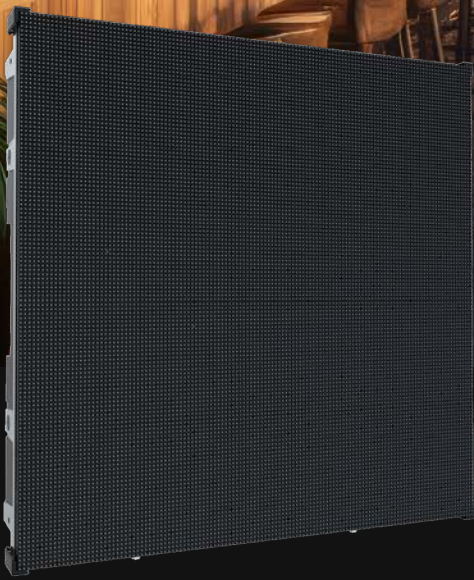




PERFORMANCE SERIES

Versatile outdoor displays that light up the outside world, day and night.

- Weatherproof
- 2.9-10mm Pixel Pitches
- Rapid Deployment
- Two Size Options
- High Brightness
- SMD LED

PERFORMANCE

Stack Nanolumens' highly adaptable Performance Series™ outdoor LED cabinet displays to create eye-catching digital visualization experiences in widescreen, ribbon or even tower configurations that combat extreme weather and daylight.

Performance Series is designed and tested to stand up to all types of outdoor conditions without the need for internal environmental controls. With brightness options up to 8,000 nits, displays shine even in direct sunlight, while a wide range of pixel pitch options ensure viewers see digital

signage and advertising content clearly regardless of hour or distance.

Available in 500mm x 500mm and 250mm x 250mm rigid cabinets, the modular displays support flat installations and can be faceted to form convex and/or concave video walls for rounded architectural exteriors.

All mounting brackets and structures are integrated into the frame design, which allows for wall-mount, free-standing, hanging/tethered, or cantilevered mounting without any additional structures.



BENEFITS

Multiple Formats

Maximize design flexibility with square cabinets in two convenient form factors, to create modular outdoor video walls of any rectangular dimension.

Environment Agnostic

Confidently deploy Performance Series displays in any extreme climate from the wet Pacific Northwest or frigid Northeast to the dry desert of the Southwest or humid Southeast. Each cabinet is fully IP67 rated.

Quality Components

Performance Series cabinets are built with high-quality components which carry an industry-leading 3-year extendable warranty. No small letters, no addendums.

Why Nanolumens?

At Nanolumens, we've set our sights—and our standards—high when it comes to LED technology and service. We leverage the best technology to meet everyday needs and enable digital transformation. Our promise to you is an unsurpassed first and lasting experience.

NIXEL™ to Pixel Warranty

Your display is engineered to pass the ultimate test: time. We use high-performing materials to ensure your display is a worthwhile investment. Our warranty coverage starts pixel one ensuring your display is covered 100% from our Atlanta headquarters.

SPECIFICATIONS: PERFORMANCE 500

Pixel Pitch	2.9mm	3.1 mm	3.9 mm	4.8 mm	5.9 mm	8 mm	10mm
Architecture	OD Rated SMD (Gold)						
Module Size (W X H) ^[1]	500 x 500 mm / 19.69 x 19.69 in						
Module array per "Full HD" ^[2]	12 x 7	12x7	15x8	18x10	23x13	32x18	40 x 23
Module Resolution	168 x 168	160 x 160	128 x 128	104x104	84x84	60x60	48 x 48
Module Depth ^[3]	3.07 in / 77.95 mm						
Watts /ft²	60.40 Max / 18.40 Avg						
Weight /ft²	7.51 lbs / 3.41 kg						
Max Brightness (Standard / High Bright Option)	5000 / 7000 nits		5500 / 7500 nits			6000 / 8000 nits	
Max BTU/hr./ft²	209.17						
Viewing Angle Max ^[4]	Faceted						
Viewing Angle L50 ^[4]	140° horz / 140° vert						
Color Space	Native RGB						
Calibrated as Standard	Not Required						
Curveable	Faceted						
Serviceability	Front						
Indoor / Outdoor	Outdoor						
Input Voltage (VAC)	110/120/208/220/240 VAC						
Input Bit Depth ^[5]	8-bit Standard (16.7 Million) / Up to 10-bit (>1 Billion)						
NanoSuite Enabled	Yes						
Lifetime	>100,000 hours						
Warranty	3 year/Extendable to 4						
Compliance	FCC, ETL, CE, ICES-3000, De-Icing						

SPECIFICATIONS: PERFORMANCE 250

Pixel Pitch	3.1 mm	3.9 mm	5.9 mm	8.3 mm	10.4 mm
Architecture	OD Rated SMD (Gold)				
Module Size (W X H) ^[1]	250 x 250 mm / 9.85 x 9.85 in				
Module array per "Full HD" ^[2]	24x14	30x16	46x26	64x36	80x45
Module Resolution	80x80	64x64	42x42	30x30	24x24
Module Depth ^[3]	139.7 mm / 5.5 in				
Watts /ft²	61.34 max / 18.40 avg				
Weight /ft²	7.65 lbs./ 3.47 kg				
Max Brightness (standard)	6000	5500			
Max BTU/hr./ft²	209.17				
Viewing Angle Max ^[4]	178° horz / 140° vert				
Viewing Angle L50 ^[4]	140° horz / 140° vert				
Color Space	Native RGB				
Calibrated as Standard	Not Required				
Curveable	Faceted				
Serviceability	Front				
Indoor / Outdoor	Outdoor				
Input Voltage (VAC)	110/120/208/220/240 VAC				
Input Bit Depth ^[5]	8-bit Standard (16.7 Million) / Up to 10-bit (>1 Billion)				
NanoSuite Enabled	Yes				
Lifetime	>100,000 hours				
Warranty	3 year/Extendable to 4				
Compliance	FCC, ETL, CE, ICES-3000, De-Icing				

1 Cabinet/module footprint, standard décor/frame adds 1/2" to overall system height and width

2 This product does not array to exactly 1920x1080

3 Cabinet/module depth, standard décor/frame adds 1/8" to overall system depth

4 L50 is objective measured angle at which brightness decreases to 50% of max brightness

5 LED displays process at up to 14 bits per channel internally. Output Bit Depth is limited by the input bit depth and system design throughout.