

深圳市狮子光电科技有限公司

Shenzhen Lion Optoelectronics Technology Co., Ltd.

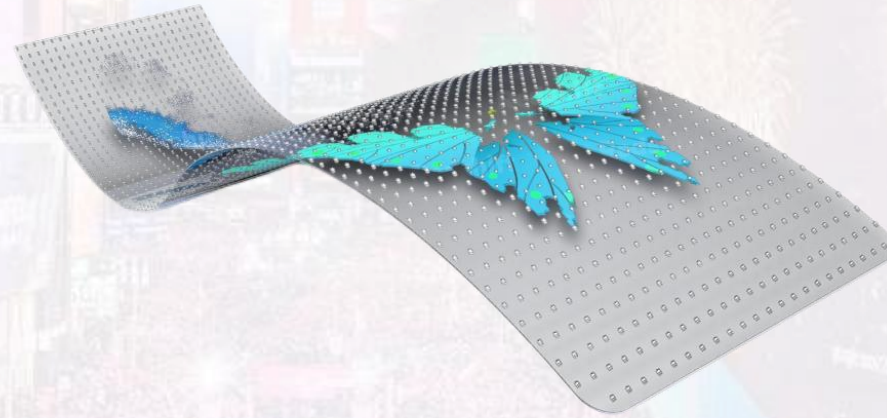


LIONLED

狮子光电 点亮世界

Lionled wanna light the world up

LED Indoor Flexible Transparent Display



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 90%, which does not affect the glass daylighting

Easy to install

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

AB version

Flexible

for any surface

Light and thin

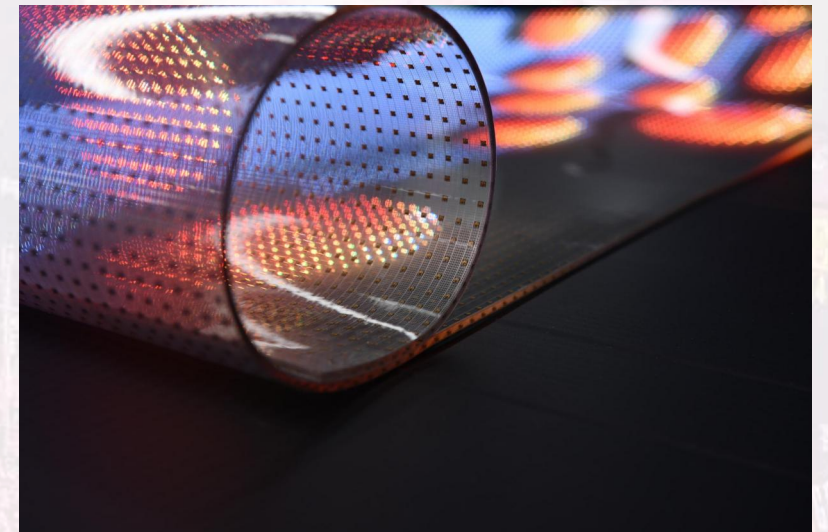
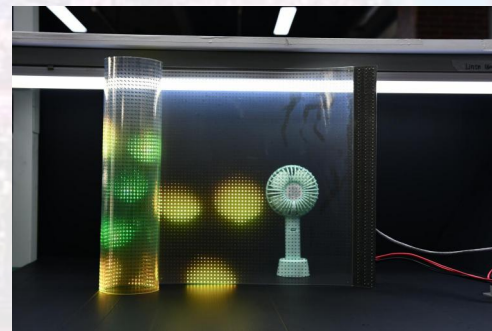
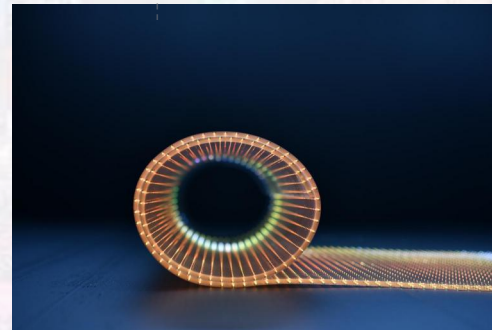
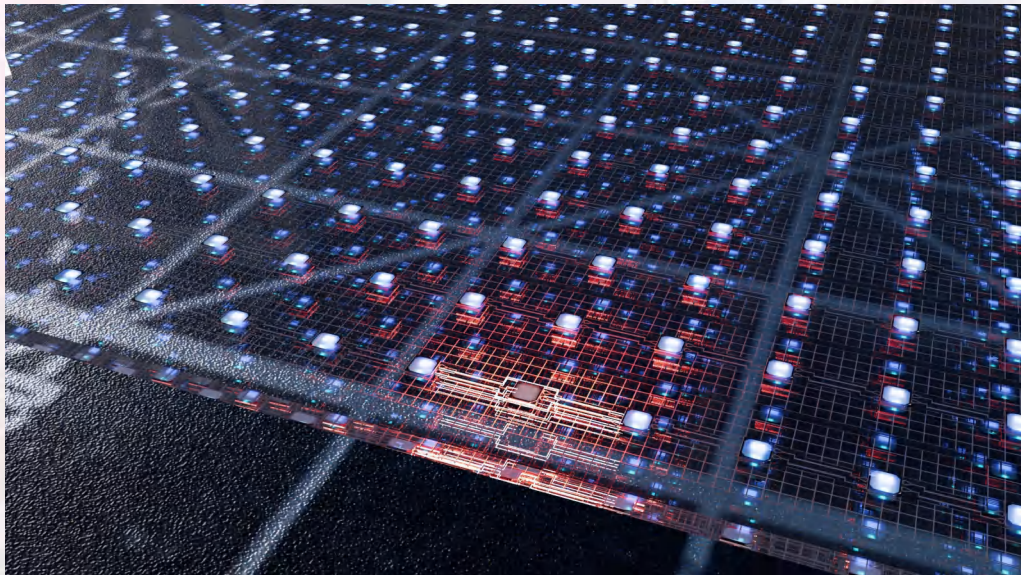
as thin as 2.5mm, as light as 5kg/m²

UV resistance

5~10 years can ensure no yellowing

Flame retardant

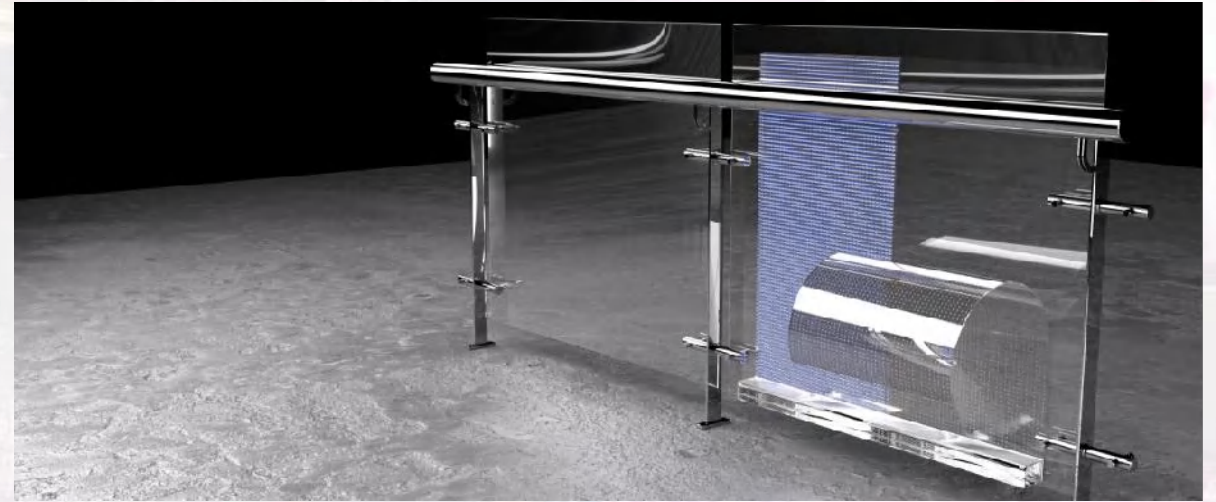
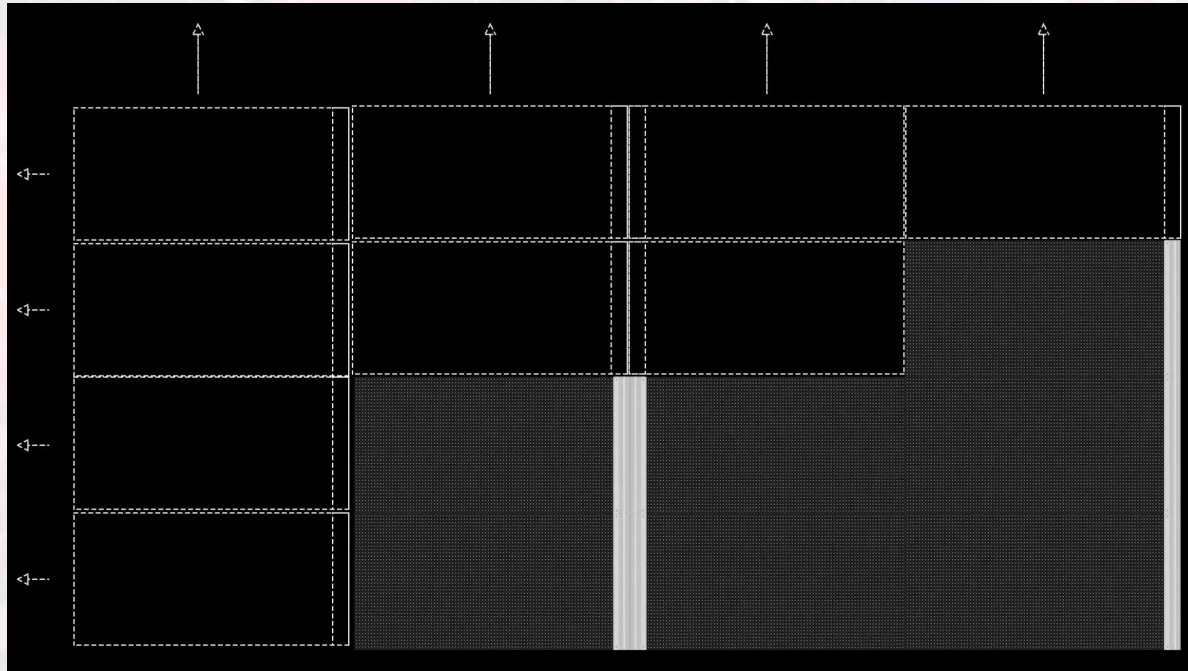
flame retardant grade V1



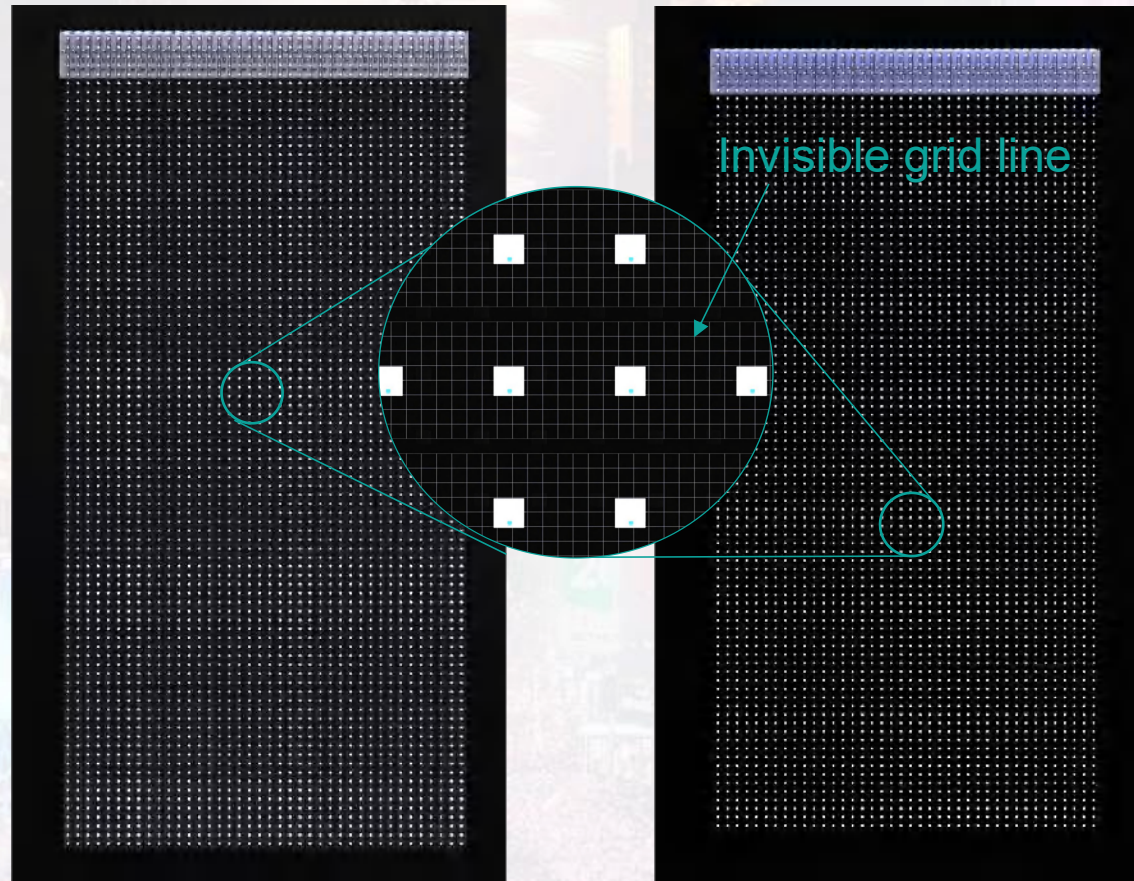
Easy installation

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)



High transmittance



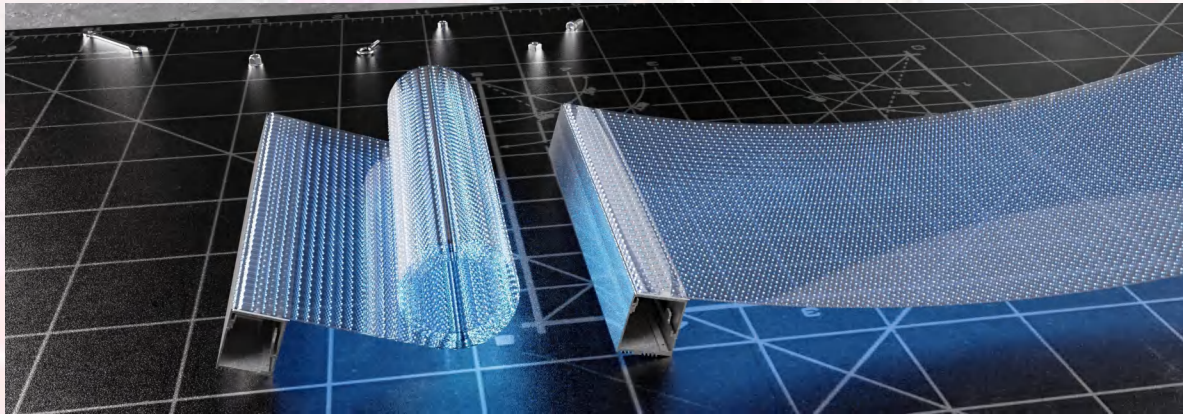
Use the integrated MiniLED lamp beads to improve its own permeability

Use invisible grid circuit to improve its permeability

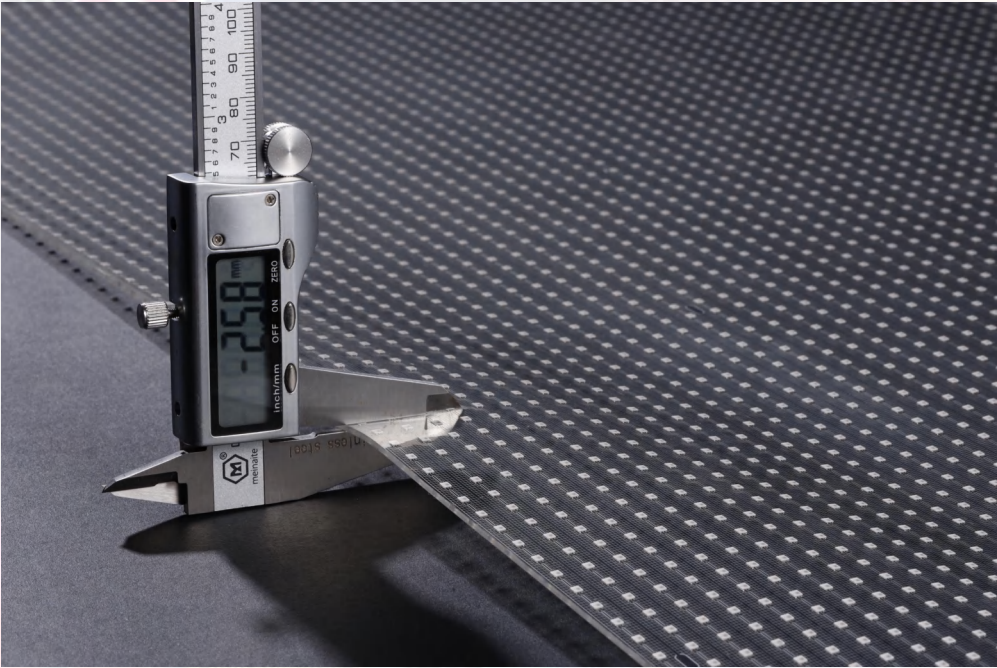
The transmittance is more than 90%, which does not affect the glass daylighting

Flexibility

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

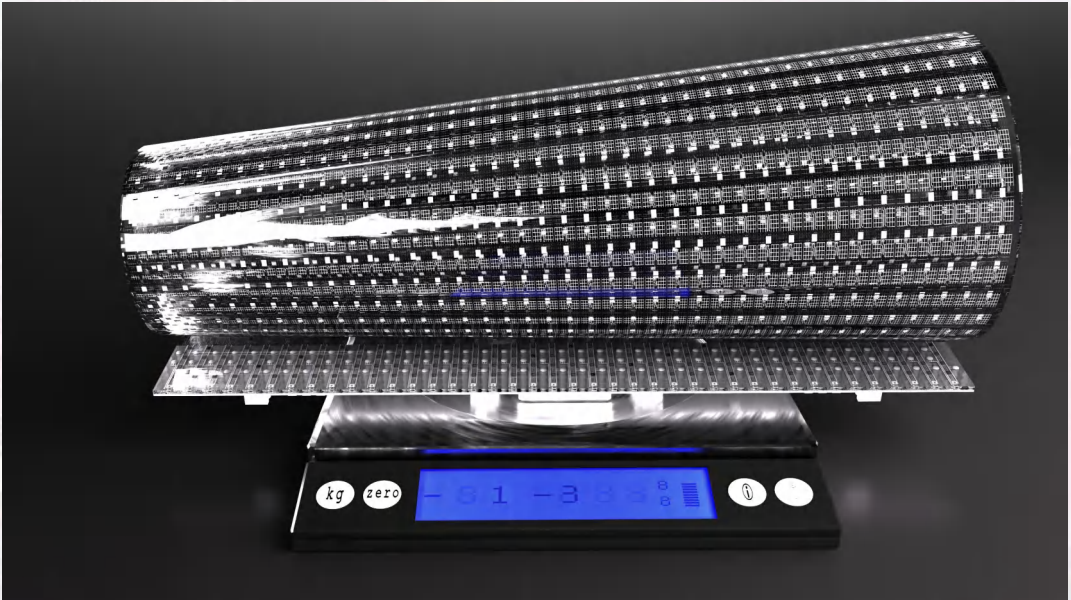


Light And Thin

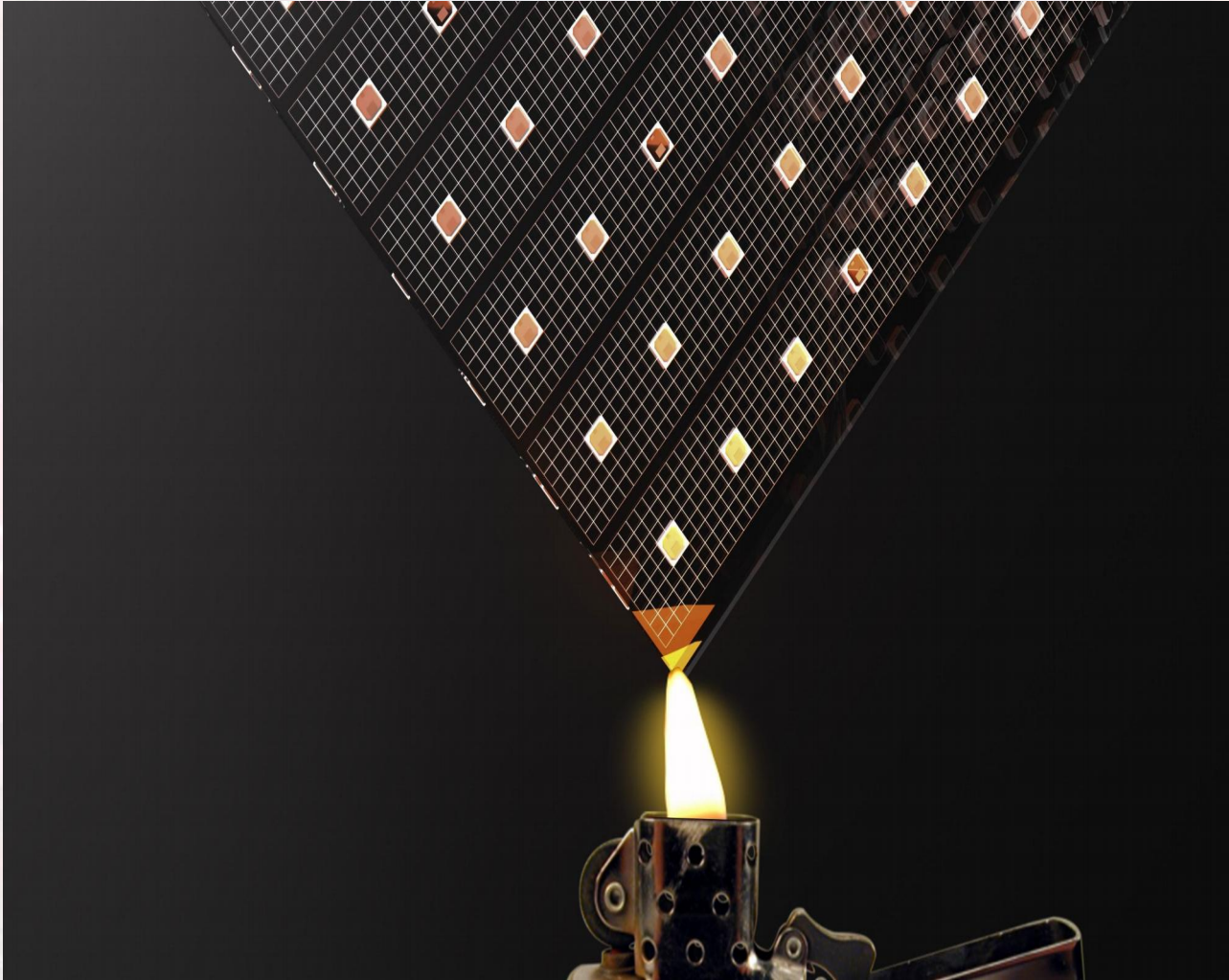


Thickness: 2.5mm

Weight: 1.3KG

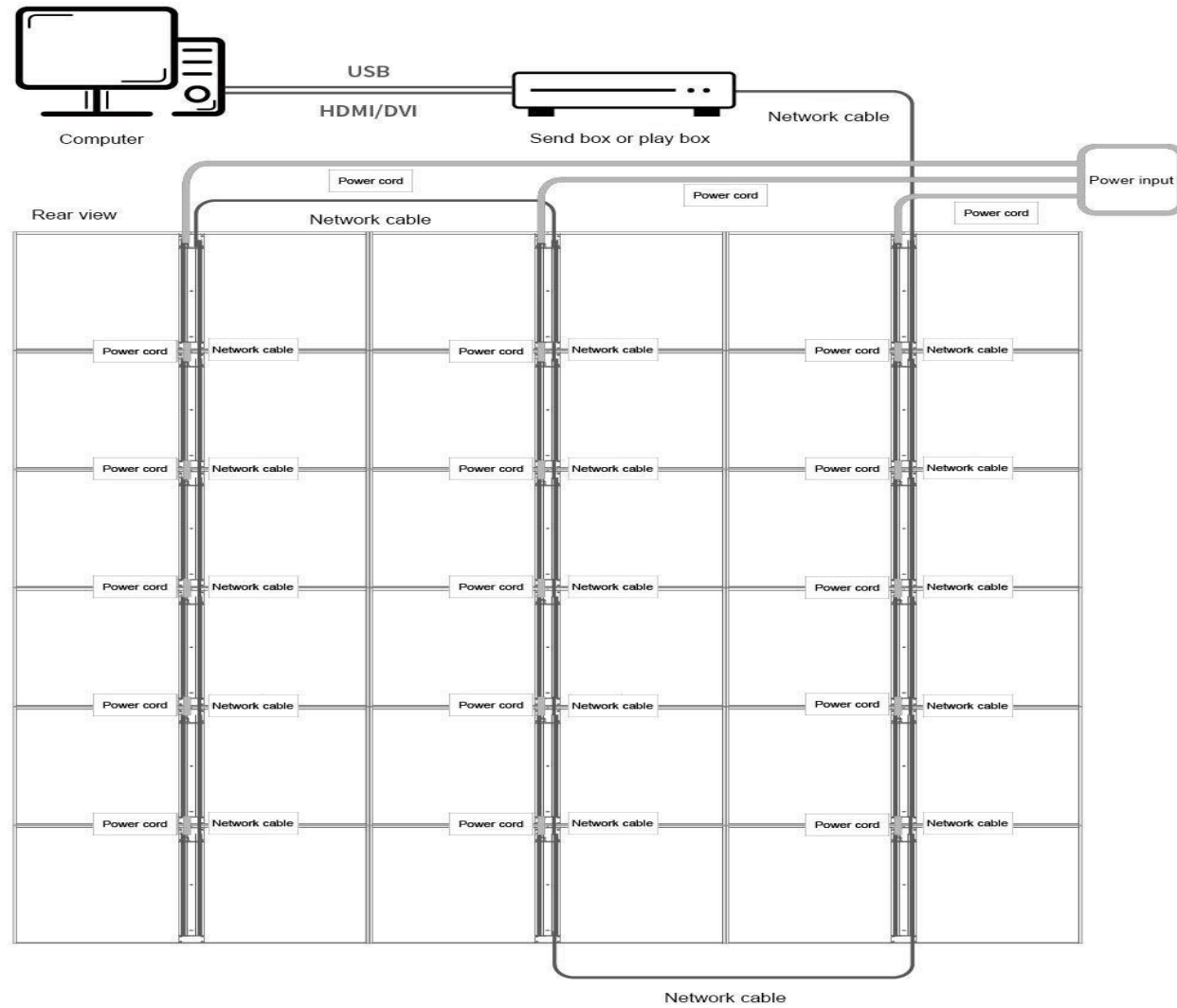


Flame Retardant And UV Resistant



- **Grade V1 flame retardant**
- **UV resistance without yellowing >8 years**

Installation diagram and wiring diagram

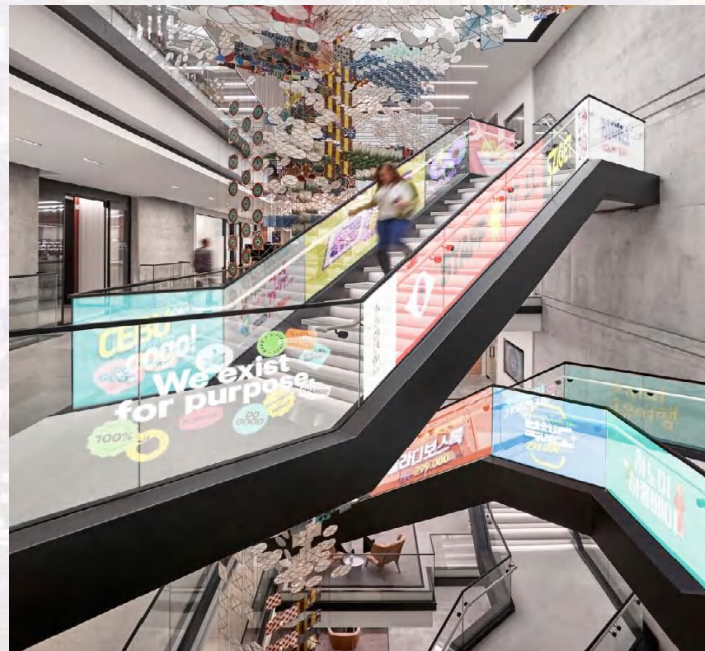
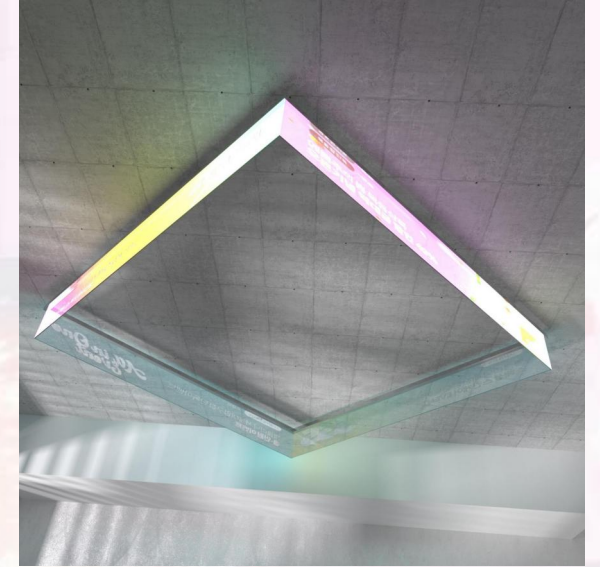


Specification

Pixel Pitch (mm)	4-8	6	8	10
LED Type	SMD2121			
Pixel Density(pixles/m?)	31250	27777	15625	10000
Brightness(cd/m')	3500	3500	4000	4000
Permeability	85%	85%	85%	90%
Refresh Rate (Hz)	≥3840HZ			
Weight (lb/cabinet)	3.5KG			
Cabinet Size(mm)	Customizable			
Module Size(mm)	1000mm*240mm			
Horizontal /Vertical ViewingAngle	≥140°/≥14			
Gray Scale	16			
Protection Level	Ip30			
Colour Temp	3200-8500K			
Input Signal	HDML.DVIVGA.RGBHVComposite,S.VIDEO.YPbPr(HDTV)etc...			
Max Power Consumption(W/m²)	600			
Avg.Power Consumption(W/m²)	200			

Application

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.



Application

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

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.

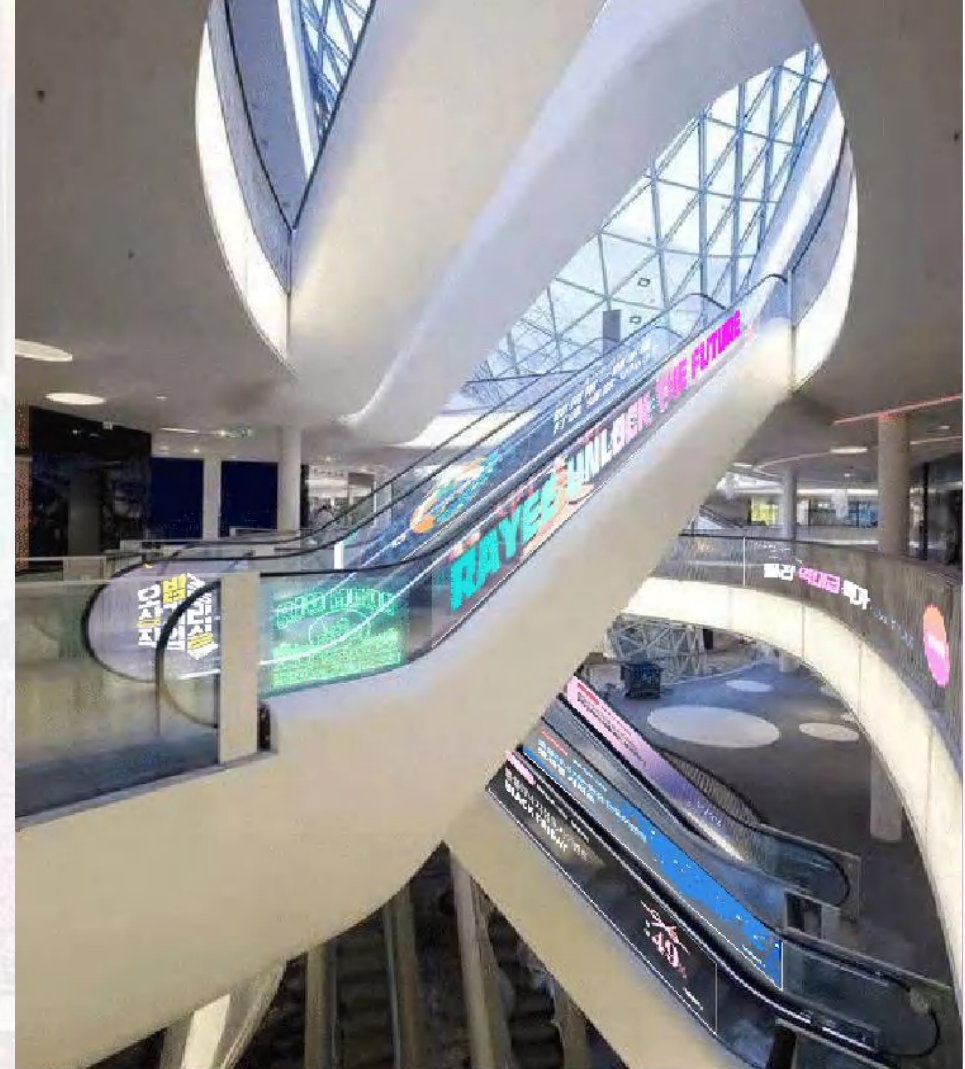


Application

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

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.

