

Q-Solar™

Q-Solar™ Beats the Daylight out of Sunlight.

MID SIZE 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 Mid Size display family consists of four panels: A 10.4" XGA at 1000 Nits, a 12.1" XGA at 1500 Nits, a 15" XGA at 1500 Nits, and a 15.4" WXGA at 1100 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.



www.q-vio.com



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

Q-Vio™
Technology within reach.

Q-SOLAR MID SIZE DISPLAY FAMILY

10.4"

XGA

PN#: QB104XI10L-AG-00
XGA resolution (1024 x 768)
1000 NIT Brightness (typical)
1200: 1 contrast

10W power
88-88-88-88 deg. viewing cone
-20 to +70C operating temp

12.1"

XGA

PN#: QB121X15L-AG-00
XGA resolution (1024 x 768)
1500 NIT Brightness (typical)
700: 1 contrast

12W power
80-80-80-80 deg. viewing cone
-20 to +70C operating temp

15"

XGA

PN#: QB150XI15L-AG-02
XGA resolution (1024 x 768)
1500 NIT Brightness (typical)
800: 1 contrast

16W power
80-80-80-60 deg. viewing cone
-30 to +80C operating temp

15.4"

WXGA

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

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



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