



# The LCD Difference

LCDs' advantages over competing display technologies

Depending upon the application, LCD technology can offer users a number of benefits that other display panels cannot.

## High Resolutions

LCDs have no limit for fine pitch - even 15" screens can have UXGA (1600 x 1200) resolution.

## Wider Viewing Angle

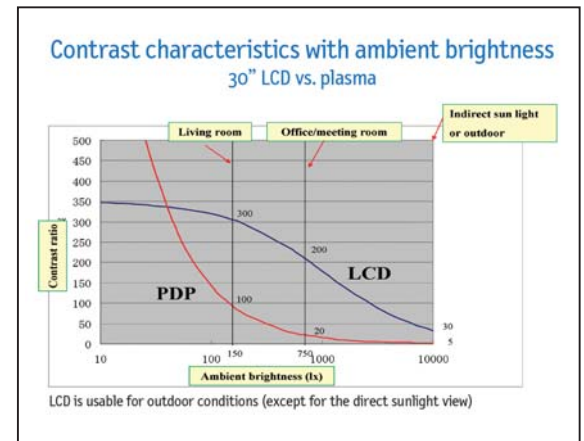
By Super-IPS or Wideview Filter technique, large LCDs can obtain wide viewing angles up to 170° with little or no off-axis color shift.

## Better Brightness

With a brightness of 450 cd/m<sup>2</sup>, LCDs stand out in the crowd, allowing onlookers to view text and graphics with ease and comfort.

## Superior Contrast

LCDs have better contrast under normal room lighting (see chart), delivering amazingly vivid colors and supporting superior grayscaleing.



## Reduced Image Retention

Since LCDs do not use phosphors in their construction, the potential for image retention is significantly reduced, contributing to optimal screen performance and a longer life for the displays.

## Reduced Power Consumption

With LCDs' low power consumption, a user's total cost of ownership (TCO) is lowered significantly. A 30" LCD (170W) and 40" LCD (250W) use considerably less power than competing display technologies. A 100-watt savings equals \$400/year energy savings based upon 50 hours/week.

## Less Weight

An overall lightweight construction makes for easy transport and installation. A 30" LCD (35 lbs.) and 40" LCD (60 lbs.) weigh considerably less than other display types.

## Thoughtful Integration

LCD displays' user-friendly, efficient design incorporates mounting that meets the currently proposed VESA standards for larger-sized public displays, which will be required of all manufacturers in the future. A vertical setting also is possible to provide flexible viewing options.



For more information, contact your Synnex sales representative.

Note: LCD specs apply to NEC LCD3000, NEC LCD4000 and NEC LCD4000e.