



# VIVID (MicroLED)

UNRIVALLED VISUAL EXPERIENCES



COB COMMON CATHODE TECHNOLOGY

## Exceptional Image Quality

Experience unmatched clarity and superior image processing with our VIVID MicroLED Display, the ultimate solution for those who demand nothing but the best in visual technology.

Whether you're looking to elevate your immersive experiences, enhance your corporate presentations, or captivate audiences in artistic installations, the VIVID MicroLED Display delivers unparalleled performance and clarity.



### DCI-P3 Colour

Elevate visual experiences to new heights with our cutting-edge LED display, now DCI-P3 compliant. Designed to deliver unparalleled colour brilliance and accuracy, this state-of-the-art technology sets the stage for captivating and immersive experiences like never before.

DCI-P3

### $\leq 1,000,000:1$ Contrast Ratio

Designed to awe and inspire, the VIVID's industry-leading contrast ratios and HDR capabilities transport you to a realm where every image bursts with life, immersing you in a breathtaking tapestry of colours and details.

### Up to 40% energy savings with VIVID COB!

COB, Flip-Chip and Common Cathode technologies combine to create one of the most advanced, energy efficient, fine pitch displays on the market.





Ultra slim profile -  
28 mm



Superior thermal  
performance



Super-wide  
viewing angle



3840Hz



Up to 40%  
energy saving\*



Market leading  
image quality



Pixel protection  
technology



≤1,000,000:1  
contrast



Common cathode  
technology



## Cool To The Touch

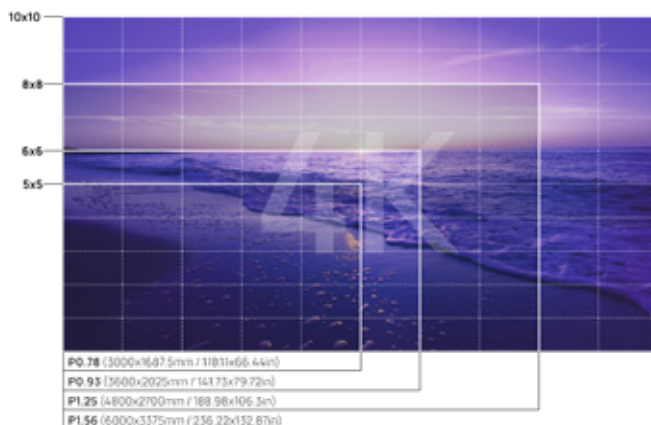
Thanks to the VIVID's low BTU output, there's no need to cool the surrounding environment, translating to significant cost savings often overlooked, like air conditioning expenses. Elevate your displays while being environmentally and budget-conscious.

## Fixed Resolutions & Custom Sizes

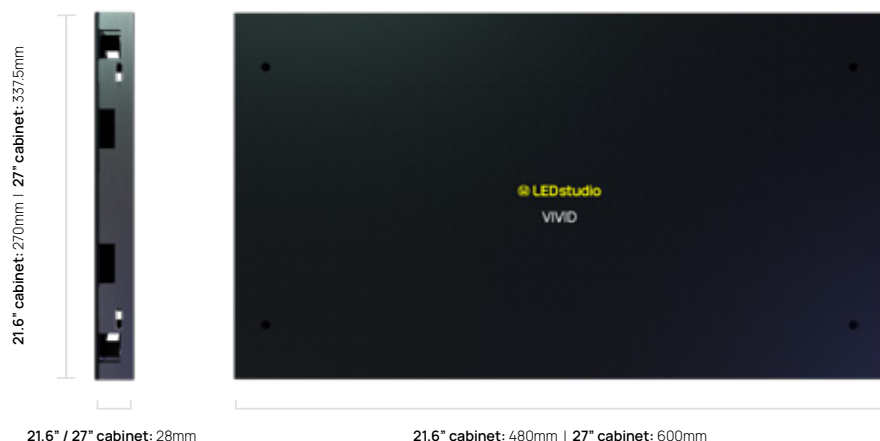
### 21.6" CABINET ARRAYS



### 27" CABINET ARRAYS



## Cabinet Sizes



Home Cinema



Showroom

## Specifications

| 21.6" Cabinet                            |                                   |         |         |         |
|--|-----------------------------------|---------|---------|---------|
| Pixel Pitch (mm)                         | 0.75                              | 1.0     | 1.25    | 1.56    |
| Cabinet Size (W+H+D)                     | 480x270x28mm<br>18.89x10.62x1.1in |         |         |         |
| Cabinet Weight (kg/lbs)                  | 3.1 / 6.83                        |         |         |         |
| Cabinet Resolution (W+H)                 | 640x360                           | 480x270 | 384x216 | 320x180 |
| Aspect Ratio                             | 16:9                              |         |         |         |
| Brightness                               | ≤800 nits                         |         |         |         |
| Contrast Ratio                           | ≤1000000:1                        |         |         |         |
| Refresh Rate                             | ≤3840Hz                           |         |         |         |
| Frame Frequency (Hz)                     | 60 / 120 (3D)                     |         |         |         |
| View Angle                               | 178° / 178°                       |         |         |         |
| Colour Temperature (K)                   | 3,200 ~ 10,000                    |         |         |         |
| Grey-scale                               | 14 bit                            |         |         |         |
| Max Power Consumption (W/m² / W/ft²)     | ≤600/56                           | ≤500/46 | ≤450/42 | ≤450/42 |
| Average Power Consumption (W/m² / W/ft²) | ≤240/22                           | ≤200/19 | ≤150/14 | ≤150/14 |
| Working Voltage                          | AC100 ~ 240V (50~60Hz)            |         |         |         |
| Lifetime Hours                           | 100,000Hrs                        |         |         |         |
| Operating Temperature (°C / °F)          | -20 ~ +60 / -4 ~ +42              |         |         |         |
| Operating Humidity                       | 10% ~ 90%RH                       |         |         |         |
| IP Rating                                | Indoor                            |         |         |         |
| Certification                            | CE, ETL                           |         |         |         |

| 27" Cabinet                              |                                     |         |         |         |
|--|-------------------------------------|---------|---------|---------|
| Pixel Pitch (mm)                         | 0.78                                | 0.94    | 1.25    | 1.56    |
| Cabinet Size (W+H+D)                     | 600x337.5x28mm<br>23.62x13.28x1.1in |         |         |         |
| Cabinet Weight (kg/lbs)                  | 5.2 / 11.46                         |         |         |         |
| Cabinet Resolution (W+H)                 | 768x432                             | 640x360 | 480x270 | 384x216 |
| Aspect Ratio                             | 16:9                                |         |         |         |
| Brightness                               | ≤800 nits                           |         |         |         |
| Contrast Ratio                           | ≤1000000:1                          |         |         |         |
| Refresh Rate                             | ≤3840Hz                             |         |         |         |
| Frame Frequency (Hz)                     | 60 / 120 (3D)                       |         |         |         |
| View Angle                               | 178° / 178°                         |         |         |         |
| Colour Temperature (K)                   | 3,200 ~ 10,000                      |         |         |         |
| Grey-scale                               | 14 bit                              |         |         |         |
| Max Power Consumption (W/m² / W/ft²)     | ≤600/56                             | ≤500/46 | ≤450/42 | ≤450/42 |
| Average Power Consumption (W/m² / W/ft²) | ≤200/19                             | ≤170/16 | ≤150/14 | ≤150/14 |
| Working Voltage                          | AC100 ~ 240V (50~60Hz)              |         |         |         |
| Lifetime Hours                           | 100,000Hrs                          |         |         |         |
| Operating Temperature (°C / °F)          | -20 ~ +60 / -4 ~ +42                |         |         |         |
| Operating Humidity                       | 10% ~ 90%RH                         |         |         |         |
| IP Rating                                | Indoor                              |         |         |         |
| Certification                            | CE, ETL                             |         |         |         |

\*40% energy saving is calculated vs SMD technology when the VIVID display is run at a comparable brightness of 600nits

\*All data contained is subject to change based on project requirements.

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[www.theledstudio.com](http://www.theledstudio.com)

Version 1.4

 LEDstudio



LED display technology  
for tomorrow's world.

Please contact us if you have any questions,  
we're always happy to help

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