



SPFE SERIES OUTDOOR LED DISPLAY

Specifically engineered for stadium environments, the SPFE Series LED solutions offer versatile applications. Fully compliant with UEFA technical specifications, they are ideal for use as perimeter displays. The 8:9 cabinet option also makes them perfect for ribbon and scoreboard displays. These ultra-reliable modules deliver high brightness and energy-efficient performance, featuring IP66 protection on both the front and rear sides. With a high color depth and refresh rate, the SPFE Series ensures outstanding image quality and a seamless live viewing experience.

Highlights



Dual-Side Access with Safety Door

The SPFE Series supports both front and rear maintenance, offering exceptional installation flexibility and efficient servicing. Specially designed for perimeter displays, the 16:9 cabinet can be rotated to create an emergency safety door.



Anti-collision Design

The display incorporates a reinforced face shield with a cushioning effect to protect the LED modules from frontal impacts, ensuring reliable panel protection. Its impact-resistant top cover improves reliability further.



Vibrant True-to-life Colors

Precise color reproduction elevates on-site audience engagement while driving higher commercial advertising revenue.



Low Power Consumption

The display's extremely low power consumption, which has decreased by 30% compared with the conventional outdoor LED displays, slashes operational costs.



Versatile Outdoor Deployment

Flexible application with multiple sizes and configurations available, suitable for stadium perimeter fencing, scoreboards, and ribbon displays.



IP66 Display Reliability

The display blocks sand, dust and floating particles completely, resists extreme weather conditions such as torrential rain and ensures reliable 24/7 operation while significantly reducing maintenance costs.



Specifications

SPFE Series

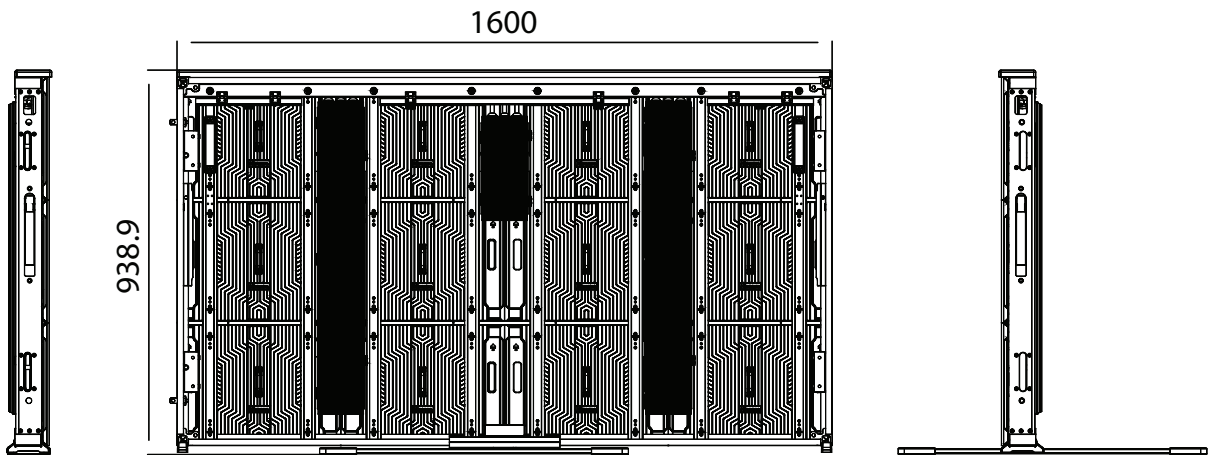
Model	SP066FE	SP083FE	SP100FE
Pixel Pitch	6.67 mm	8.33 mm	10 mm
Pixel Configuration	SMD		
Module Resolution (W x H)	60 x 45	48 x 36	40 x 30
Module Dimension (W x H)	400 x 300 mm		
No. of Modules per Cabinet (W x H)	4 x 3 / 2 x 3		
Cabinet Resolution (W x H)	240 x 135	192 x 108	160 x 90
Cabinet Dimension (W x H x D)	1,600 x 900 x 90 mm / 62.99 x 35.43 x 3.54 inch 800 x 900 x 90 mm / 31.50 x 35.43 x 3.54 inch		
Cabinet Weight	51.5 kg / 113.54 lbs 25 kg / 55.12 lbs		
Cabinet materials	Profile Aluminum		
Brightness (typ.)	8,000 nits		
Contrast Ratio	8,000:1		
Visual Viewing Angle (H x V)	160° x 120°	160° x 110°	160° x 110°
Bit Depth	14 bit		
Color Temperature	6,500 ± 500K		
Max Power Consumption ¹	580 W/m ² @8,000 nits 440 W/m ² @6,000 nits		
Avg Power Consumption	175 W/m ²		
Power Supply	100~240 V AC		
Refresh Rate	3,840 (7,680 Customizable)		
Operating Temp / Humidity	-40~55 °C / 10~90% RH		
Storage Temp / Humidity	-40~60 °C / 10~80% RH		
IP Rating	Front IP66 & Rear IP66		
Lifetime	100,000 Hrs		
Certification	CE, CB, FCC, cTUVus		
Maintenance	Front and Rear Access		

1. Power may vary within ±5% depending on the brightness of different lamp batches; Subject to actual conditions.

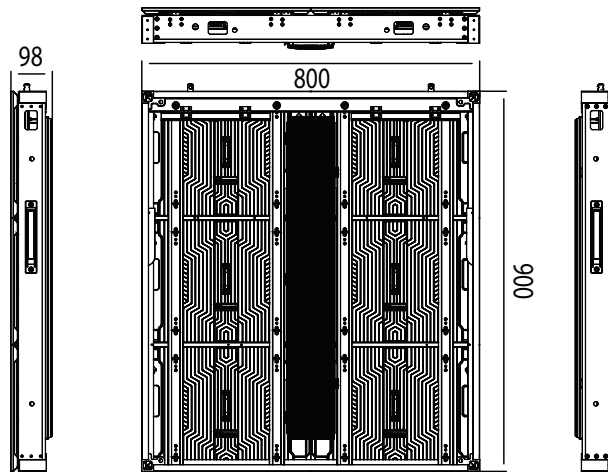
* According to the current Hisense test environment

** Product specifications may vary per region, and specifications are subject to change. This material may include corporate names and trademarks of third parties which are the properties of the third parties respectively.

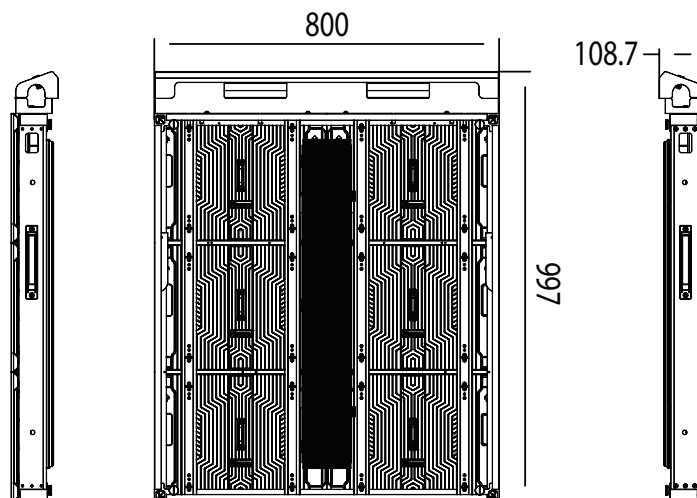
Display Dimensions



Perimeter Display



Scoreboards Display



Ribbon Display

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