

## 55" FHD Open Cell Outdoor Panel

### LSI550HF01

LSI550HF01 is composed of amorphous silicon TFT LCD panel, a driver circuit, and an Ass'y KIT of source PBA. This premium 55" FHD panel delivers professional-grade, crisp image quality and true, deep black hues for vivid expression and unmatched visibility even under the brightest lighting conditions in any outdoor and semi-outdoor applications.

To find a distributor or request a sample please [Contact Us](#)



## High definition for outdoors

### Outstanding image and innovative technology

- Enhanced contrast ratio (5,000:1) provides razor sharp images and easy readability
- Specialized optical film reduces light scatter and improves picture quality in all lighting environments
- Exclusive quarter wavelength plate (QWP) provides seamless content visibility even while wearing polarized sunglasses
- Wide viewing angle enhances ability to capture attention of a wider audience and saves installation cost
- High frame rate ensures easy readability of moving text, enhancing the audience engagement

### Reliable performance and rugged build

- Designed for 24/7 superior durability in all weather conditions
- Built to impress even in brightest of sunlight without any “black-out” due to specialized high temperature (110°C) TNi liquid crystal

- Increased dependability with 45,000 hours of black mura free performance guarantee
- Industry leading widest operating temperature range ensures worry-free installations
- Energy efficient LED design for low maintenance cost and higher ROI
- Eco-friendly design certified by RoHS

## Features:



### Optical

- Full HD (1,920 x 1,080) resolution (16:9)
- High contrast ratio (5,000:1)
- High aperture ratio and wide color gamut coverage (NTSC 72%)
- Wide viewing angle (178°)
- Glare polarizer (0% haze) with QWP
- Fast response time: gray-to-gray (G-to-G) 6 ms
- Super Patterned Vertical Align (SVA) mode
- High frame rate-120 Hz



### Design

- Landscape and portrait orientation compatible



### Reliability

- High Tni (110°C) liquid crystal
- Black mura prevention technology
- Heat, moisture and dust resistant



### Electrical

- LVDS (Low Voltage Differential Signaling) Interface
- Data Enable (DE) mode



### Warranty

- 24/7 operation for 24 months



### Certifications

- RoHS compliant (Pb-free)
- UL/CB

## Specifications:

Panel Type	55" FHD	Native Resolution	1,920 X 1,080 (FHD)
Viewing Angle	178°	Response Time (G-to-G)	6 ms
Outline Dimensions (W/H/D)	1,219.6 x 692.9 x 1.8 mm	Aspect ratio	16:9
Contrast Ratio	5,000:1	Color Gamut	NTSC 72%
Orientation	Landscape/Portrait	Operation time	24 hr

