

LUX

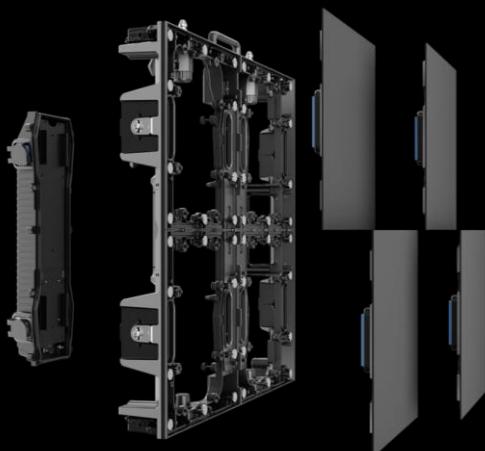
PRODUCTION WORKHORSE

Designed for adaptability in both indoor and outdoor environments. Whether outfitting a high energy live concert, constructing an immersive XR stage, or supporting large scale outdoor events, LUX panels provide the performance and reliability industry professionals demand.



APPLICATIONS

- Auditoriums, Performance Venues
- Theme Parks, Transportation Hubs
- Theater & Production Spaces
- Houses of Worship, Sports Complexes



FLEXIBLE SHAPES & COMBINATIONS

Customized panels offer versatile shapes, including 45-degree designs, 90-degree cube shapes, and both concave and convex configurations. The 500mm x 500mm and 500mm x 1000mm cabinets can be combined, providing flexibility for many applications.

INSTALLATION OPTIONS

Supports various indoor/outdoor installations: hanging, standing, and stacking. It can be hung up to 49 feet and stacked up to 65 feet, thanks to the robust fin design for heat dissipation.

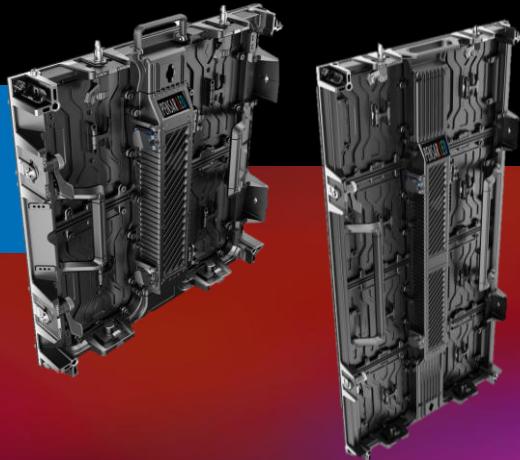
ADVANCED PERFORMANCE

Boasting 1FPS ultra-low latency and superior brightness for multi-camera shooting. The intelligent module design and die-cast aluminum cabinet ensure fast and easy setup.

EXCEPTIONAL VISUAL QUALITY

Superior display performance with DCI-P3 high color gamut, HDR high contrast, and brightness up to 5000 nits. Features a 16-bit grayscale, a refresh rate of up to 7680 Hz, and a contrast ratio of 10000:1, delivering vibrant and dynamic visuals.

SPECIFICATIONS



REMARKS

Power consumption tolerance: $\pm 15\%$, according to the actual situation. Pensar LED LLC, reserves the right to modify specifications and parameters without further notice.

Description	Indoor	Indoor	Indoor	Indoor	Outdoor				
Pixel Pitch (mm)	1.9	2.6	2.9	3.9	OD3.9				
LED Type	3 in 1 SMD								
Cabinet Size (mm)	500x500x80								
Cabinet Size (inch)	19.7x19.7x3.2								
Resolution	256x256	192x192	168x168	128x128					
Weight (lbs.)	15.4								
Brightness (nits)	800-1000			3500/5000					
Gray Scale (bit)	16-18								
Refresh Rate	1920Hz/3840Hz/7680Hz								
Viewing Angle	140Hx140V								
Contrast	8,000:1								
Operating Voltage	110/240 AC								
Power Average/Max (watt)	80 avg. 162 max	60 avg, 120 max		75 avg, 170 max					
IP Rating	30	40/21		65/54					
Maintenance	Front/Back								
Installation	Floor/Wall/Hang								