

Q-Solar™

Q-Solar™ Beats the Daylight out of Sunlight.

WIDE SCREEN DISPLAY FAMILY



For high performance display technology that can stand up to the brightest sunlight conditions...look no further. Introducing Q-Solar™. A family of sunlight readable displays from Q-Vio, ranging in size from 5.6" to 20.1". Q-Solar beats the daylight out of sunlight with ultra bright, easy-to-read displays, even in direct sunlight. Modified in a Class 1000 clean-room, these low power, RoHS compliant LED backlit displays offer superior uniformity and outstanding thermal management for fan-less operation.

The Q-Solar Wide Screen display family consists of five panels: A 5.6" WXGA at 800 Nits, a 7" WVGA at 1300 Nits, an 8.9" WXGA at 1000 Nits, a 15.4" WXGA at 1100 Nits, and coming soon, a 19" WXGA + at 1000 Nits.

Maintaining the original factory display dimensions, Q-Vio offers an easy upgrade path to sunlight readability. These low power displays are perfect for a wide range of applications where size, weight, power and sharp readability in bright sunlight conditions are essential. Digital AV products, Broadcast Monitors, Ultra-Mobile PCs, Medical Instrumentation, Industrial Monitors and Military Displays are just a few of the many applications that can benefit from the power and brightness of Q-Solar displays.

Q-Vio has also developed a RoHS compliant LED driver board specifically designed to power up the Q-Solar series of sunlight readable displays. Our wide dimming range offers a stable, uniform brightness from the extreme low end through true sunlight readable levels.

- High Brightness
- Wide Viewing Angle
- High Contrast Ratio
- Low Power LED Backlight Unit
- Wide Temp Range
- LVDS Video Input

www.q-vio.com

Q-Vio™
Technology within reach.

Q-SOLAR WIDE SCREEN DISPLAY FAMILY

5.6"
WXGA

PN#: QC056WXS8L-00-00
WXGA resolution (1280 x 800)
800 NIT Brightness (typical)
500: 1 contrast

2.8W power
85-85-85-85 deg. viewing cone
0 to +60C operating temp

7"
WVGA

PN#: QJ070WVI13L-AG-00
WVGA resolution (800 x 480)
1300 NIT Brightness (typical)
700: 1 contrast

2.8W power
70-70-70-70 deg. viewing cone
-20 to +80C operating temp

8.9"
WXGA

PN#: QC089WXS10L-00-00
WXGA resolution (1280 x 800)
1000 NIT Brightness (typical)
500: 1 contrast

5W power
89-89-89-89 deg. viewing cone
0 to +50C operating temp

15.4"
WXGA

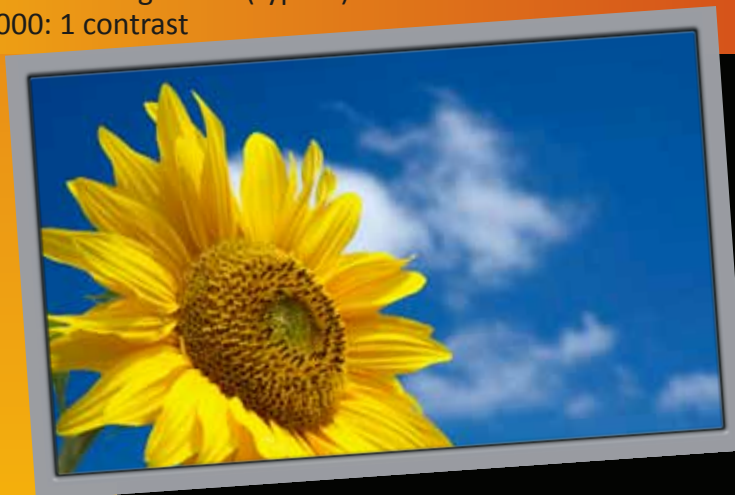
PN#: QB154WXI11L-AR-00
WXGA resolution (1280 x 800)
1100 NIT Brightness (typical)
700: 1 contrast

18W power
80-80-55-70 deg. viewing cone
-30 to +80C operating temp

19"
WXGA+

(Coming Q3 2009)
PN#: QJ190WXPS10L-AG-00
WXGA+ resolution (1440 x 900)
1000 NIT Brightness (typical)
1000: 1 contrast

18W power
80-80-80-80 deg. viewing cone
0 to +50C operating temp



Note: For additional panel sizes and resolutions not listed, contact us to develop a solution for your specific application.