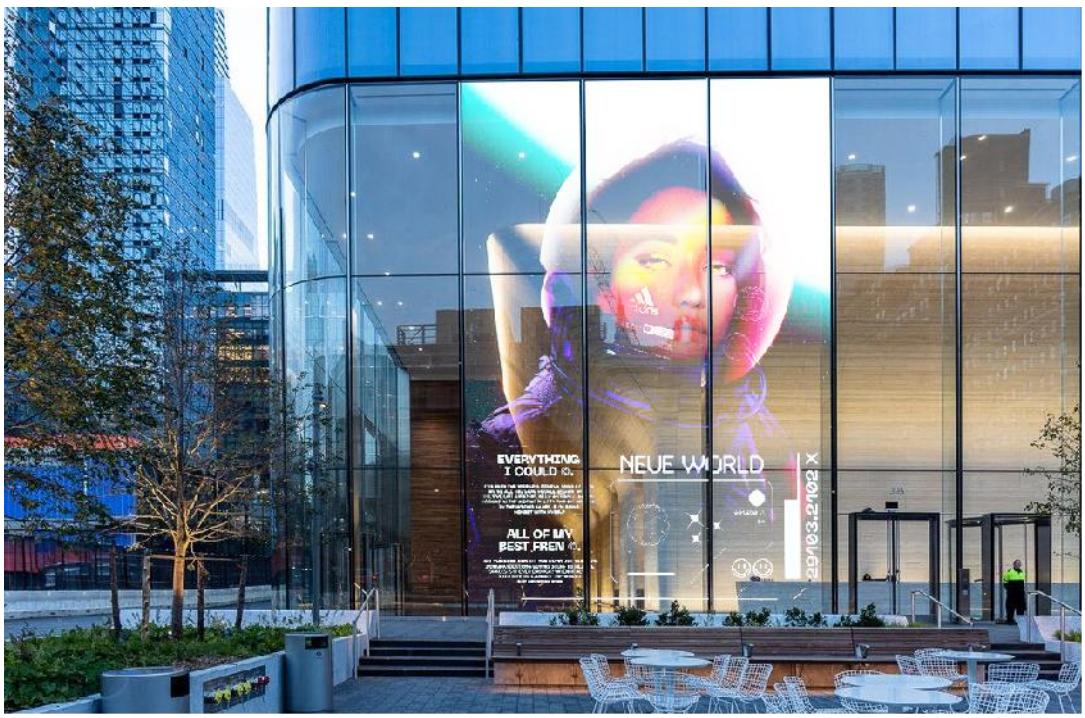
Installation diagram and wiring diagram (same as asynchronous configuration)



Application scenario - glass curtain wall

- (Picture of curved glass curtain wall)

- (Picture of glass curtain wall of the building)



Application Scenario - Retail Store

Transparent LED display is a new type of display technology with high transparency, vivid colors and high brightness. In stores, transparent LED displays can be applied to store glass windows to attract customers' attention and improve the brand image of the store.We propose a transparent LED display in the store glass window application scheme. The solution uses transparent LED displays installed on store glass windows to facilitate stores to display advertising messages and attract customers' attention without taking up large areas of space.

The application scenario of this solution includes the following aspects:

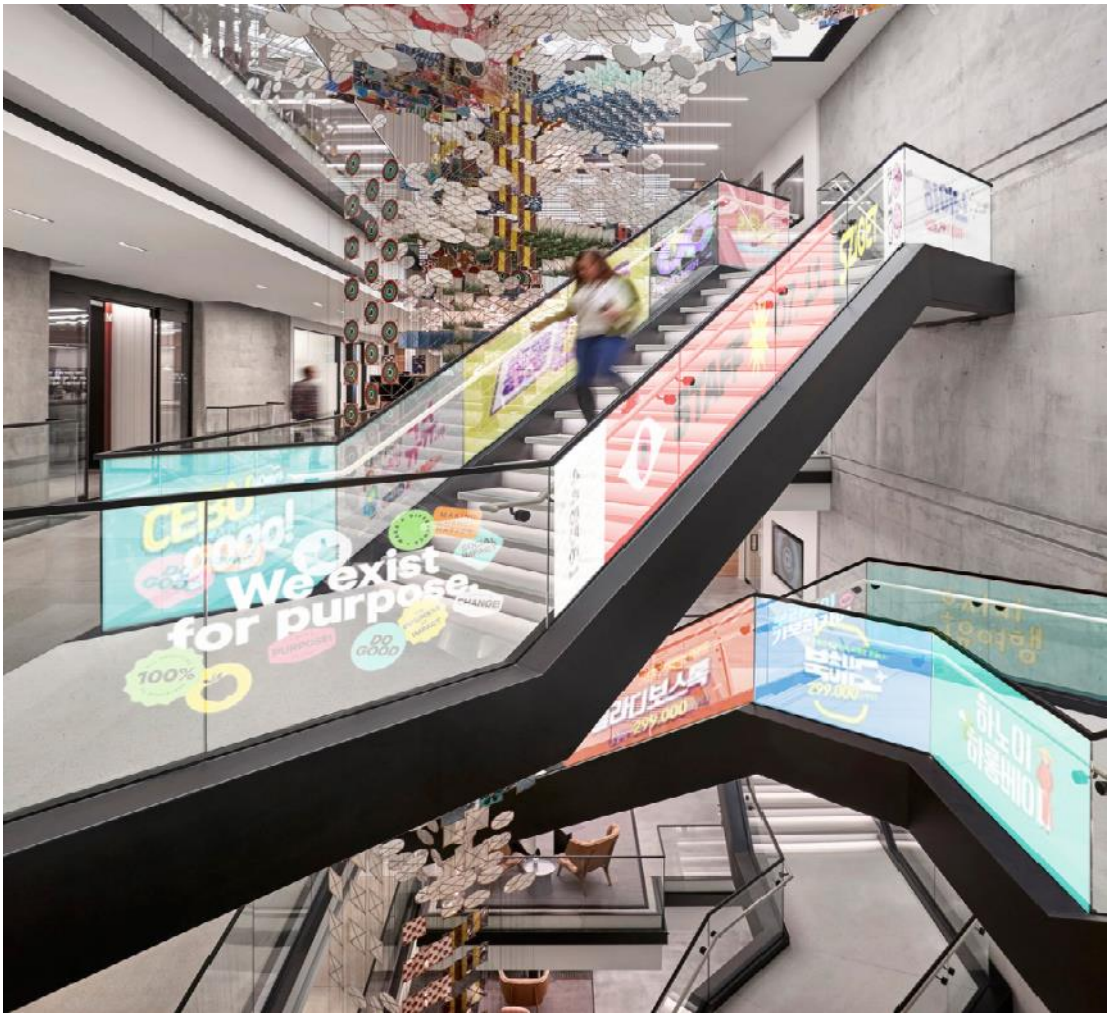
Store product display: Transparent LED display can be used to display the store's product information and promotional information, to attract customers' attention.

Brand promotion: Stores can use transparent LED displays to promote brand image and culture and enhance brand influence.

Activity promotion: Stores can use transparent LED displays to promote various activities, such as new product releases and discount promotions.

In addition, the solution can realize real-time update of information and improve the timeliness of store information, as well as greatly improve the visual aesthetics and brand image of the store, making the store more attractive and modern.

Application scenario - glass guardrail



In shopping malls, transparent LED displays can be applied to the glass parapets of shopping malls to attract customers' attention and improve the brand image.We propose an application scheme of transparent LED display in the glass guardrail of shopping mall. The scheme uses a transparent LED display mounted on the glass guardrail in order to display advertising messages and attract customers' attention without taking up a large area of space.

The application scenario of this solution includes the following aspects:

Activity promotion: shopping malls can use the transparent LED display to promote various activities, such as new product release, brand display, etc.

Shopping mall advertising: Transparent LED display can be used to display shopping mall advertising information, including the latest special offers, brand promotion, etc.

Navigation instruction: shopping malls can display the map and related information of the mall on the transparent LED display to facilitate customers' navigation and visit.

Application scenario - handrail elevator

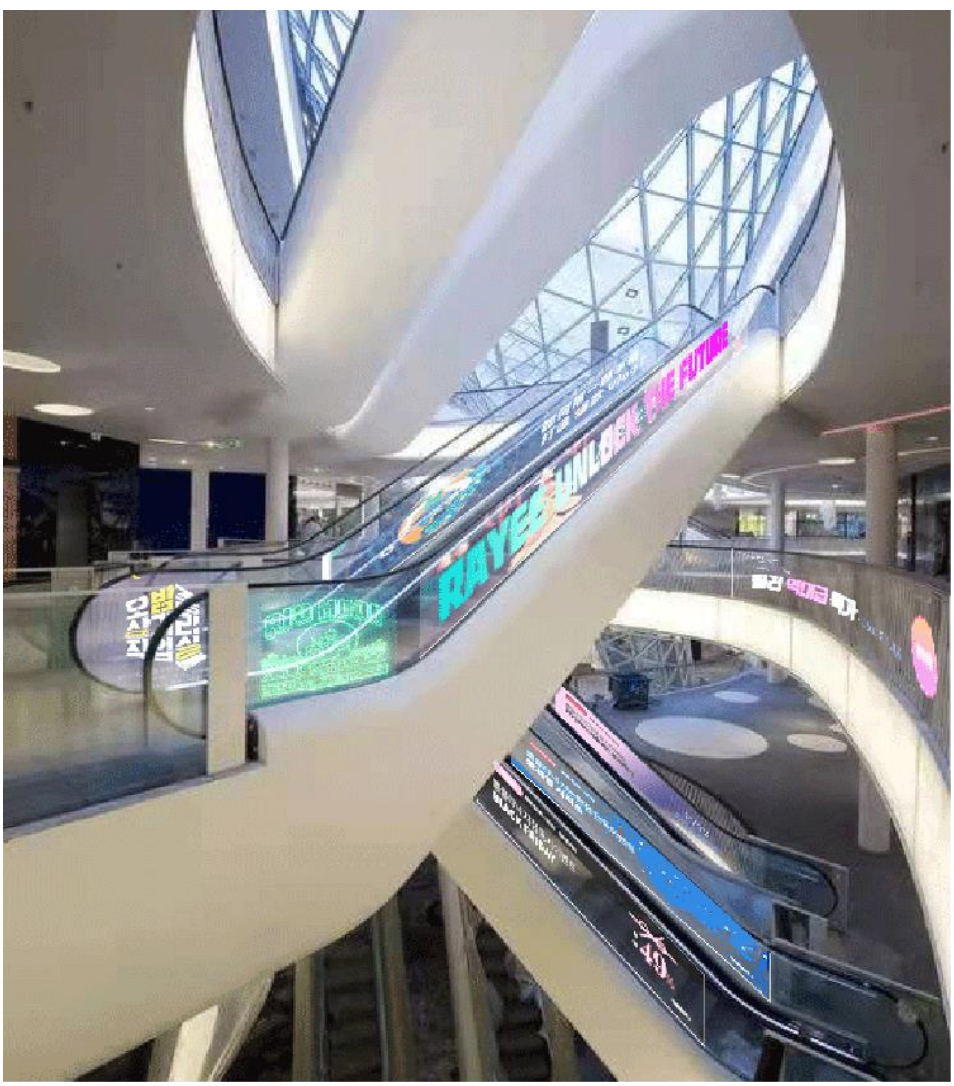
In the escalator, the transparent LED display can be used to display a variety of information and advertising, making it more convenient for passengers to understand the elevator information and obtain useful information while taking the elevator. We propose an application scheme of transparent LED display in escalator. A transparent LED screen is installed on the handrail of the elevator, so that passengers can get useful information without affecting the transparency of the elevator.

The application scenarios of this solution include the following aspects:

Elevator running status display: Transparent LED display can be used to display the running status of the elevator, such as running speed, current floor, stopping floor and other information.

Advertising display: Transparent LED display can be used to broadcast advertisements, such as advertisements of the business on the floor where the elevator is located or relevant social welfare advertisements, etc.

Other information display: Transparent LED display can also be used to display other information, such as weather forecast, clock, etc.



Application Scenario - Others