



ENGAGE SERIES

The ultra-slim and simple cabinet-based solution for indoor needs.

- Indoor
- 0.9-2.5mm Pixel Pitch
- 100K Lifetime
- TAA Compliant
- No Mount Needed
- Cable-less

Elevate your environment with the NanoLumens Engage Series™. This flat-panel display series was created to give customers our simplest –and slimmest solution – yet. Ideal for close-distance viewing environments where image clarity is a priority, the Engage Series™ ranges in pixel pitch from 0.93 to 2.5mm. Built into a lightweight cabinet system in a 16:9 ratio,

Engage Series™ displays make it easy to import and showcase all variants of 16:9 content. Engage Series™ displays can be installed and serviced from the front to minimize downtime and impact on infrastructure, and like all NanoLumens display solutions, they come backed by our industry-leading six-year warranty!



Why Nanolumens

At Nanolumens, we've set our sights — and our standards — high when it comes to LED and service. We leverage the best of 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 like gold wiring to ensure your display is a worthwhile investment. Our Warranty coverage starts pixel one ensuring your display is covered 100% from our Atlanta headquarters.

Benefits

16:9 Standard Format

Take the complexity out of content creation and video wall design with our simple 16:9 format cabinets.

Ultra-Slim Frame

The ultra-slim cabinet ensures your display is sleek and modern while also being ADA compliant.

Cable-LESS Interconnects

Engage series LED modules are cable-less making replacement as easy as a snap in and out saving in time and money.

High Quality Materials

Ensure your display will stand the test of time and look great whether its year 1 or year 6.

SPECIFICATIONS: ENGAGE SERIES™

Pixel Pitch	0.9 mm	1.2 mm	1.5 mm	1.8 mm	2.5 mm
Module Size (W X H) ^[1]	600.0 x 337.5 mm / 23.6 x 13.2 in				
Module array per "Full HD"	3 x 3	4 x 4	5 x 5	6 x 6	8 x 8
Module Resolution	640 x 360	480 x 270	384 x 216	320 x 180	240 x 135
Module Depth ^[2]	50 mm / 1.9 in				
Watts/ft ²	62.2 Max / 20.4 Avg	53.7 Max / 16.1 Avg		41.2 Max / 12.3 Avg	45.9 Max / 13.7 Avg
Weight/ft ²	2.34 kg / 5.2 lbs				
Max Brightness (standard) ^[3]	700 nits		850 nits	1200 nits	
Viewing Angle Max	178° horizontal / 178° vertical				
Viewing Angle L50 ^[4]	170° horizontal / 160° vertical	170° horizontal / 170° vertical		160° horizontal / 160° vertical	
Curvable	No				
Serviceability	Front				
Indoor/Outdoor	Indoor				
Input Voltage (VAC)	110 / 120 / 208 / 220 / 240 VAC - Single Phase				
Output Bit Depth ^[5]	8-bit Standard (16.7 Million) / Up to 10-bit (>1 Billion)				
Lifetime	>100,000 hours				
AWARE™	Enabled Upon Request				
Operating Temperature	Operating: 0 to 50C, Non Condensing Humidity				

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

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

3 Higher brightness is available through customization

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

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

