



END OF LIFE

46" FHD 5,000 nit Professional Outdoor Panel

LTI460HZ01

LTI460HZ01 is a color active matrix liquid crystal display composed of a TFT LCD panel, a driver circuit, and a backlight unit. This premium 46" ultra-bright 5,000 nit panel is built using the newest technology. It 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](#)



The highest brightness in industry

Outstanding image and innovative technology

- Extremely-bright, best-in-class, 5,000 nit panel delivers clear and crisp image even in bright daylight
- Brightness control feature allows for optimized display performance and reduced operational cost
- Enhanced contrast ratio (4,000:1) provides razor sharp images and easy readability
- Specialized optical film reduces light scatter and improves screen readability 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

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**

- Ultra-high brightness panel (5,000 nit)
- Full HD (1,920 x 1,080) resolution (16:9)
- High contrast ratio (4,000:1)
- 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) 8 ms
- Super Vertical Alignment (SVA) mode

✘ Reliability

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

✘ Warranty

- 24/7 operation for 24 months

✘ Design

- Landscape and portrait orientation compatible
- Direct LED Backlight

✘ Electrical

- Energy efficient - low power consumption
- Low Voltage Differential Signaling (LVDS) interface
- Data Enable (DE) mode

✘ Certifications

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

Specifications:

Panel Type	46" D-LED FHD	Outline Dimensions (W/H/D)	1,043.2 x 596.8 x 67.7 mm
Native Resolution	1,920 X 1,080 (FHD)	Aspect Ratio	16:9
Brightness	5,000 nit	Contrast Ratio	4,000:1
Bezel Width (L/R/U/D)	11.5/11.5/11.0/11.0 mm	Color Gamut	NTSC 72%
Viewing Angle	178°	Orientation	Landscape/Portrait
Response Time (G-to-G)	8 ms	Operation Time	24 hr