

产 品 说 明 书

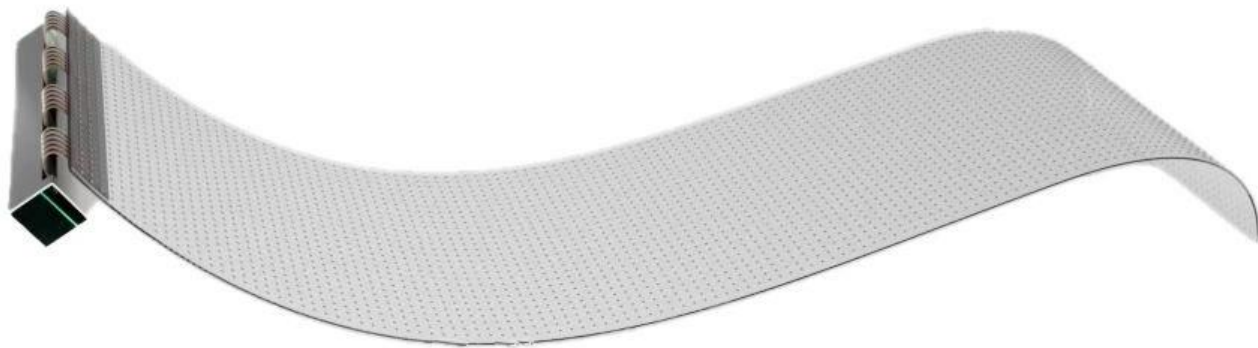
PRODUCT MANUAL

LED 透 明 薄 膜 屏

LED Transparent Film Screen

SF-系列

SF-Series

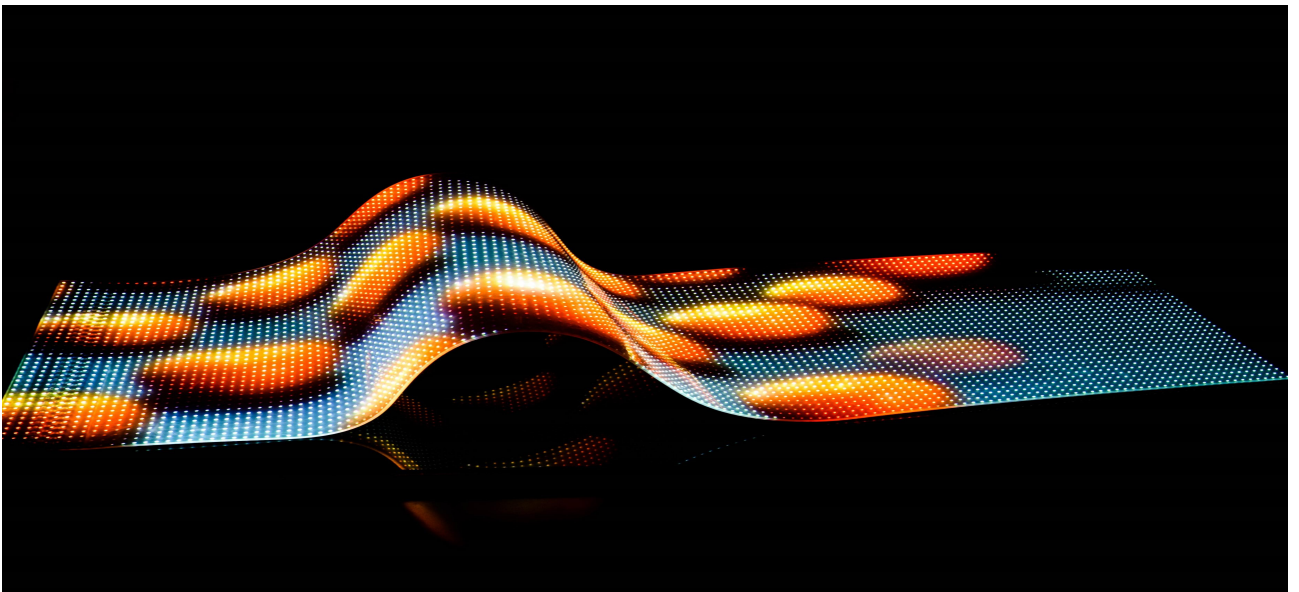


产 品 介 绍

Product Introduction

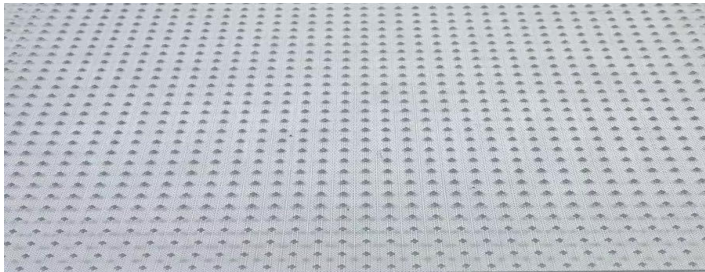
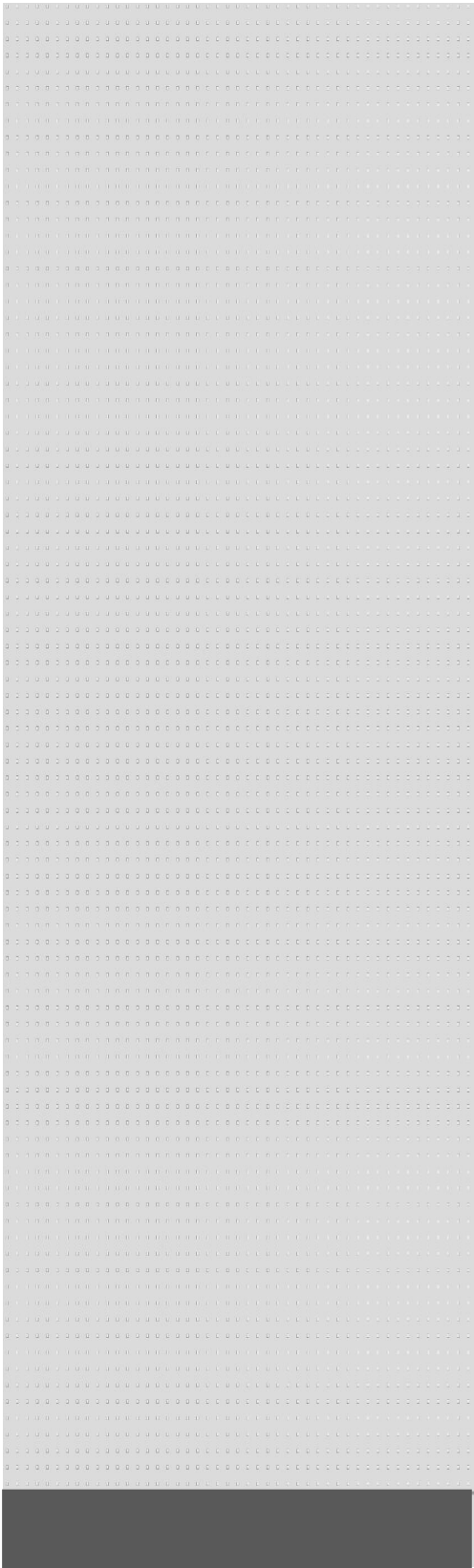
LED透明薄膜屏有着轻、透、柔、薄四大特征，极简安装，无需钢架结构，贴附玻璃表面即可。通透背景显示，时尚、美观，极具现代感。与时下VR、AR、人工智能、元宇宙、科幻、动漫、虚拟现实、电竞等科技元素氛围充分融合。广泛应用于玻璃幕墙（城市大楼、大型商场等）、玻璃橱窗（沿街商铺、汽车4S店、珠宝店等）、玻璃护栏（城市、文旅）、交通枢纽（高铁站、机场、地铁站等）、企业展厅、自动门窗、室内隔断、吊挂条幅等多种场景。

LED Transparent Film Screen With light, transparent, soft, thin four characteristics, minimal installation, no steel frame structure, attached to the glass surface can be. Transparent background display, fashionable, beautiful and very modern. Fully integrated with the atmosphere of current VR, AR, artificial intelligence, meta-universe, sci-fi, animation, virtual reality, e-sports and other technological elements. Widely used in glass curtain walls (city buildings, large shopping malls, etc.), glass windows (shops along the street, car 4S shops, jewellery shops, etc.), glass guardrails (city, culture and tourism), transportation hubs (high-speed rail stations, airports, underground stations, etc.), corporate showrooms, automatic doors and windows, indoor partition, hanging banners and other scenes.

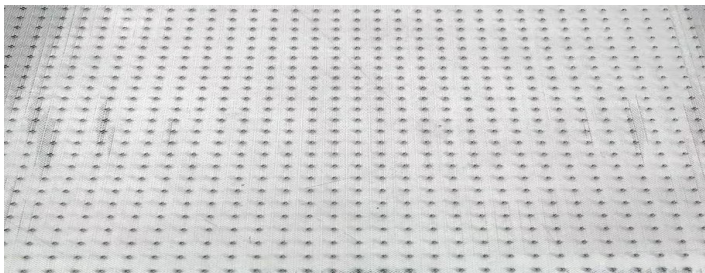


屏体结构

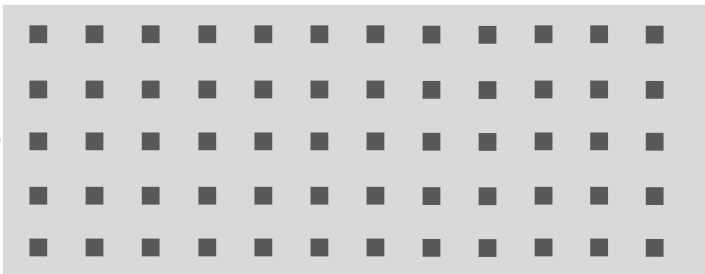
Screen Structure



正面（实拍）
Front view (real shot)



反面（实拍）
Back (real shot)



产品示意图（部分）
Product Schematic Diagram(part)

- LED发光芯片
LED Luminescent Chip
- 高透晶体薄膜
Highly Transparent Crystal Films

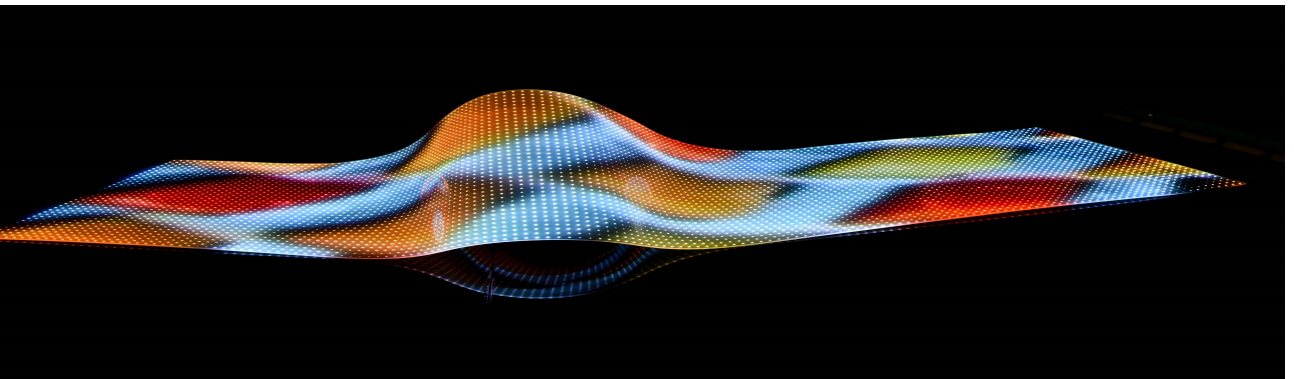
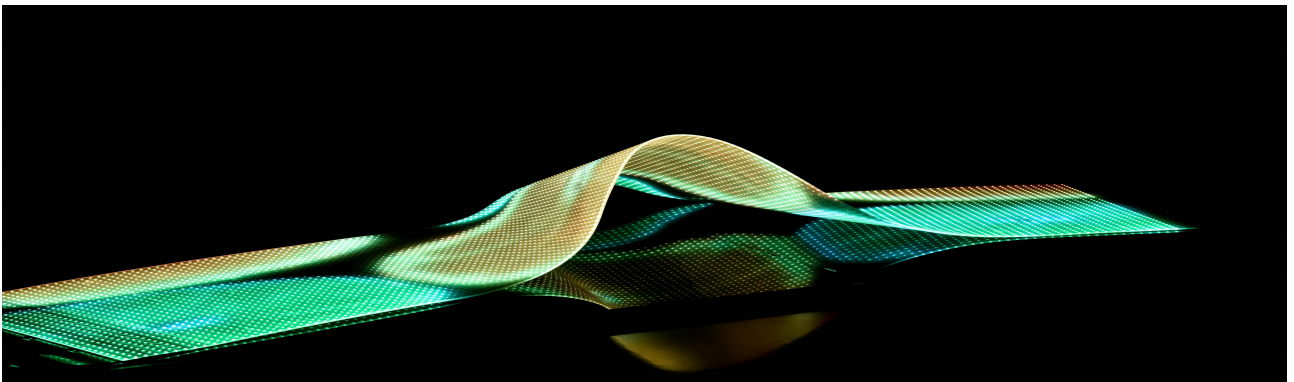
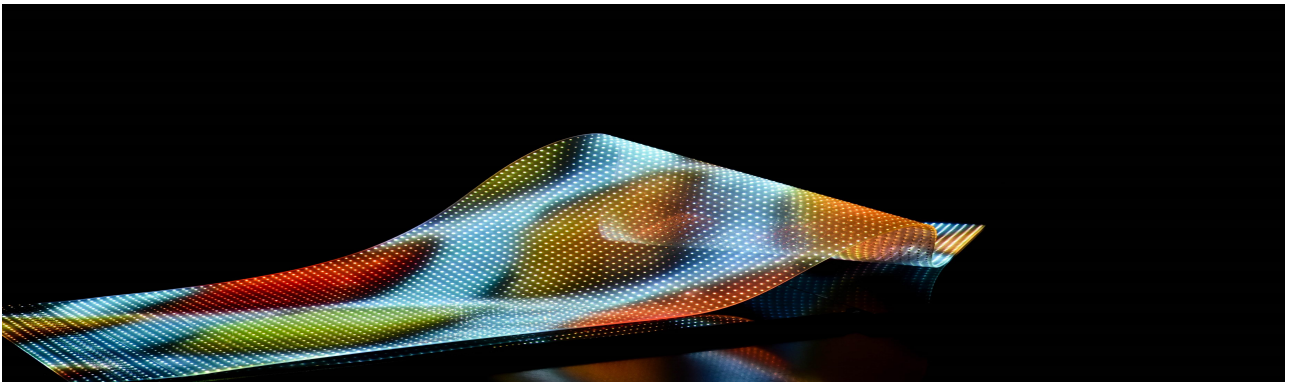
电源盒
Power supply

模组形态

Module Form

采用柔性透明薄膜作为功能载板，LED透明薄膜屏模组满足横向、纵向曲面场景贴装。贴着于玻璃表面，极具隐藏及可透视性，在可透视界面呈现画面同时，最大程度保留原有场景空间视觉效果。

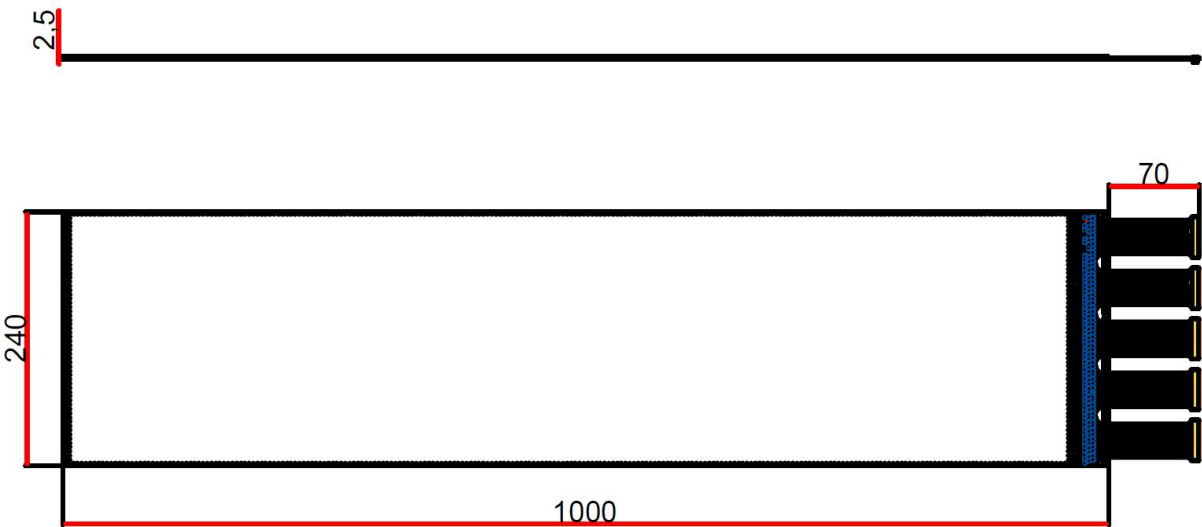
Transparent LED film screen module meets the horizontal and vertical curved scene mounting. Adhered to the glass surface, very hidden and see-through, to maximize the retention of the original scene space visual effect.



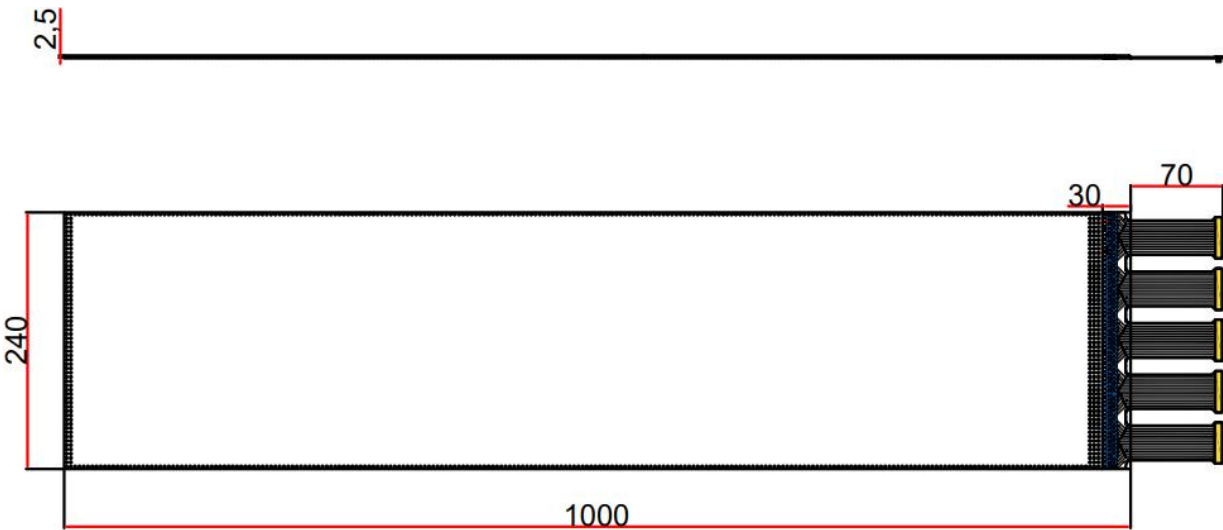
模组外观

Module Exterior

◆ P4-8\P6\P8\P10\20 标准模组外观/Standard Module Exterior :

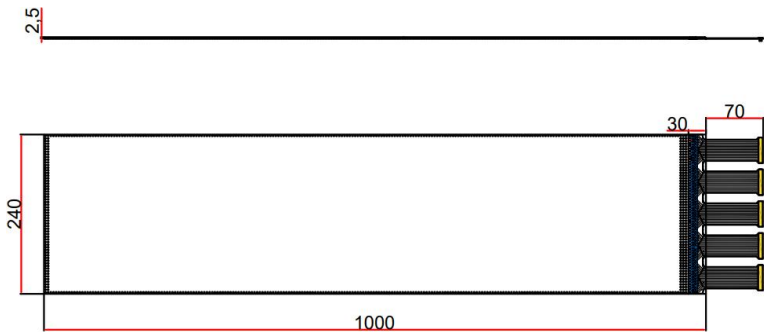


◆ P4/P5 标准模组外观/Standard Module Exterior :



常规产品
Conventional Products

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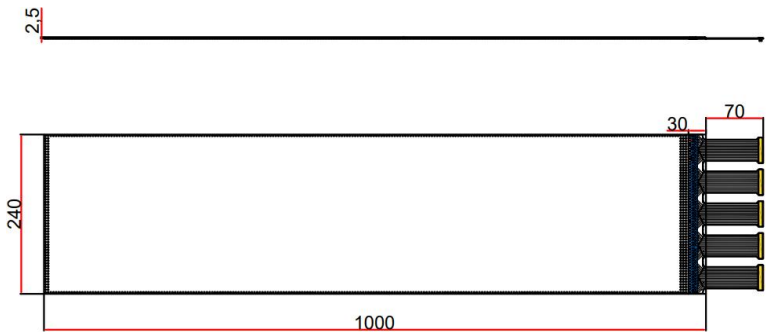


产品参数/Product parameters

模组构成 /Module Composition	LED器件/devices	WE-RGB-IC
	LED封装形式/Package Forms	RGB+IC灯驱合一/integrated LED driver
	像素间距/Pixel Pitch	横向/Horizontal: 4MM, 纵向/vertically: 4MM
	模组尺寸/Module Size (H*W)	240*1000mm (W≤1200mm可定制/customizable)
	模组像素/Module Pixel	60*242
	模组重量/Module Weight	3.5kg/m²
光电参数 /Optical parameters	像素密度/Pixel density	62500 Dots/m²
	单张模组最大功耗/Maximum power consumption per module	150W
	通透率/Transmittance	> 82%
	亮度典型值/Brightness Typical	1500 cd/m²
	视角/Viewing Angle	水平/level: 160±10°, 垂直/perpendicular160±10°
	最佳视距/Optimum Viewing Distance	≥4M
	峰值功耗/Peak Power Consumption	600W/m²
	平均功耗/Average Power Consumption	200W/m²
	供电电压/Supply Voltage	DC5V
处理能力 /processing capability	刷新率/Refresh Rate	≥3840HZ
	换帧频率/Frame rate	60HZ
	驱动方式/Driving method	恒流驱动/constant current driver
	扫描方式/Scanning Method	静态/state of not working
使用参数 /Usage parameters	LED器件工作寿命/devices operating life	≥100000hrs
	工作环境温度/Operating Temperature	-20~+55℃
	存储环境温度/Storage Ambient Temperature	-20~+60℃
	工作湿度范围/Operating Humidity Range (RH)	10%-65%无冷凝/noncondensing
	存储湿度范围/Storage Humidity Range (RH)	10%-65%无冷凝/noncondensing

常规产品
Conventional Products

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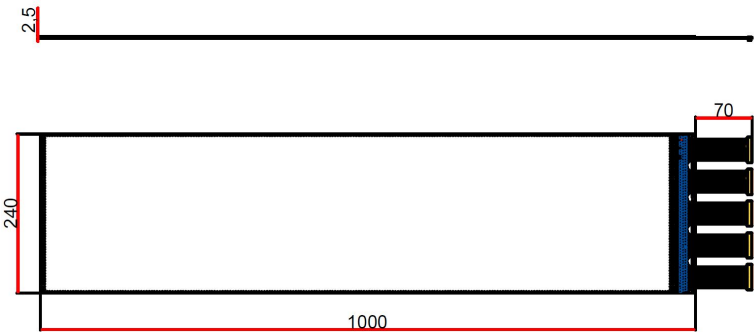


产品参数/Product parameters

模组构成 /Module Composition	LED器件/devices	WE-RGB-IC
	LED封装形式/Package Forms	RGB+IC灯驱合一/integrated LED driver
	像素间距/Pixel Pitch	横向/Horizontal: 5MM, 纵向/vertically: 5MM
	模组尺寸/Module Size (H*W)	240*1000mm (W≤1200mm可定制/customizable)
	模组像素/Module Pixel	48*194
	模组重量/Module Weight	3.5kg/m²
光电参数 /Optical parameters	像素密度/Pixel density	40000 Dots/m²
	单张模组最大功耗/Maximum power consumption per module	150W
	通透率/Transmittance	> 83%
	亮度典型值/Brightness Typical	1500 cd/m²
	视角/Viewing Angle	水平/level: 160±10°, 垂直/perpendicular160±10°
	最佳视距/Optimum Viewing Distance	≥5M
	峰值功耗/Peak Power Consumption	600W/m²
	平均功耗/Average Power Consumption	200W/m²
	供电电压/Supply Voltage	DC5V
处理能力 /processing capability	刷新率/Refresh Rate	≥3840HZ
	换帧频率/Frame rate	60HZ
	驱动方式/Driving method	恒流驱动/constant current driver
	扫描方式/Scanning Method	静态/state of not working
使用参数 /Usage parameters	LED器件工作寿命/devices operating life	≥100000hrs
	工作环境温度/Operating Temperature	-20~+55℃
	存储环境温度/Storage Ambient Temperature	-20~+60℃
	工作湿度范围/Operating Humidity Range (RH)	10%-65%无冷凝/noncondensing
	存储湿度范围/Storage Humidity Range (RH)	10%-65%无冷凝/noncondensing

常规产品
Conventional Products

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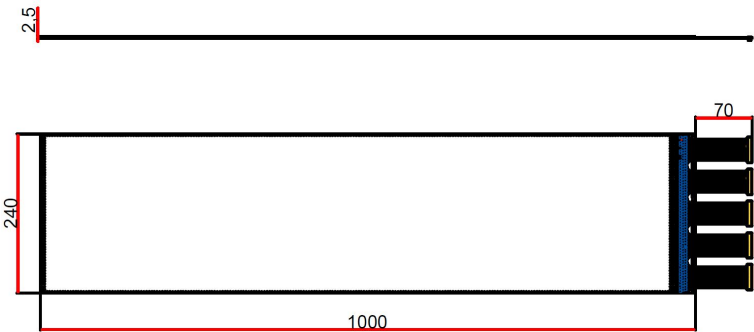


产品参数/Product parameters

模组构成 /Module Composition	LED器件/devices	WE-RGB-IC
	LED封装形式/Package Forms	RGB+IC灯驱合一/integrated LED driver
	像素间距/Pixel Pitch	横向/Horizontal: 4MM, 纵向/vertically: 8MM
	模组尺寸/Module Size (H*W)	240*1000mm (W≤1200mm可定制/customizable)
	模组像素/Module Pixel	30*250
	模组重量/Module Weight	3.5kg/m²
光电参数 /Optical parameters	像素密度/Pixel density	31125 Dots/m²
	单张模组最大功耗/Maximum power consumption per module	150W
	通透率/Transmittance	> 84%
	亮度典型值/Brightness Typical	1500 cd/m²
	视角/Viewing Angle	水平/level: 160±10°, 垂直/perpendicular160±10°
	最佳视距/Optimum Viewing Distance	≥4M
	峰值功耗/Peak Power Consumption	600W/m²
	平均功耗/Average Power Consumption	200W/m²
	供电电压/Supply Voltage	DC5V
处理能力 /processing capability	刷新率/Refresh Rate	≥3840HZ
	换帧频率/Frame rate	60HZ
	驱动方式/Driving method	恒流驱动/constant current driver
	扫描方式/Scanning Method	静态/state of not working
使用参数 /Usage parameters	LED器件工作寿命/devices operating life	≥100000hrs
	工作环境温度/Operating Temperature	-20~+55℃
	存储环境温度/Storage Ambient Temperature	-20~+60℃
	工作湿度范围/Operating Humidity Range (RH)	10%-65%无冷凝/noncondensing
	存储湿度范围/Storage Humidity Range (RH)	10%-65%无冷凝/noncondensing

常规产品
Conventional Products

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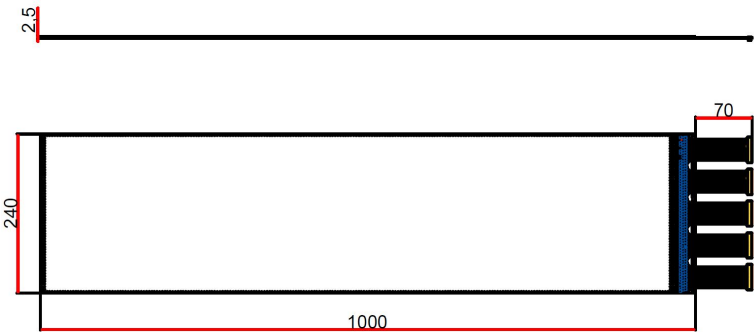


产品参数/Product parameters

模组构成 /Module Composition	LED器件/devices	WE-RGB-IC
	LED封装形式/Package Forms	RGB+IC灯驱合一/integrated LED driver
	像素间距/Pixel Pitch	横向/Horizontal: 6MM, 纵向/vertically: 6MM
	模组尺寸/Module Size (H*W)	240*1000mm (W≤1500mm可定制/customizable)
	模组像素/Module Pixel	40*166
	模组重量/Module Weight	3.5kg/m²
光电参数 /Optical parameters	像素密度/Pixel density	27778 Dots/m²
	单张模组最大功耗/Maximum power consumption per module	150W
	通透率/Transmittance	> 85%
	亮度典型值/Brightness Typical	3000 cd/m²
	视角/Viewing Angle	水平/level: 160±10°, 垂直/perpendicular160±10°
	最佳视距/Optimum Viewing Distance	≥6M
	峰值功耗/Peak Power Consumption	600W/m²
	平均功耗/Average Power Consumption	200W/m²
	供电电压/Supply Voltage	DC5V
处理能力 /processing capability	刷新率/Refresh Rate	≥3840HZ
	换帧频率/Frame rate	60HZ
	驱动方式/Driving method	恒流驱动/constant current driver
	扫描方式/Scanning Method	静态/state of not working
使用参数 /Usage parameters	LED器件工作寿命/devices operating life	≥100000hrs
	工作环境温度/Operating Temperature	-20~+55℃
	存储环境温度/Storage Ambient Temperature	-20~+60℃
	工作湿度范围/Operating Humidity Range (RH)	10%-65%无冷凝/noncondensing
	存储湿度范围/Storage Humidity Range (RH)	10%-65%无冷凝/noncondensing

常规产品
Conventional Products

9616F6-P8

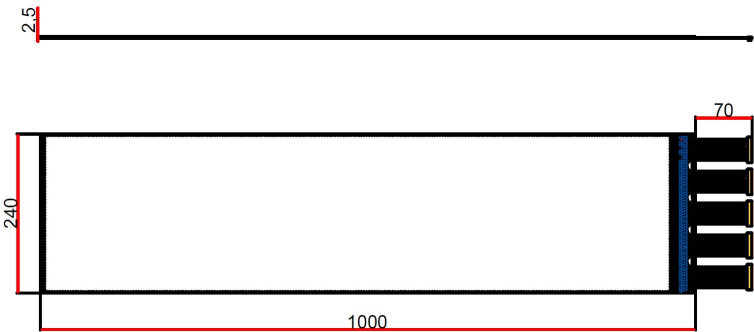


产品参数/Product parameters

模组构成 /Module Composition	LED器件/devices	WE-RGB-IC
	LED封装形式/Package Forms	RGB+IC灯驱合一/integrated LED driver
	像素间距/Pixel Pitch	横向/Horizontal: 8MM, 纵向/vertically: 8MM
	模组尺寸/Module Size (H*W)	240*1000mm (W≤1500mm可定制/customizable)
	模组像素/Module Pixel	30*125
	模组重量/Module Weight	3.5kg/m²
光电参数 /Optical parameters	像素密度/Pixel density	15625 Dots/m²
	单张模组最大功耗/Maximum power consumption per module	150W
	通透率/Transmittance	> 87%
	亮度典型值/Brightness Typical	2500 cd/m²
	视角/Viewing Angle	水平/level: 160±10°, 垂直/perpendicular160±10°
	最佳视距/Optimum Viewing Distance	≥8M
	峰值功耗/Peak Power Consumption	600W/m²
	平均功耗/Average Power Consumption	200W/m²
	供电电压/Supply Voltage	DC5V
处理能力 /processing capability	刷新率/Refresh Rate	≥3840HZ
	换帧频率/Frame rate	60HZ
	驱动方式/Driving method	恒流驱动/constant current driver
	扫描方式/Scanning Method	静态/state of not working
使用参数 /Usage parameters	LED器件工作寿命/devices operating life	≥100000hrs
	工作环境温度/Operating Temperature	-20~+55℃
	存储环境温度/Storage Ambient Temperature	-20~+60℃
	工作湿度范围/Operating Humidity Range (RH)	10%-65%无冷凝/noncondensing
	存储湿度范围/Storage Humidity Range (RH)	10%-65%无冷凝/noncondensing

常规产品
Conventional Products

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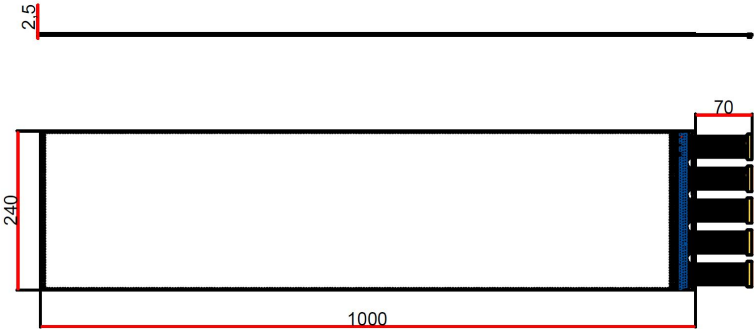


产品参数/Product parameters

模组构成 /Module Composition	LED器件/devices	WE-RGB-IC
	LED封装形式/Package Forms	RGB+IC灯驱合一/integrated LED driver
	像素间距/Pixel Pitch	横向/Horizontal: 10MM, 纵向/vertically: 10MM
	模组尺寸/Module Size (H*W)	240*1000mm (W≤1500mm可定制/customizable)
	模组像素/Module Pixel	24*100
	模组重量/Module Weight	3.5kg/m²
光电参数 /Optical parameters	像素密度/Pixel density	10000 Dots/m²
	单张模组最大功耗/Maximum power consumption per module	150W
	通透率/Transmittance	> 90%
	亮度典型值/Brightness Typical	2000 cd/m²
	视角/Viewing Angle	水平/level: 160±10°, 垂直/perpendicular160±10°
	最佳视距/Optimum Viewing Distance	≥10M
	峰值功耗/Peak Power Consumption	600W/m²
	平均功耗/Average Power Consumption	200W/m²
	供电电压/Supply Voltage	DC5V
处理能力 /processing capability	刷新率/Refresh Rate	≥3840HZ
	换帧频率/Frame rate	60HZ
	驱动方式/Driving method	恒流驱动/constant current driver
	扫描方式/Scanning Method	静态/state of not working
使用参数 /Usage parameters	LED器件工作寿命/devices operating life	≥100000hrs
	工作环境温度/Operating Temperature	-20~+55℃
	存储环境温度/Storage Ambient Temperature	-20~+60℃
	工作湿度范围/Operating Humidity Range (RH)	10%-65%无冷凝/noncondensing
	存储湿度范围/Storage Humidity Range (RH)	10%-65%无冷凝/noncondensing

常规产品
Conventional Products

9616F6-P20

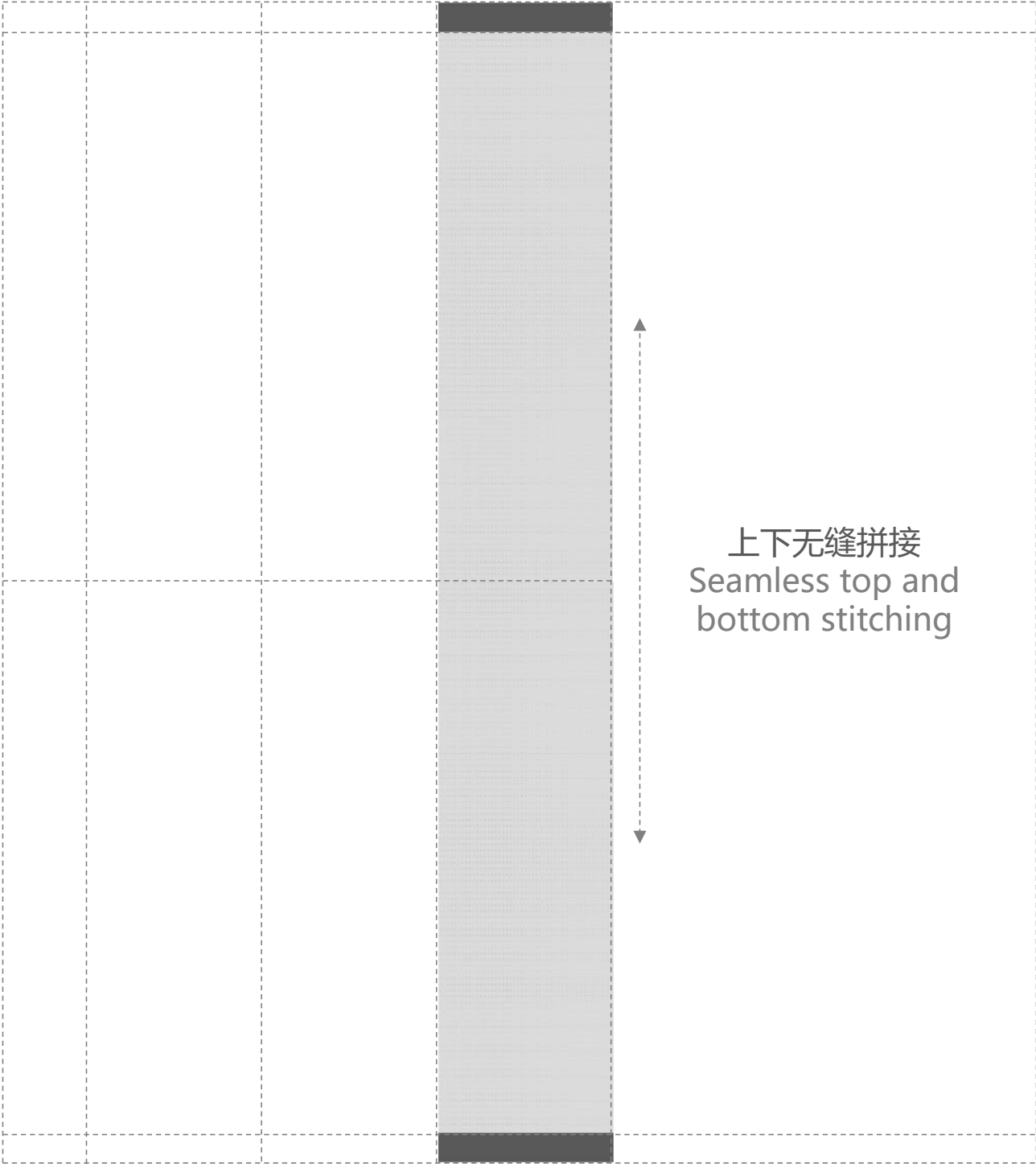


产品参数/Product parameters

模组构成 /Module Composition	LED器件/devices	WE-RGB-IC
	LED封装形式/Package Forms	RGB+IC灯驱合一/integrated LED driver
	像素间距/Pixel Pitch	横向/Horizontal: 20MM, 纵向/vertically: 20MM
	模组尺寸/Module Size (H*W)	240*1000mm (W≤1500mm可定制/customizable)
	模组像素/Module Pixel	12*50
	模组重量/Module Weight	3.5kg/m²
光电参数 /Optical parameters	像素密度/Pixel density	2500 Dots/m²
	单张模组最大功耗/Maximum power consumption per module	150W
	通透率/Transmittance	> 95%
	亮度典型值/Brightness Typical	1500 cd/m²
	视角/Viewing Angle	水平/level: 160±10°, 垂直/perpendicular160±10°
	最佳视距/Optimum Viewing Distance	≥20M
	峰值功耗/Peak Power Consumption	600W/m²
	平均功耗/Average Power Consumption	200W/m²
处理能力 /processing capability	供电电压/Supply Voltage	DC5V
	刷新率/Refresh Rate	≥3840HZ
	换帧频率/Frame rate	60HZ
	驱动方式/Driving method	恒流驱动/constant current driver
使用参数 /Usage parameters	扫描方式/Scanning Method	静态/state of not working
	LED器件工作寿命/devices operating life	≥100000hrs
	工作环境温度/Operating Temperature	-20~+55℃
	存储环境温度/Storage Ambient Temperature	-20~+60℃
	工作湿度范围/Operating Humidity Range (RH)	10%-65%无冷凝/noncondensing
	存储湿度范围/Storage Humidity Range (RH)	10%-65%无冷凝/noncondensing

模组拼接方式

Module Splicing Method



上下无缝拼接
Seamless top and
bottom stitching

左右无限拓展
Unlimited expansion
on both sides

应用场景

Application Scenarios

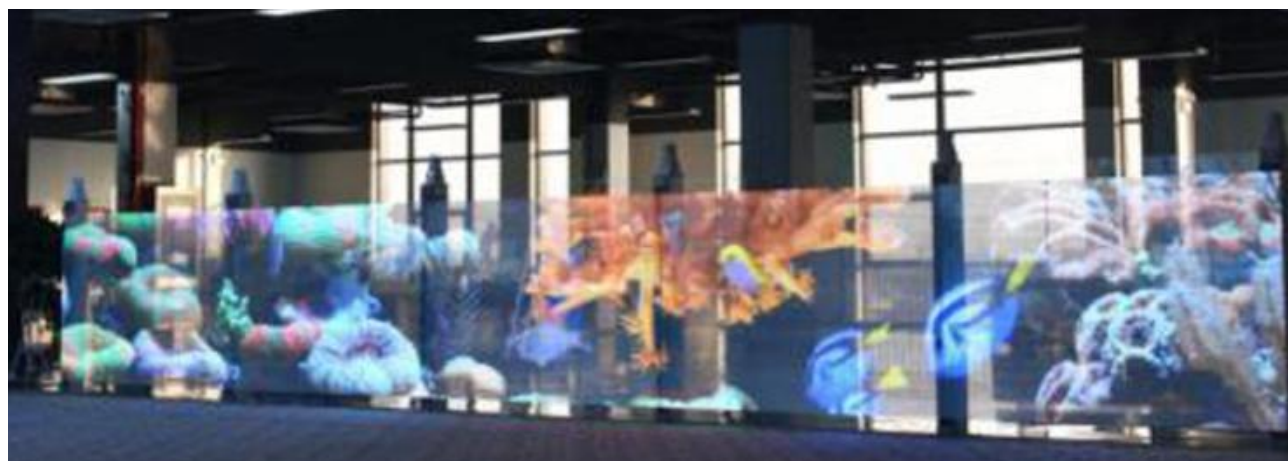


商业橱窗

commercial
window display

服装、餐饮、通讯、家电等专卖店、加盟店、连锁店玻璃橱窗应用。

Clothing, catering, communications, home appliances and other specialty shops, franchises, chain shops glass window applications.



商业护栏

Commercial
fencing

购物中心、商贸城、电子城、娱乐城、商务中心 etc 中高层大厦走廊玻璃护栏应用。

Shopping centre, trade city, electronic city, entertainment district, business centre and other medium and high-rise building corridor glass guardrail application.

应用场景

Application Scenarios

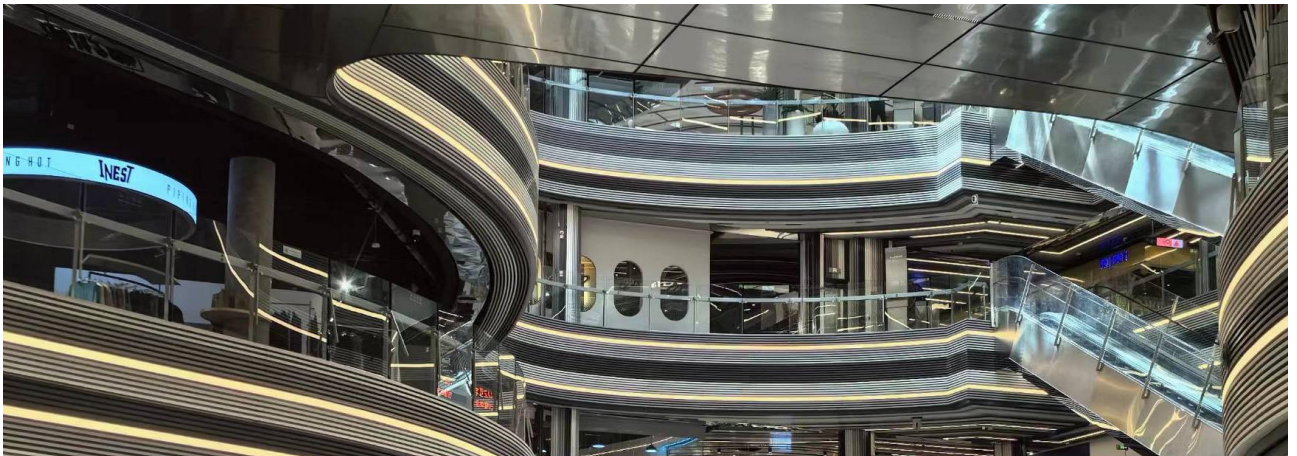


商业门户

Business
Gateway

酒店、宾馆、写字楼、车站、机场等大堂迎宾门户
自动玻璃门窗应用。

Hotels, hotels, office buildings, stations,
airports and other lobby welcoming portal
automatic glass doors and windows
applications.



商业电梯

Commercial
lifts

商贸中心、娱乐城、酒店宾馆、机场车站等手扶梯、
人行梯、通道梯、观光梯玻璃护栏应用。

Business center, casino, hotel, airport station
and other escalators, pedestrian ladder, access
ladder, sightseeing ladder glass guardrail
applications.

应用场景

Application Scenarios



玻璃幕墙

glass curtain wall

购物中心、娱乐中心、商务中心、酒店宾馆等中高层大厦外玻璃墙体应用。

Shopping centers, entertainment centers, business centers, hotels and other medium and high-rise buildings outside the glass wall applications.



室内隔断

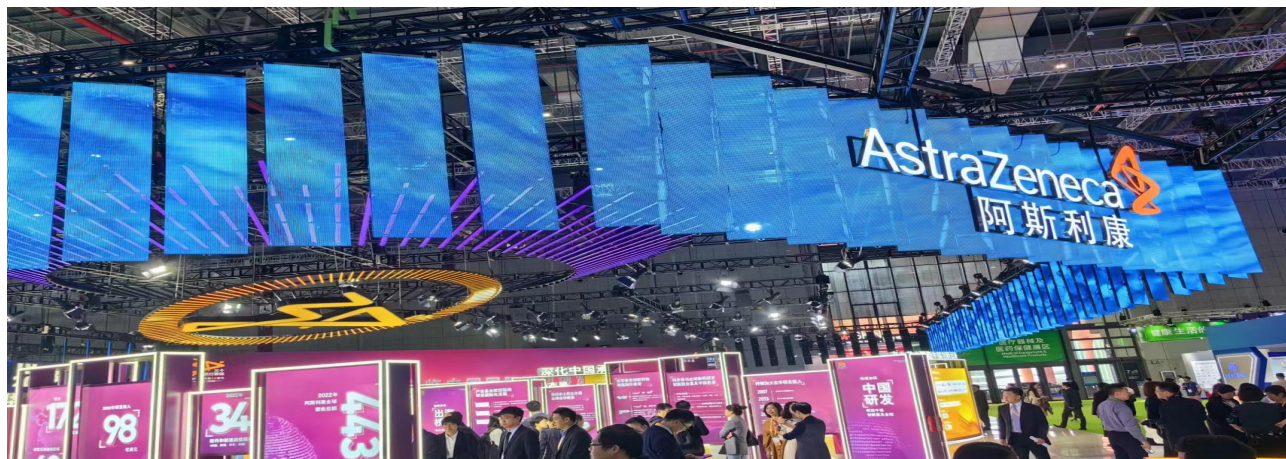
Interior partitions

企业、4S店、专卖店、加盟店、连锁店、会展中心等玻璃隔墙应用。

Enterprises, 4S shops, boutiques, franchises, chain shops, exhibition centres and other glass partition wall applications.

应用场景

Application Scenarios



展览展示

Exhibition

商业展会、精品发布会、产品促销会、汽车展销会、招商路演会、房地产开盘会等临时宣传应用。

Commercial exhibitions, boutique conferences, product promotions, car shows, investment roadshows, real estate openings and other temporary promotional applications.



场景吊装

Scenarios
Hoisting

会展中心、精品发布、产品促销、汽车展销、招商路演、房产开盘等天花垂吊应用。

Convention and exhibition centers, boutique releases, product promotions, car shows, investment roadshows, real estate openings and other ceiling hanging applications.