



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

SP083FE

Physical

Pixel Pitch	8.33 mm
Pixel Configuration	SMD
Module Resolution (W x H)	48 x 36
Module Dimension (W x H)	400 x 300 mm
Cabinet Resolution (W x H)	192 x 108
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
No. of Modules per Cabinet (W x H)	4 x 3 2 x 3
Cabinet Weight	51.5 kg / 113.54 lbs 25 kg / 55.12 lbs
Cabinet Materials	Profile Aluminium

Optical

Brightness (Typ.)	8,000 nits
Contrast Ratio	8,000 : 1 (According to the Hisense current test environment)
Visual Viewing Angle (H x V)	160° x 90°
Bit Depth	14 bit
Color Temperature	6,500K ± 500K

Electrical

Max Power Consumption per Unit Area	*580 W/m²@8,000 nits *440 W/m²@6,000 nits
Avg Power Consumption per Unit Area	*175 W/m²
Power Supply	100~240 V AC
Refresh Rate	3,840 (7,680 Customizable)

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

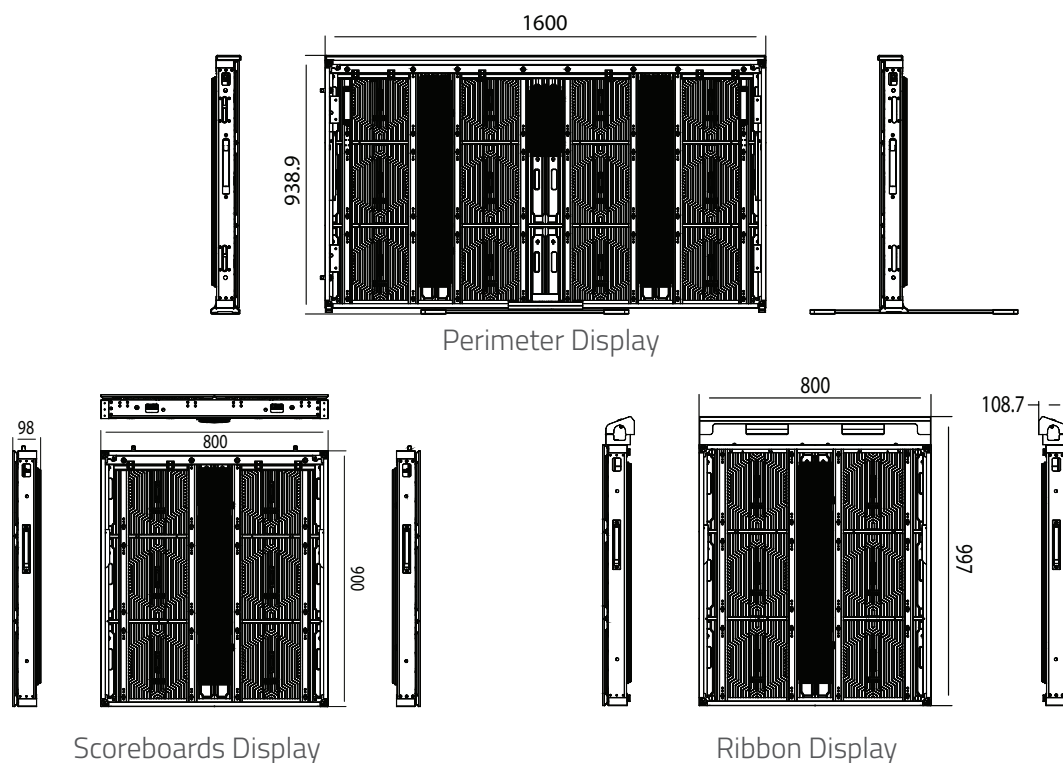
Operational

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 and Service

Certification	CE, CB, FCC, cTUVus
Maintenance	Front and Rear Access

Display Dimensions



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