

LED VIDEO WALLS



Leyard® DirectLight® LED Video Wall System

The next-generation Leyard DirectLight LED Video Wall System is a line of fine pitch LED video wall displays that deliver a premier LED video wall solution. With a 27" cabinet, it features a 16:9 aspect ratio designed for Ultra HD resolution. Leyard DirectLight includes a mounting system

for wall mounting and is fully front-serviceable. With an off-board design and redundant power supplies, Leyard DirectLight is less than 4-inches deep when installed.

- Available in 0.9, 1.2, 1.5 and 1.8mm pixel pitches
- Supports the closest viewing distances
- Front installation and serviceability
- Uses DirectLight® Remote Power Supply (RPS) Modules
- Outstanding image quality
- Leyard® EasyAlign™ Mounting System included



Leyard® TWS Series LED Video Wall

The Leyard TWS Series is a line of fine pitch LED video wall displays available in 0.9, 1.2, 1.5 and 1.8 millimeter pixel pitches. With a 27" cabinet, it features a 16:9 aspect ratio designed for Ultra HD resolution, is easy to handle and install, and easily produces concave video walls. The Leyard

TWS Series combines outstanding image quality, low power consumption and a mission-critical design with redundant power and video options.

- Available in 0.9, 1.2, 1.5 and 1.8mm pixel pitches
- Supports the closest viewing distances
- Outstanding image quality
- Advanced design for reliability and ease of installation
- Light-weight, magnesium alloy cabinet
- 16:9 aspect ratio for Full HD, 4K and 8K resolutions



Leyard® TWA Series

The Leyard TWA Series is a line of fine pitch LED video wall displays architected to support the highest pixel density and delivers benefits unique to its "flat panel" design including a 16:9 form factor, ease of installation and service, and outstanding flatness and uniformity. With a slim 54" cabinet and the finest pixel pitches, the

Leyard TWA Series delivers the pixel density and form-factor to match LCD and Rear Projection, but with a truly seamless video wall.

- Available in 0.9, 1.2, 1.4, 1.8 and 2.5mm pixel pitches
- Supports the closest viewing distances
- Delivers benefits from unique 54" flat panel design
- Outstanding image quality
- Advanced design for reliability and ease of installation
- Delivers power efficiency



Leyard® TVH Series

The Leyard TVH Series is a line of high performance, fine pitch LED video wall displays that deliver industry-leading image quality and feature an advanced design offering high reliability for a range of demanding indoor applications. The Leyard TVH Series features a 19.5" cabinet and shares form-factor, mounting options,

software control and power and video systems - ensuring the Leyard TVH Series fits a wide range of fine pitch applications and environments.

- Available in 1.6, 1.9 and 2.5mm pitches
- Supports the closest viewing distances
- Excellent black levels and image control for demanding environments
- Form factor supports curved video walls and build-to-fit spaces
- Optional redundant video and dual power
- Fanless, whisper-quiet operation for low-noise environments



Leyard® uEV Series

The Leyard uEV Series is a line of high impact, standard format LED video wall displays, ideal for digital signage in larger indoor environments. The Leyard uEV Series is highly reliable and easy to maintain, providing 24x7 operation. With front serviceability, durable quality and superb LED technology, the Leyard uEV Series provides a viewing experience that is unmatched in the marketplace.

- Available in 4, 5 and 6mm pitches
- High reliability and image quality
- Front serviceable LED modules
- Remote diagnostic support



Leyard® NVH System

The Leyard NVH Series is a line of LED video wall displays that provide a seamless and bold indoor or outdoor canvas that is bright and colorful. With wide viewing angles, the Leyard NVH Series lengthens impression time. Easy to install and maintain, the highly-efficient Leyard NVH Series reduces total-cost-of-ownership. Its weather resistant design is ideal for a wide range of applications, providing reliable operation and long life.

- Available in 8mm pitch
- Lightweight, slim cabinet
- High brightness design
- Suitable for outdoor or indoor



Leyard® uLV Series

The Leyard uLV Series is a line of outdoor LED video wall displays that provide exceptional value while delivering a vivid, bright and consistent image. Highly scalable and front serviceable, the Leyard uLV Series' efficient design reduces construction and operating costs. Its highly reliable, weather resistant design delivers 24x7 operation in a wide range of environments.

- Available in 10, 16 and 20mm pitches
- Rugged cabinet design for outdoor use
- Front serviceable LED modules
- High brightness for outdoor performance

# LEYARD CARBONLIGHT LED DISPLAYS



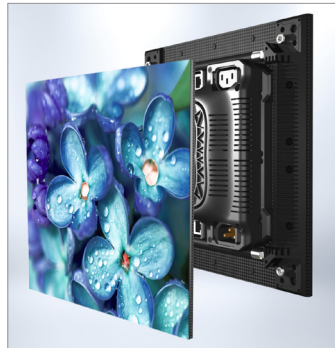
## Leyard® CarbonLight™ LED Displays

Leyard CarbonLight LED Displays are a comprehensive line of LED display solutions designed specifically for rental, staging and fixed-flexible installations. With a broad range of models, Leyard CarbonLight LED displays deliver a wide range of unique LED display solutions for eye-catching, creative public venue installations.

- Family of LED displays for rental and staging and flexible-fixed applications
- Features carbon fiber structures for lightweight, thin and strong LED displays
- Easy-to-use bracketry and hardware designed for fast installation, servicing and teardown
- Common components for power, video and installation
- Unique light and thin design ensures fast and inexpensive transportation

## Leyard® CarbonLight™ CLA Series Indoor LED Video Wall

The Leyard CarbonLight CLA Series is a line of fine pitch LED video wall displays featuring Leyard® PrecisionArc™ alignment technology to create stunningly seamless installations with concave, convex or wave formations. The Leyard CarbonLight CLA Series' carbon fiber construction provides lightweight displays in 1.5 and 1.9mm pixel pitches.



- Available in 1.5 and 1.9mm pixel pitches
- Leyard PrecisionArc alignment technology for seamless curved shapes
- Lightweight carbon fiber construction
- Compatible for hanging or free-standing installations
- Display size: 250 x 250 x 58mm

## Leyard® CarbonLight™ CLI Series Indoor LED Video Wall

The Leyard CarbonLight CLI Series is a line of lightweight, flexible LED video wall displays ideal for indoor rental and staging and flexible-fixed applications. The Leyard CarbonLight CLI Series' adaptable design includes the ability to create 90° corners with the display's 45° edges and is suitable for hanging and free-standing installations. The Leyard CarbonLight CLI Series is available in 2.6, 3.9 and 5.2mm pixel pitches.



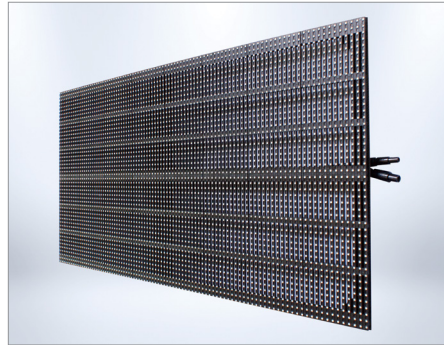
- Available in 2.6, 3.9 and 5.2mm pixel pitches
- Lightweight carbon fiber construction
- 45° display edges for 90° corners
- Compatible for hanging or free-standing installations
- Display size: 500 x 500 x 53mm



## Leyard® CarbonLight™ CLO Series Outdoor LED Video Wall

The Leyard CarbonLight CLO Series is a line of LED video wall displays ideal for outdoor rental and staging and flexible-fixed applications. Suitable for hanging and free-standing installations, the Leyard CarbonLight CLO Series' adaptable design enhances outdoor installation capabilities, including the ability to create 90° corners with the display's 45° edges.

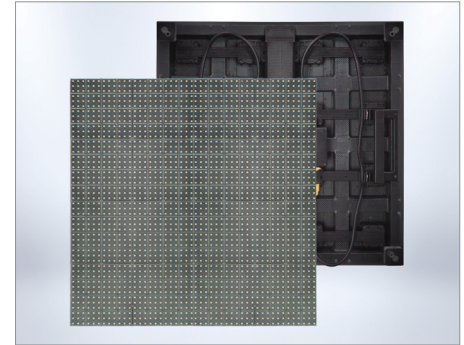
- Available in 3.9, 5.2 and 7.8mm pixel pitches
- Ideal for outdoor applications
- Lightweight carbon fiber construction
- 45° display edges for 90° corners
- IP65 Protection rating for outdoor applications
- Display size: 500 x 500 x 55mm



## Leyard® CarbonLight™ CLM Series Mesh LED System

The Leyard CarbonLight CLM Series is a line of see-through mesh LED displays designed for rental and staging and flexible-fixed applications in indoor and outdoor environments. Available in 10.4 and 15.6mm pixel pitches, the Leyard CarbonLight CLM Series is lightweight with high transparency and low wind resistance.

- Available in 10.4 and 15.6 mm pixel pitches
- See-through mesh design
- Lightweight carbon fiber construction
- IP65 Protection rating for outdoor applications
- 45° display edges for 90° corners
- Display size: 1000 x 500 x 45 mm



## Leyard® CarbonLight™ CLF Series LED Flooring System

The Leyard CarbonLight CLF Series is an LED flooring system constructed with a lightweight, carbon fiber frame creating a high-strength structure built to withstand loads up to 500 kg per display. This highly durable LED flooring system is layered with a high-strength, wear-proof mask to increase the lifespan of the displays.

- Available in 5.2, 6.2 and 10.4mm pixel pitches
- IP65 Protection rating (6.2 and 10.4mm pitches)
- Loads up to 500 kg per display
- High-strength, wear-proof mask
- Display size: 500 x 500 x 82 mm



## LCD VIDEO WALLS



### Clarity® Matrix® LCD Video Wall System

The award-winning Clarity Matrix LCD Video Wall System combines the industry's thinnest profile ultra-narrow bezel LCD video wall with superior design, installation and service features, further delivering on its reputation as the best-in-class LCD video wall solution.

- Family of LCD video wall displays available in 46" and 55"
- Full HD resolution with brightness of 500 – 800 nits
- Mission-critical off-board electronics with redundant power supplies for 24x7 reliability
- Features Planar® EasyAxis™ Mounting System for precise alignment and thin profile
- Supports 4K input resolutions and scaling across any sized video wall
- New! Extreme-Narrow Bezel model offers industry's smallest tiled bezel width of just 1.7mm (MX55HDX and LX55HDX)
- New! 3D model offers a 3.7mm tiled bezel width and Full HD resolution (LX46HDX-3D)

### Planar® RA Series

Planar RA Series displays deliver a value-based LCD video wall solution that supports the demanding requirements of 24x7 applications and high ambient light environments.



- Available in 49" and 55"
- Narrow 12.6mm tiled bezel width
- Ultra-slim profile of 2.2"
- Supports landscape and portrait orientation
- Designed for 24x7 operation with 700 cd/m² brightness
- Built-in video wall scaling up to a 10x10 array
- 4K input support across video wall arrays

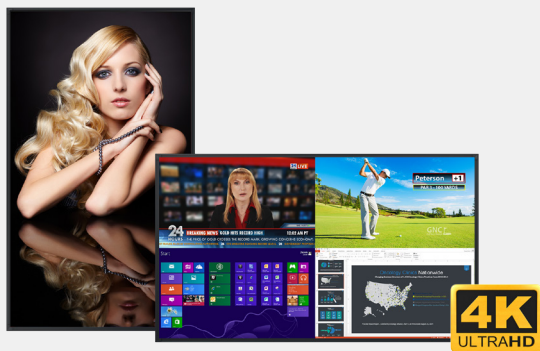
### Planar® Mosaic®

Planar Mosaic is the only video wall solution that allows designers to mix-and-match three different LCD display tile sizes and shapes into unique arrays not possible with traditional video walls.



- Available in unique sizes:
  - Planar® Salvador™ – 22" truly square tile
  - Planar® Pablo™ – 46" rectangle tile
  - Planar® Vincent™ – 55" rectangle tile
- Mount tiles at any angle or in any position and easily scale one image or video
- Includes off-board power supply modules, mounting system and design software
- Mosaic Ensemble™ package for all-in-one solution

## LARGE FORMAT LCDs



### Planar® UltraRes™ Series

- 75", 86" and 98" Ultra HD resolution (3840 x 2160) LCD displays
- Supports native 4K at up to 60Hz with HDMI and DisplayPort
- Advanced multi-source viewing with Planar® MediaPlex™ Plus processing
- Designed for 24x7 operation
- Fanless, whisper quiet operation with built-in power redundancy
- Optional Planar® Profile™ Mounting System enables the industry's thinnest mounted depth
- Touch and Planar® ERO™ (Extended Ruggedness and Optics™) models available
- Available with interactive touch and optional Planar® TouchMark™ annotation and whiteboarding software



### Planar® EP Series

- 50", 58" and 65" Ultra HD LCD displays
- High performance commercial-grade LCD displays designed for 24x7 operation
- Open Pluggable Specification (OPS) slot
- Ultra-slim profile and narrow, logo-free metal bezel
- Supports landscape and portrait
- Built-in speakers
- Available with interactive touch and optional Planar TouchMark annotation and whiteboarding software



### Planar® PS Series

- Commercial-grade digital signage LCD displays
- Available in 46", 55", 65", 70" and 82"
- Designed for 24x7 operation
- Durable metal bezel
- Wide range of advanced features for professional applications
- Models available with interactive touch and USB media playback



### Planar® Simplicity™ Series

- Cost-effective digital signage LCD displays
- Available in 43", 48", 55" and 65"
- USB media playback
- On/off scheduling
- Ultra-slim profile
- Logo-free, narrow bezel
- Full array of connectivity and control

## TRANSPARENT DISPLAYS



### Planar® LookThru® Transparent OLED Display

The first-of-its-kind Planar LookThru transparent OLED display is a self-emitting display that utilizes cutting-edge Organic Light Emitting Diode (OLED) technology to eliminate the need for a backlight or enclosure, making it possible to create truly see-through installations in a virtually frameless glass design.

- 55" transparent OLED display
- Showcases real products while providing interactive information with transparent glass surface
- Highly durable glass using Corning® Gorilla® Glass and Planar ERO protective surface technology
- Optional touch screen interactivity with 32 simultaneous touch points
- Use in both portrait and landscape orientations
- Planar LookThru Tiling Accessories allow for tiled arrays

## CONTROL ROOM SOLUTIONS

### Clarity® Visual Control Station™ (VCS™) Video Wall Processor



- Cost-effective and easy-to-use video wall processor
- Capture, display and manage a variety of sources
- Drive video walls of up to 64 high resolution displays
- Includes Windows® 7-based VCS Control Software
- Network-central collaboration tools
- Intel® Core™ i7 standard or Dual Xeon® SBC option

### Planar® Indisys® Extensity Video Wall Processor



- Modular architecture supports small to very large video walls
- Supports Clarity LED3 Series rear projection and Clarity Matrix LCD video walls
- Highest quality uncompressed video capture and display
- Network-based desktop visual collaboration
- Reliable and secure purpose-built hardware
- Desktop sharing and control

### Clarity® LED3 Series Rear Projection Video Wall



- Energy-efficient, long-life, seamless rear projection video wall displays
- Brightness up to 800+ nits, illumination life up to 100,000 hours and high reliability
- Planar® SiFi3™ Auto Color Balance and Self-Regulation
- Integrated processing with Planar Indisys available
- Range of sizes and resolutions including: 50" & 70" (Full HD); 50", 67" & 80" (SXGA+); 50" & 67" (XGA)

## DESKTOP AND TOUCH MONITORS



### Planar® IX Series

- 28" Ultra HD resolution LCD desktop monitor
- Supports native 4K at up to 60Hz through DisplayPort 1.2
- Built-in USB 3.0 hub and speakers
- Planar® FlexTwo™ software allows two sources to be viewed on the same monitor



### Desktop Monitors

- Planar® PL Series: 15" to 27" monitors, featuring a thin bezel design, crisp images and proven reliability
- Planar® PXL Series: 22" to 27" monitors, built for the most demanding multimedia applications
- Capacitive, Resistive, SAW and multi-touch options, as well as a variety of input options available



### Touch Screen Monitors

- Planar® Helium™ Series: 22" to 27" monitors, built for the ultimate touch experience
- Planar® PXL Series: 22" to 27" monitors, built for the most demanding multimedia applications
- Planar® PT Series: 15" to 32" monitors, built for demanding point-of-sale, point-of-purchase and public environments
- VESA compatible, professional and thin designs

## ACCESSORIES

### Planar® TouchMark™ Annotation and Whiteboard Software

Premier annotation and whiteboarding software, available with Planar touch-enabled LCD displays. An essential tool set for collaborating in meeting rooms and classrooms.



### Planar® ContentSmart™ Media Player

- Available in Full HD 1080p or 4K resolution
- 4K player also available in OPS format
- 8GB internal memory
- Comes standard with ContentSmart™ Software



### OPS Modules

- Planar ContentSmart Media Player, HDBaseT and 3G-SDI cards compliant with Intel's Open Pluggable Specification
- Offers the flexibility of expanding display functionality
- Integrates seamlessly into displays with OPS expansion slots, including Planar UltraRes Series and Planar EP Series
- Supports future upgrades without replacing the entire display