



# Planar HRO Series Outdoor LED Video Wall



## High Brightness, Fine Pitch LED Video Walls

Planar® HRO Series outdoor LED video wall displays are built for close up daylight viewing. The series features a 16:9 aspect ratio making it ideal for outdoor viewing of movies, live sports or presentations with popular resolutions.

### Fun in the Sun

Outdoor venues have long had to sacrifice image detail and high resolution for high brightness, making it difficult to brightly show anything more than basic signage at close distances. With the Planar HRO Series' 3,500 nit brightness and 1.5 millimeter or 1.9mm pixel pitch, some of the smallest in the industry for outdoor LED displays, viewers can enjoy entertainment and presentations from close up, even on sunny days.

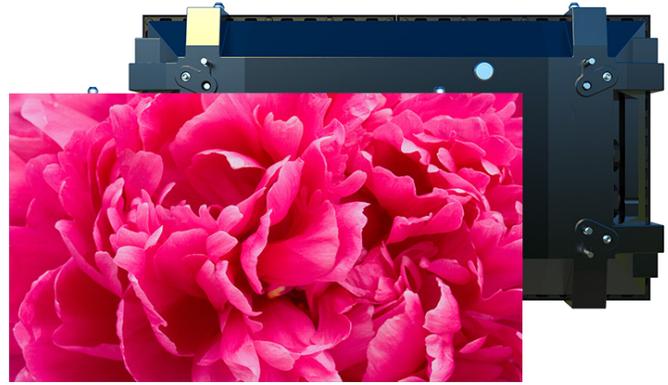
### Withstand the Weather

Planar HRO Series is built to endure the weather with LED treatments to protect them from ultraviolet rays, dust and water, without negatively impacting the viewing experience. Protective plates on the backside cover cables and mechanics, ensuring long life no matter the environmental factors.

- Outdoor Fine Pitch LED Video Walls
- 16:9 aspect ratio for video
- Available in 1.5mm and 1.9mm fine pixel pitch
- At least 3,500-nit brightness
- Full front service accessibility
- Ingress Protection Rating of IP65 (front) and IP54 (rear) for Outdoor Use
- Support High Dynamic Range content

## Application Versatility

The Planar HRO Series can be used in a variety of outdoor applications such as covered or uncovered business pavilions, amphitheater backdrops, poolside hospitality, transportation signage and retail exteriors. The video walls can be wall mounted hung or stacked. They also feature full front service for no-hassle maintenance.



## Planar HRO Complete: Pre-Packaged Displays

If designing an outdoor video display seems like too much, consider a Planar® HRO Complete display. It reduces complexity, time and pressure because we've packaged everything in one complete solution. Simply select the size that best suits the environment and application, and receive the display, controller, cables, trim and wall mount all included. Available in 130", 174", 217" or 260" diagonal sizes.

PLANAR HRO SERIES SPECIFICATIONS		
Planar Model	HRO-1.5	HRO-1.9
Pixel Pitch	1.50mm	1.875mm
Cabinet Resolution	320 x 180	256 x 144
Cabinet Size	480 x 270 x 50mm   18.9 x 10.63 x 1.97in	
Cabinet Diagonal	550.7mm   21.7in	
Cabinet Area	0.13m <sup>2</sup>   1.40ft <sup>2</sup>	
Modules/Cabinet (WxH)	2x1	
Module Size	240x270mm   9.45x10.63in	
Power Consumption, Maximum (watts)	88/Cabinet   680/m <sup>2</sup>	
Line Voltage	100-240V AC, 50/60Hz	
Cabinet Weight (per display)	4.92kg   10.86lbs	
Cabinet Weight (per m <sup>2</sup> )	38kg   83.8lbs	
Brightness	>3,500	
Contrast Ratio	7000:1	
LED Refresh Rate	3840Hz	
Frame Rate	50, 60Hz	
Color Temperature, Adjustable (k)	6,500 - 10000	
Viewing Angle, Horizontal	160° H, 160° V	
Service Access	Front, Rear	
Environment	Outdoor, IP65 (front) / IP54 (rear)	
Operating Temperature/Humidity (degrees F/C, relative humidity)	-20° to 45° C   -4° to 113° F 10-80%	
Storage Temperature/Humidity (degrees F/C, relative humidity)	-20° to 60° C   -4° to 140° F 10-85%	
LED Lifetime: Typical	100,000 hours	