



SHARP MICROELECTRONICS OF THE AMERICAS

5700 Northwest Pacific Rim Blvd.

Camas, Washington 98607

360 834-2500

www.sharpsma.com

**Product Announcement**

**NEW PRODUCT**

## Sharp Expands its Transmissive LCD Product Offering with a New 46 inch Display: LK460D3LZ1x

The LK460D3LZ1x is now being readied for production. The LK460D3LZ1x is the first LCD module offered by Sharp in this size. It has extremely high contrast, very high light output, and an excellent viewing cone. This particular panel can find usage in areas ranging from electronic signage to gaming; anywhere a big, bright, high-contrast display is needed.

### Features of the LK460D3LZ1x:

|                    |                                   |
|--------------------|-----------------------------------|
| LCD Type:          | Full-HD LCD                       |
| Screen size:       | 46.0 inch                         |
| Panel Mode:        | Transmissive                      |
| Pixel Format:      | 1920 (H) × 1080 (V)               |
| Pixel Pitch:       | 0.53025 (H) × 0.53025 (V)         |
| Active Area:       | 1018.08 (H) × 572.67 (V)          |
| Aspect Ratio:      | 16:9                              |
| Outline Dimension: | 1083.0 (W) × 627.0 (H) × 65.7 (D) |
| Display Mode:      | Normally black                    |
| Number of Colors:  | 16 million colors using LVDS      |
| Brightness:        | 450 nits                          |
| Viewing Angle:     | 176° horizontal/176° vertical     |
| Contrast Ratio:    | 1200:1                            |
| Response Time:     | 6 ms (TYP)                        |

This panel meets all RoHS\* compliance requirements.

The specification for each of these panels is available from your local Sharp Representative, and is available on our Sharp public website ([www.sharpsma.com](http://www.sharpsma.com)).

Please contact Sri Peruvemba at [PeruvembaS@sharpsec.com](mailto:PeruvembaS@sharpsec.com) with any questions you may have regarding these exciting new additions to the Sharp Large TFT product line.

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***About Sharp Microelectronics of the Americas***

[Sharp Microelectronics of the Americas](http://www.sharpsma.com), in Camas, Washington, is the U.S.-based microelectronics sales and marketing unit of Japan's Sharp Corporation. Sharp is a worldwide developer of innovative technologies that are leading the next generation of electronic products for consumer and business markets. Sharp Microelectronics of the Americas offers forward-thinking LCD, Optoelectronics, Memory, Imager, and RF/IR components. Sharp Microelectronics of the Americas offers these products along with packaging and integration skills that help design engineers throughout North and South America bring their aspirations to market. Sharp Microelectronics of the Americas is dedicated to improving people's lives through the use of advanced technology and a commitment to quality, value, and design. For more information, visit [www.sharpsma.com](http://www.sharpsma.com).

\* The Restriction of Hazardous substances in Electrical and Electronic Equipment (ROHS) Directive (2002/95/EC). This directive took effect July 1, 2006.

