



# CLR VU Series

The building-hugging display that rises to the occasion.

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- Transparent
  - 10-25mm Pixel Pitch
  - Front or Rear Serviceable
  - Indoor or Outdoor
  - Custom Sizing
  - 100K Lifetime

CLRUVU is a transparent, mesh-based technology that creates a high-impact view on the outside with minimal effect on the view from the inside. Available in 10 to 25mm pitches, this technology is created by arranging high brightness LED components into individual modular bars which are assembled into a larger display minimizing any obstructions. Each display is then design built to be integrated into your building to

seamlessly blend into the architecture of your building while allowing the customization of resolution, power consumption, and transparency. See why CLRUVU series is the ultimate solution for large statements without sacrifice.



## 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.

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## Benefits

### Customizable Transparency

Each solution is design built allowing the specification of both resolution and transparency.

### Wide-range of Pixel Pitches

With a wide range of pitches from 10mm - 25mm, viewing distance and clarity are of no concern.

### Architecturally Integrated

Mechanical structure blends effortlessly into the architecture creating a seamless and natural look.

### Durable and Long-Lasting

High quality components ensure the your massive statement is as clear today as in the years to come.

## SPECIFICATIONS: CLRVU

Pixel Pitch	10 mm	12 mm	15 mm	18 mm	20 mm	25 mm
Transparency {1}	35%	42%	50%	55%	60%	65%
Module Size (W X H) {2}	Product is built to specification					
Max Brightness (Standard) {1}	6000 nits					
Viewing Angle Max {3}	160h / 120v					
Viewing Angle L50 {3}	110h / 110v					
Curvable	No					
Serviceability	No					
Indoor/Outdoor	Indoor or Outdoor (IP65 Rated)					
Input Voltage (VAC)	110/120/208/220/240 VAC - Single Phase					
Output Bit Depth {4}	8-bit Standard (16.7 Million) / Up to 10-bit (>1 Billion)					
Lifetime	>100,000 Hours					
Warranty	3 year standard/6 Year Extended					

1 - Estimated based on 1:1 pitch (bar x LED). Final transparency is dictated by the final design.

2 - Each project is designed to the architecture of the building, altering the mechanical and electrical specification. Each project will be provided a specification specific to the design.

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

4 -Performance Series(tm) LED displays process at up to 14 bits per channel internally. Output Bit Depth is limited by the input bit depth and system design throughput.

