



# Planar DirectLight Ultra Complete LED Video Wall Display



## Off-the-Shelf LED Video Walls

Selecting a Planar® DirectLight® Ultra Complete™ video wall reduces the time and complexity of deploying a 4K or 8K MicroLED video wall. We've packaged everything an organization needs in one complete 108" to 217" diagonal LED video wall display. Simply select the total size that best suits the environment and application, and receive the package of LED display cabinets, video controller, remote power supply, cables, spare modules, wall mounts, trim and remote control, all included.

Planar DirectLight Ultra Complete is configured using the flagship Planar® DirectLight® Ultra™ Series LED video wall displays and features a proprietary self-adjusting alignment system that ensures a continuous seamless visual experience.

- Complete Direct View LED Video Wall ready to install
- MicroLED for higher resolution, more brightness & deeper blacks
- 108", 136", 163" & 217" diagonal sizes
- 4K or 8K resolution, 16:9 aspect ratio
- Patented alignment system
- Planar EverCare Lifetime Limited Warranty
- Powerful Planar WallDirector Video Controller & Software
- U.S. TAA & ADA compliant





## Just the Right Size

Planar® DirectLight® Ultra Complete™ video walls optimize efficiency with pre-packaged solutions in four popular sizes: 108", 136", 163" and 217". All models are 4K or 8K and feature a standard 16:9 aspect ratio, ideal for video content. The diverse sizing options ensure there's a model for any space with viewing distance as close as 3' (0.9m).

Of course, if none of those video wall sizes is quite right, custom sizes and resolutions of Planar® DirectLight® Ultra™ Series are also available.

Model	Resolution	Size	Aspect Ratio	Dimensions
<b>UHD108</b>	UHD 4K (3840x2160)	108"	16:9	7.9' x 4.5' 2419 x 1361mm
<b>UHD136</b>	UHD 4K (3840x2160)	136"	16:9	9.9' x 5.6' 3024 x 1701mm
<b>UHD163</b>	UHD 4K (3840x2160)	163"	16:9	11.9' x 6.7' 3629 x 2041mm
<b>8K217</b>	8K (7680x4320)	217"	16:9	15.9' x 8.9' 4839 x 2722mm
Custom sizes and resolution also available				

## Powerful Processing

Each U.S. T.A.A. Compliant video wall features a compact and scalable Planar® WallDirector™ Video Controller (VC) and Software to drive the video wall at native resolution with smooth scaling and content windowing. The video controller captures multiple 4K inputs and provides signal extension over CAT or fiber connections. It supports processor monitoring, alerts and easy creation and recall of windowing layouts on the video wall.

Planar DirectLight Ultra Complete includes multiple video inputs, with HDMI2.0 and HDCP2.2 at 4K@60Hz. The included Planar® Remote Power Supply moves heat, depth, noise, weight, service points and electrical outlets from the video wall into a rack room.

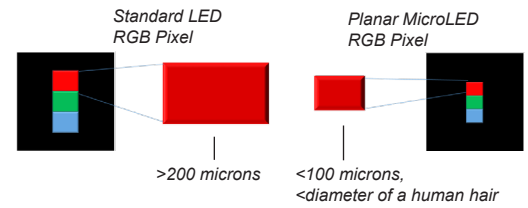
## Lifetime Warranty

In North America, Planar DirectLight Ultra Complete comes with the Planar® EverCare™ Lifetime Limited Warranty which offers complete product coverage for as long as the video wall is used in a fixed location.



# MicroLED = Big Power

Planar DirectLight Ultra Complete models feature MicroLEDs that are less than half the size of the smallest standard LEDs but deliver up to three times more brightness, excellent visual performance and color uniformity. They are also more energy efficient, requiring less power and producing less heat at a given brightness. They deliver more vivid colors and leave more room for a black canvas, providing greater detail with dark images and better overall contrast. The MicroLED design has a smaller footprint and reduces light blockage and ambient-light reflection. Their small size facilitates the highest resolution possible for LED, even in video walls of smaller size.



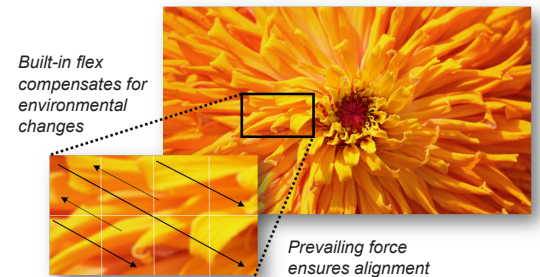
## Ultra Performance

Planar DirectLight Ultra visually supports the most demanding use models for control rooms, boardroom presentations, or media-heavy applications. It delivers our best color reproduction, highest brightness, greatest performance with dark content, highest resolutions and is also ready for High Dynamic Range (HDR) content.

The video walls offer mission-critical design for 24x7 reliability and are designed to maximize technological advancements for mounting, alignment, space constraints, reliability, fast service, power efficiency, scalability and long life.

## Always Aligned

Planar DirectLight Ultra features a pixel perfect display even at 0.6mm pixel pitch. To maintain the look over time it features a proprietary self-adjusting module alignment technology that combats issues such as vibration and thermal expansion that can cause LED modules to shift and disrupt the seamless visual experience. Planar DirectLight Ultra maintains module positioning through these events, reducing the need for repeated maintenance.



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## Accessibility Matters

Planar DirectLight Ultra Complete video walls feature front-side installation and serviceability for easier access and installation versatility. With front-access and install depth of less than four inches, organizations can place the video wall against the room wall, minimizing the solution footprint and maximizing floor space. Organizations can also better accommodate individuals with special needs as the solution is designed for compliance with the Americans with Disabilities Act (ADA) Standards for Accessible Design.

## PLANAR DIRECTLIGHT ULTRA COMPLETE SPECIFICATIONS

Model	UHD108	UHD136	UHD163	8K217
<b>Display Technology</b>	DirectView MicroLED			
<b>Resolution</b>	4K (3840x2160)			8K (7680 x 4320)
<b>Display Size Diagonal</b>	108"	136"	163"	217"
<b>Display Size Width x Height</b>	7.9' x 4.5' 2419 x 1361mm	9.9' x 5.6' 3024 x 1701mm	11.9' x 6.7' 3629 x 2041mm	15.9' x 8.9' 4839 x 2722mm
<b>Mounted Depth</b>	95.2mm (3.75in) nominal. ADA Compliant			
<b>Pixel Pitch</b>	0.62mm	0.78mm	0.93mm	0.62mm
<b>Brightness Max</b>	1,000	1,200	1,600	1,000
<b>Contrast Ratio</b>	10,000:1			
<b>Refresh Rate</b>	3840Hz			
<b>Color Temperature Range (k)</b>	3,000-10,000 adjustable			
<b>Viewing Angle, (50% Brightness)</b>	>160° horizontal; >160° vertical			
<b>Video Input Resolution, Max</b>	4K at 60Hz			
<b>Video Inputs</b>	4x HDMI 2.0 (w/ HDCP 2.2), 1x DisplayPort 1.2			8x HDMI 2.0 (w/ HDCP 2.2)
<b>Control</b>	Network			
<b>Front Access Install/Service</b>	Yes			
<b>Runtime Duty Cycle (Hours/Day)</b>	24 x 7			
<b>LED Lifetime, Typical</b>	100,000 hrs			
<b>Power Consumption, Max (Watts)</b>	2,723	4,229	6,062	10,210
<b>Display Weight</b>	336lbs	520lbs	728lbs	1,286lbs
<b>Storage Temperature/ Humidity</b>	-20° to 60° C   -4° to 140° F (10-85% RH, non-condensing)			
<b>Operating Temperature/ Humidity</b>	-10° to 35° C   14° to 95° F (10-85% RH, non-condensing)			
<b>TAA Compliance</b>	TAA Compliant			
<b>Warranty</b>	Planar EverCare Lifetime Warranty (North America)			
<b>Package Includes</b>	Display wall, Planar WallDirector Video Controller, Planar Remote Power Supply, Signal cables, Power cables, Wall mount, Trim, Remote Control and Module Spares			

*Solution may change or not be offered in all regions*