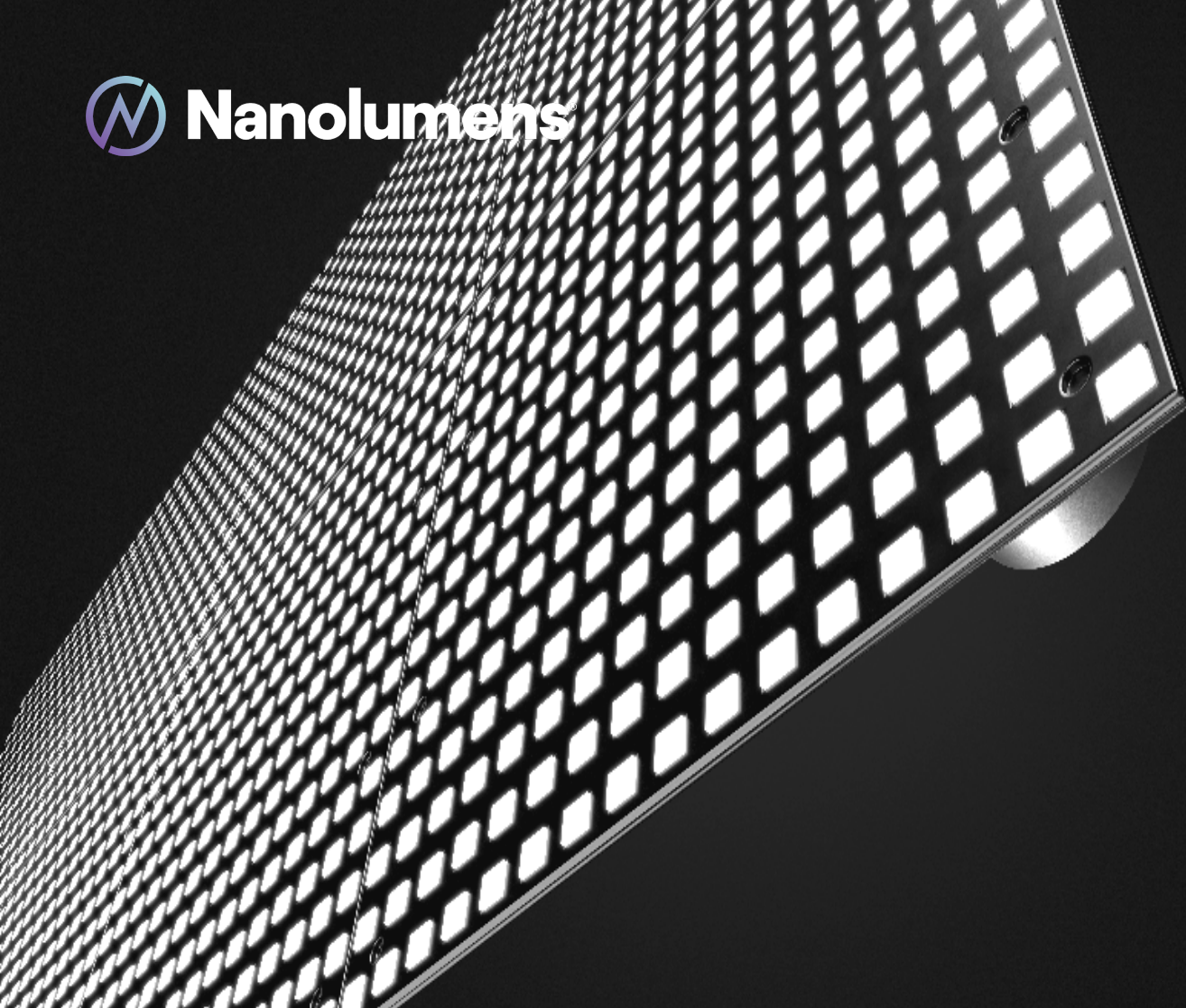


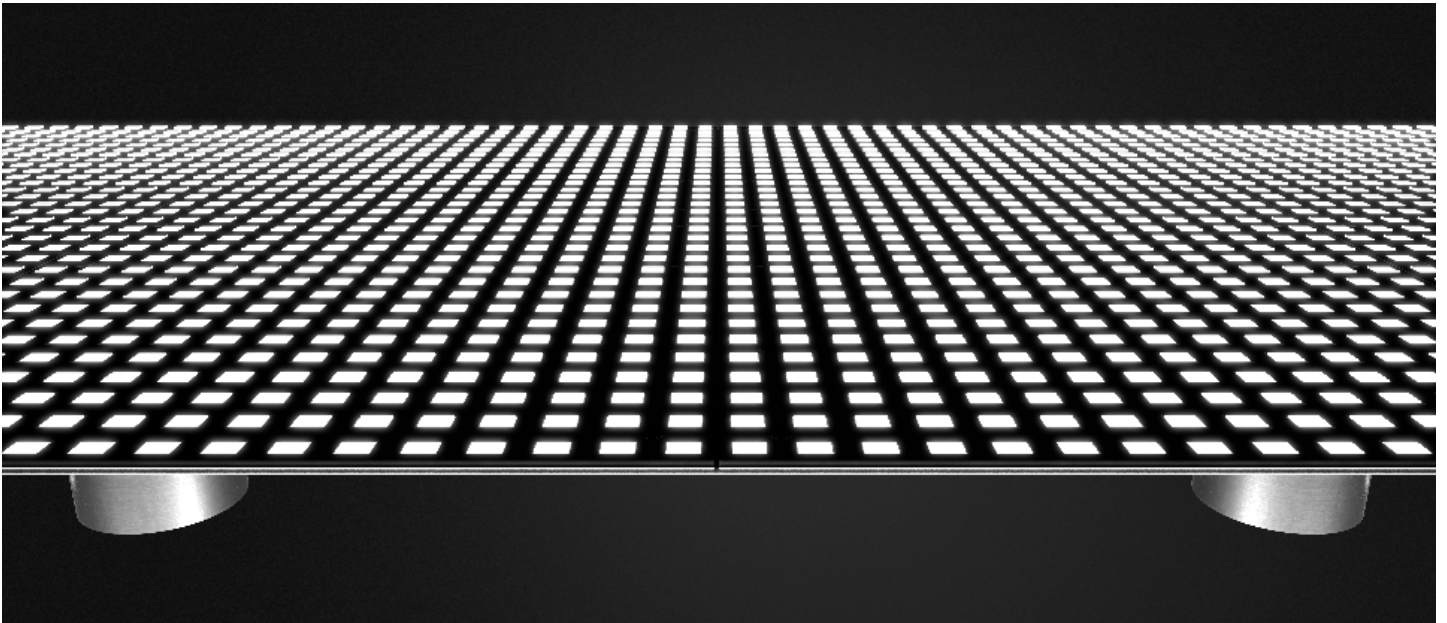


NIXEL SERIES – RIGID

Ultra slim, flat displays designed for unique shapes and sizes

- Compatible with Flex
- 1.2-9mm Pixel Pitch
- Indoor or Outdoor
- Frame & Skin Topology
- 100K Hour Lifetime
- TAA Compliant

With limitless customizability and unrivaled performance, Nixel Series Rigid models give organizations the creative freedom to transform any flat-surface environment with an immersive display experience. Clients with ambitious ideas and complex architectures turn to the Nixel Series when they need to introduce a “Wow!” factor that energizes their space without compromising existing structures. Whether your project calls for a traditional 16:9 display surface or a unique shape like a towering column or ribbon along the ceiling, the Nixel Series Rigid is the solution.



BENEFITS

Patented Frame & Skin Topology

Each Nixel Series display frame is built-to-suit the individual application. No cabinets limiting your creativity. Customized down to the installation.

Groundbreaking Designs

Create displays that raise the bar, including unique shapes, multi-story designs, and even double-sided screens.

Why Nanolumens

At Nanolumens, we’ve set our sights — and our standards — high when it comes to LED technology and service. We develop best of breed displays to meet everyday needs and support creative applications. Our promise is to equip you with unrivaled visualization solutions that help you deliver positive first and lasting impressions.

Nixel to Pixel Warranty

Your display is engineered to pass the ultimate test: time. We use high-performing materials to ensure Nanolumens displays are worthwhile investments. Our Warranty coverage starts at pixel one, ensuring your display is covered 100% from our headquarters in Atlanta.

SPECIFICATIONS: NIXEL SERIES™ (RIGID)

Pixel Pitch	1.25 mm	1.56 mm	1.87 mm	2.5 mm	3 mm	4 mm	6 mm	9 mm
Module Size (W X H) ¹	300.0 x 168.8 mm 11.81 x 6.64 in			240 x 150mm 9.45 x 5.91 in	304.8 x 152.4mm 12 x 6 in			
Module array per “Full HD”	8 x 8	10 x 10	12 x 12	20 x 18	24 x 27	30 x 34 ²	40 x 45	60 x 68 ²
Module Resolution	240 x 135	192 x 108	160 x 90	96 x 60	80 x 40	64 x 32	48 x 24	32 x 16
Module Depth ³		79.4 mm / 3.13 in						
Watts/ft ²	67.8 Max 20.4 Avg	67.9 Max 20.4 Avg	75 Max 25 Avg	59.5 Max 19.83 Avg	44.05 Max 13.22 Avg	48.05 Max 14.41 Avg	47.03 Max 14.11 Avg	41.82 Max 12.55 Avg
Weight/ft ²	2.33 kg / 5.1 lbs					2.45 kg / 5.5 lbs		
Max Brightness ⁴ (standard)	700 nits	750 nits	800 nits	1200 nits	980 nits	1190 nits	1350 nits	1800 nits
Viewing Angle Max ⁵	178° horizontal / 178° vertical							
Viewing Angle L50 ⁵	170° H 170° V	160° H 160° V			160° H 140° V	160° H 160° V	160° H 160° V	170° H 160° V
Curvable	No							
Serviceability	Front							
Indoor/Outdoor ⁶	Indoor							
Input Voltage (VAC)	110 / 120 / 208 / 220 / 240 VAC - Single Phase							
Working Voltage	120 / 208 / 240 VAC							
Output Bit Depth ⁷	8-bit Standard (16.7 Million) / Up to 10-bit (>1 Billion)							
Lifetime	>100,000 hours							
NanoSuite	Compatible							
Warranty	6 Year / Extendable to 10							

1 Nixel™ footprint, bespoke sheet metal frame adds 1/2" to overall system height and width

2 This product does not array to exactly 1920x1080

3 Nixel Series™ standard system depth is overall depth of frame+skin topology including finish decor/trim

4 Higher brightnesses are possible through additional customization

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

6 Humidity Resistant (HR) version of Nixel Series™ is available for use in non-air-conditioned, covered outdoor spaces and enclosures – see Nixel Series™ HR specification sheets

7 Nixel Series™ LED displays process at up to 14 bits per channel internally. Final output bit depth is limited by content source capabilities.

