



Planar LSOS-H Series Perimeter LED Screen Outdoor LED UEFA Standards

LSOS-H series designed for stadiums and sport events

- *Cabinet size: 1600 x 900mm*
- *High contrast ratio, High refresh rate, no ghosting*
- *High temperature resistance <60°C Max*
- *Anti-corrosion cushion rubber on top*
- *Soft mask protects players & LED lamps with wider viewing angle*
- *Perfect alignment no gaps with fast lock*
- *Customized mechanical system for exit passageway*
- *Sealed aluminum module design, higher IP level*
- *Max brightness reach 10,000cd/sqm is supported*
- *Energy saving design-Common Cathode Chips IC*
- *Cabinet is Perpendicular to the ground*
- *Customized W*H 640x960mm cabinet is available*

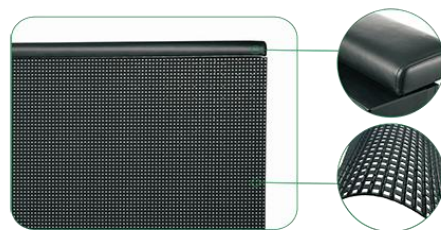


The **LSOS-H Series** is a high-brightness, high-refresh perimeter LED panel specifically engineered for professional football stadiums and multi-sport arenas.

Designed to meet **UEFA standards**, it combines impact resistance, wide-angle visibility, and seamless mechanical alignment for dynamic advertising and real-time fan engagement.



Rubber mask that protects LED lamps from striking by ball or player

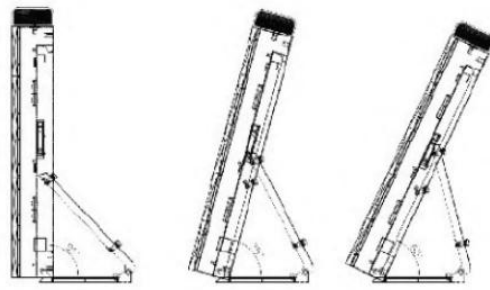


160° Viewing angle

Customized mask design provided the wider viewing angle

Epistar lamps provide wider viewing angle both vertically and horizontally.





Adjustable angle form 60 -90 degree

Specifications

| Model | LSOS6-H | LSOS8-H | LSOS10-H |
|---|----------------------|----------------------------|----------------------|
| Pixel Configuration | SMD 3 in 1 LED 2727 | SMD 3 in 1 LED 2727 | SMD 3 in 1 LED 2727 |
| Pixel Pitch (mm) | 6.25 | 8.33 | 10 |
| Module size(mm) (W×H×D) | 400x300 x20mm | 400x300 x20mm | 400x300 x20mm |
| Module resolution (W×H) | 64*48 | 48*36 | 40*30 |
| Cabinet Size W×H×D mm | 1600 X 900 X 102 | 1600 X 900 X 102 | 1600 X 900 X 102 |
| Cabinet resolution | 256X 144 | 192 X 108 | 160 X 90 |
| Weight /cabinet) | 55 | 55 | 55 |
| Processing | 14-16 bit | 14-16 bit | 14-16 bit |
| Drive method | 1/6 scan | 1/3 scan | 1/2 scan |
| White Balance Brightness (nits) | 6000 - 10,000 | 6000 - 10,000 | 6000 - 10,000 |
| Viewing Angle/V) | (160 deg/140 deg) | (160 deg/140 deg) | (160 deg/140 deg) |
| Contrast Ratio | >6000:1 | >6000:1 | >6000:1 |
| Max Power Consumption/m ²) | 580W | 580W | 580W |
| Avg Power Consumption (W/m ²) | 190W | 190W | 190W |
| Power Supply | AC100~240V (50/60Hz) | AC100~240V (50/60Hz) | AC100~240V (50/60Hz) |
| Refresh Rate (Hz) | >3840 | >3840 | >3840 |
| IP Rating | IP69K/IP65 | IP69K/IP65 | IP69K/IP65 |
| Lifetime (hrs) | 100,000 | 100,000 | 100,000 |
| Operation Temperature Range (°C) | -20 -- 60 | -20 -- 60 | -20 -- 60 |
| Operation Humidity Range (RH) | 10 -- 95% | 10 -- 95% | 10 -- 95% |
| Mask design | Soft | Soft | Soft |
| Emergency exit | Customized available | Customized available | Customized available |
| Certificate | CE CB ETL FCC | CE CB ETL FCC | CE CB ETL FCC |