



VIVID



MICROLED – UNRIVALLED VISUAL EXPERIENCES.

COB COMMON CATHODE TECHNOLOGY

Resolution & colour superiority.

Experience the highest level of visual clarity with VIVID microLED. Chip on board (COB) delivers the most accurate representation of your photos and videos, bringing your content to life with a stunning DCI-P3 wide colour gamut.

With true 16-bit color, VIVID microLED can reproduce over 16.8 million colors with unmatched precision.

Our state-of-the-art calibration and pixel structure ensure that you always get the best colour quality possible. Upgrade to VIVID microLED and see the world in all its vivid, true-to-life glory.



* Easel TV stand sold separately

16 bit 
colour depth

Up to
40% 
peak brightness for
HDR photos and movies

16.8M 
on screen colours

Up to
30% 
energy saving

DCI-P3 
wide colour gamut

1,000,000:1 
high contrast ratio

HDR 

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Version 1.3

 **LEDstudio**



**Industry-leading
LED Technology**



Ultra slim profile



**Superior thermal
performance**



**Superwide
viewing angle**



Razor-sharp motion



**Up to 30%
energy saving***



**Market leading
image quality**

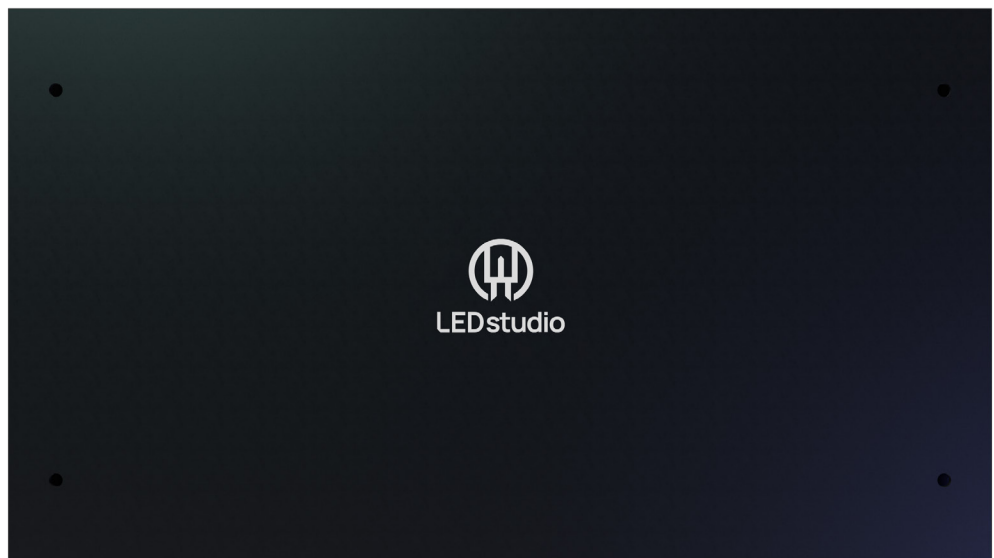
Common Cathode Technology

Immerse yourself in stunning visuals, unparalleled energy efficiency, and vibrant colors that come to life. The VIVID ensures impeccable uniformity and superior thermal management. Each pixel shines independently, delivering consistent brightness and color accuracy across the entire display.

Two Cabinet Sizes



21.6" cabinet: 270mm | 27" cabinet: 337.5mm



21.6" / 27" cabinet: 28mm

21.6" cabinet: 480mm | 27" cabinet: 600mm

SPECIFICATIONS

VIVID microLED (21.6" cabinet)

PHYSICAL PARAMETERS				
Pixel Pitch (mm)	0.75	1.0	1.25	1.5
Unit Size (W × H × D)	480 × 270 × 28mm 18.89 × 10.62 × 1.1in	480 × 270 × 28mm 18.89 × 10.62 × 1.1in	480 × 270 × 28mm 18.89 × 10.62 × 1.1in	480 × 270 × 28mm 18.89 × 10.62 × 1.1in
Unit Weight (kg / lbs)	3.1 / 6.83	3.1 / 6.83	3.1 / 6.83	3.1 / 6.83
OPTICAL PARAMETERS				
Resolution	640 × 360	480 × 270	384 × 216	320 × 180
Aspect Ratio	16:9	16:9	16:9	16:9
Brightness (nits = cd/m²)	≤1000	≤1000	≤1000	≤1000
Contrast Ratio	≤1,000,000:1	≤1,000,000:1	≤1,000,000:1	≤1,000,000:1
Refresh Rate (Hz)	≤3840	≤3840	≤3840	≤3840
Frame Frequency (Hz)	60 / 3D: 120	60 / 3D: 120	60 / 3D: 120	60 / 3D: 120
Viewing Angle	178° / 178°	178° / 178°	178° / 178°	178° / 178°
Color Temperature (K)	3200 ~ 10000	3200 ~ 10000	3200 ~ 10000	3200 ~ 10000
Display Native Colour Space	DCI-P3	DCI-P3	DCI-P3	DCI-P3
ELECTRICAL PARAMETERS				
Power Consumption Max (W/m² / W/ft²)	≤600 / 56	≤500 / 46	≤450 / 42	≤450 / 42
Power Consumption Typical (W/m² / W/ft²)	≤240 / 22	≤200 / 19	≤150 / 14	≤150 / 14
Working Voltage	AC: 100V ~ 240V, 50 ~ 60Hz	AC: 100V ~ 240V, 50 ~ 60Hz	AC: 100V ~ 240V, 50 ~ 60Hz	AC: 100V ~ 240V, 50 ~ 60Hz
ADDITIONAL FEATURES				
Lifetime (Hours)	100,000	100,000	100,000	100,000
Operating Temp (°C / °F)	-20 ~ +60 / -4 ~ +42	-20 ~ +60 / -4 ~ +42	-20 ~ +60 / -4 ~ +42	-20 ~ +60 / -4 ~ +42
Humidity Range (%)	10 ~ 90	10 ~ 90	10 ~ 90	10 ~ 90

VIVID microLED (27" cabinet)

PHYSICAL PARAMETERS				
Pixel Pitch (mm)	0.78125	0.9375	1.25	1.5625
Unit Size (W × H × D)	600 × 337.5 × 28mm 23.62 × 13.28 × 1.1in	600 × 337.5 × 28mm 23.62 × 13.28 × 1.1in	600 × 337.5 × 28mm 23.62 × 13.28 × 1.1in	600 × 337.5 × 28mm 23.62 × 13.28 × 1.1in
Unit Weight (kg / lbs)	5.2 / 11.46	5.2 / 11.46	5.2 / 11.46	5.2 / 11.46
OPTICAL PARAMETERS				
Resolution	768 × 432	640 × 360	480 × 270	384 × 216
Aspect Ratio	16:9	16:9	16:9	16:9
Brightness (nits = cd/m²)	≤1000	≤1000	≤1000	≤1000
Contrast Ratio	≤1,000,000:1	≤1,000,000:1	≤1,000,000:1	≤1,000,000:1
Refresh Rate (Hz)	≤3840	≤3840	≤3840	≤3840
Frame Frequency (Hz)	60 / 3D: 120	60 / 3D: 120	60 / 3D: 120	60 / 3D: 120
Viewing Angle	178°	178°	178°	178°
Color Temperature (K)	3200 ~ 10000	3200 ~ 10000	3200 ~ 10000	3200 ~ 10000
Display Native Colour Space	DCI-P3	DCI-P3	DCI-P3	DCI-P3
ELECTRICAL PARAMETERS				
Power Consumption Max (W/m² / W/ft²)	≤600 / 56	≤500 / 46	≤450 / 42	≤450 / 42
Power Consumption Typical (W/m² / W/ft²)	≤200 / 19	≤170 / 16	≤150 / 14	≤150 / 14
Working Voltage	AC: 100V ~ 240V, 50 ~ 60Hz	AC: 100V ~ 240V, 50 ~ 60Hz	AC: 100V ~ 240V, 50 ~ 60Hz	AC: 100V ~ 240V, 50 ~ 60Hz
ADDITIONAL FEATURES				
Lifetime (Hours)	100,000	100,000	100,000	100,000
Operating Temp (°C / °F)	-20 ~ +60 / -4 ~ +42	-20 ~ +60 / -4 ~ +42	-20 ~ +60 / -4 ~ +42	-20 ~ +60 / -4 ~ +42
Humidity Range (%)	10 ~ 90	10 ~ 90	10 ~ 90	10 ~ 90

*30% energy saving is calculated vs SMD technology when the VIVID display is run at a comparable brightness of 800nits
*All data contained is subject to change.



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

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