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# Ultra-Brite 47" LCD Module LXA-470

*Sunlight-viewable indoor/outdoor display solution*

## Description

This ultra-brite LCD display module has true "stopping power". Widescreen images up to 1920 x 1080 resolution are vivid even in direct sunlight, thanks to a ultra-brite backlight capable of producing over 2500 nits (cd/m<sup>2</sup>) of usable on-screen brightness.

The patent-pending design represents a significant improvement over traditional LCD's, providing extreme high brightness and long, reliable life in a site-serviceable display.



## Features

### Ultra-Bright Display

Ultra-bright 2500+ cd/m<sup>2</sup> brightness is achieved reliably due to an innovative, patent-pending backlight design, providing clearly noticeable and vivid images even in direct sunlight.

### Indoor/Outdoor Capability

Both indoor and outdoor versions are available. Outdoor option includes microprocessor controlled thermal environment and special protective glass in front (below). Internal humidity is chemically controlled and corrosion prohibited for over 5 years. Operating temperature range is +40 to -40C. External enclosure is required.

### Anti-Glare Vandal-Resistant Protective Glass

Standard 6mm laminated, strengthened anti-glare/anti-reflective glass window protects the LCD from UV damage and vandals. Glass is replaceable.

### Activation Options

Optionally, the display can be controlled to dim at night, or turn off until activated by vehicles or people in close vicinity, increasing lamp life and reliability.

## Specifications

### LCD Panel:

Input Type	Analog RGB, DVI, Comp/S Video
Resolution	1920 x 1080 Widescreen WUXGA
Aspect Ratio	16:9
Display Colors	16.7 Million
Display Size (inches)	47, measured diagonally
Viewing Angle (min)	178 degrees h/v
Response Time	15 ms

### Backlight:

Brightness (actual usable on-screen)	2500 nits
Lamp Life (typical)	30,000 Hours
Power	1050 watts

### Electrical:

Power Input	115 VAC, CSA, UL Approved
Power Consumption	1100 Watts

### Mechanical:

Dimensions (h/w/d)	48w X 29.25h X 6.17d (inches)
Weight	43kg (90 lbs) (approximate)
Mounting Provisions	Rear 5/16-20 Threaded Holes, 4

### Environmental:

Operating Temperature	-0C to +40C (indoor version) -40 to +40C (outdoor version)
Storage Temperature	-20C to +60C
Humidity Range, Operating	5 to 95% non-condensing