



THE EDGE SERIES | 43" EDGE Pro

THREE LED TECHNOLOGIES. TWO MOUNTING METHODS. ONE PLATFORM.



SMD | FLIP CHIP | COB

Sustainability at its CORE

Emphasising sustainability and genuine ESG commitment, our Award-Winning 43" EDGE Pro stands as a truly eco-friendly solution, transcending mere buzzwords.

We strive to break free from the throwaway culture. With our in-house designed V1 Architecture, select from THREE pixel technologies, and tailor the display to your precise requirements.

Choose the pixel technology that's right for you!

SMD

The EDGE Pro takes full advantage of our high quality SMD technology. Content has never looked better.

This traditional LED pixel technology offers great value for money and stunning visual performance.

Up to
800 nits 
peak brightness


16:9 
aspect ratio

sRGB 
colour gamut

22 bit
grayscale

COB (Flip Chip Common Cathode)

The ultimate energy saving pixel technology. Designed to significantly reduce running costs and your carbon footprint, improve durability and produce stunning visuals.

Up to
1,000 nits 
peak brightness for your HDR photos and videos

16:9 
aspect ratio

DCI-P3 
wide colour gamut


Up to
40% 
energy saving



Flip Chip SMD

When the very best of the The LED Studio & VOD combine – The result is simply outstanding.

If 800 nits isn't enough then perhaps 1200 nits is. Capable of 1200 nits of peak brightness, all whilst running cool, this technology saves you money through superior energy efficiency; the result is an LED display that is cool to the touch whilst being impactfully bright.

Up to
1,200 nits 
peak brightness for your HDR photos and videos

Up to
25% 
energy saving

DCI-P3 
wide colour gamut

Up to
1.5x 
brighter than standard SMD

Flip Chip SMD (high-bright)

If 1200 nits doesn't hit the spot, maybe 4000 nits will.

Designed for exterior facing windows or applications with high ambient light, our Flip Chip high bright technology is designed to light up any space. Welcome to fine pixel pitch technology that can be seen from miles around.

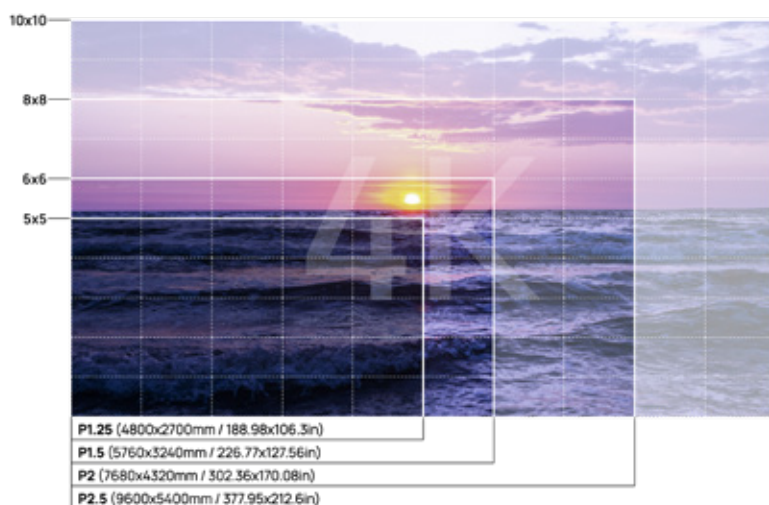
Up to
4,000 nits 
peak brightness for your HDR photos and videos

Up to
25% 
energy saving

DCI-P3 
wide colour gamut

Up to
4x 
brighter than standard SMD

Fixed Resolutions & Custom Sizes



COLOUR EXHIBITION
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 www.theledstudio.com

- Superior colour accuracy
- Lightweight - 11kg per cabinet
- Up to 40% energy saving*
- 16:9 Aspect Ratio
- COB pixel protection as standard*
- GOB (pixel protection technology) - Available on SMD and Flip Chip*



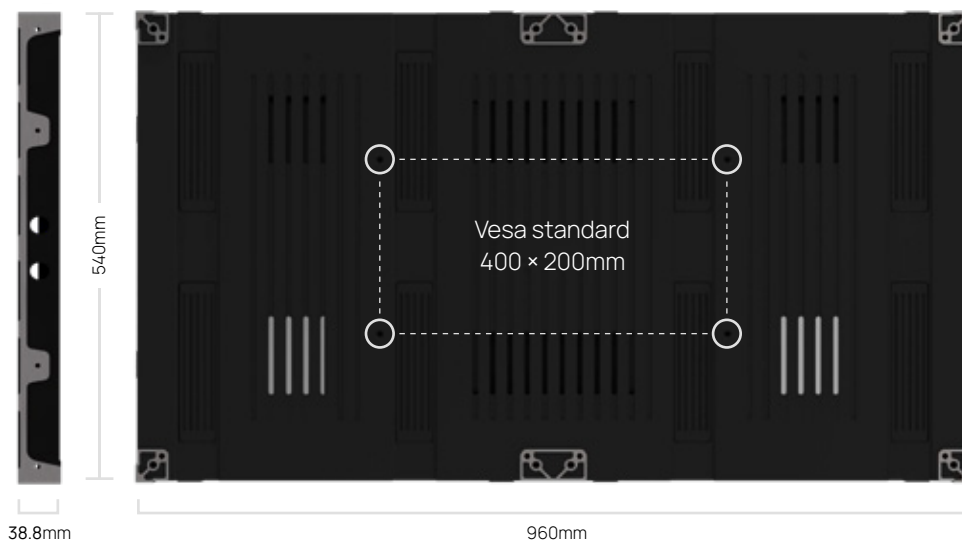
The Multi-Award-Winning **EDGE Series** utilises our **Eco-Friendly V1 Architecture** technology, enabling users to upgrade pixel pitch or pixel technology at any time, whilst retaining existing cabinet hardware.

Two mounting methods

Having the freedom to attach a LED display to an existing mounting solution can make a big difference. The industry standard VESA or wall mounting options enables the EDGE Pro platform to be attached in a matter of seconds for quick and easy mounting.



Wall mounts



RETAIL



CORPORATE



CONTROL ROOM

IMMERSIVE

“

I applaud LED Studio, and hope that other AV companies will adopt a similar philosophy of reducing waste...

- AVTechnology Judge's Table

”



SPECIFICATIONS

SMD						
Pixel Pitch (mm)	0.9375	1.25	1.5	1.875	2.0	2.5
Cabinet Size (W+H+D)	960x540x38.8mm 37.79x21.25x1.52in					
Cabinet Weight (kg/lbs)	11 / 24.25					
Cabinet Resolution (W+H)	1024x576	768x432	640x360	512x288	480x270	384x216
Aspect Ratio	16:9					
Brightness	≥600 nits			≥800 nits		
Refresh Rate	3840Hz					
Colour Temperature (K)	2,500 ~ 10,000					
Max Power Consumption (W/m² / W/ft²)	≤600/56	≤600/56	≤600/56	≤500/46	≤480/45	≤450/42
Average Power Consumption (W/m² / W/ft²)	≤200/19	≤200/19	≤200/19	≤170/16	≤160/15	≤150/14
Working Voltage	AC100 ~ 240V (50~60Hz)					
Lifetime Hours	≥100,000Hrs					
Operating Temperature (°C / °F)	-20 ~ +60 / -4 ~ +140					
Operating Humidity	10% ~ 90%RH					

FLIP CHIP SMD						
Pixel Pitch (mm)	1.25	1.5	1.875	2.0	2.5	
Cabinet Size (W+H+D)	960x540x38.8mm 37.79x21.25x1.52in					
Cabinet Weight (kg/lbs)	11 / 24.25					
Cabinet Resolution (W+H)	768x432	640x360	512x288	480x270	384x216	
Aspect Ratio	16:9					
Brightness	≥2,000 nits					
Refresh Rate	3840Hz					
Colour Temperature (K)	2,500 ~ 10,000					
Features	Common Cathode					
Max Power Consumption (W/m² / W/ft²)	≤700/65					
Average Power Consumption (W/m² / W/ft²)	≤250/23					
Working Voltage	AC100 ~ 240V (50~60Hz)					
Lifetime Hours	≥100,000Hrs					
Operating Temperature (°C / °F)	-20 ~ +60 / -4 ~ +140					
Operating Humidity	10% ~ 90%RH					

FLIP CHIP SMD (High Brightness)						
Pixel Pitch (mm)	1.25	1.5	1.875			
Cabinet Size (W+H+D)	960x540x38.8mm 37.79x21.25x1.52in					
Cabinet Weight (kg/lbs)	11 / 24.25					
Cabinet Resolution (W+H)	768x432	640x360	512x288			
Aspect Ratio	16:9					
Brightness	≥4,000 nits					
Refresh Rate	3840Hz					
Colour Temperature (K)	2,500 ~ 10,000					
Features	Common Cathode					
Max Power Consumption (W/m² / W/ft²)	≤980/91					
Average Power Consumption (W/m² / W/ft²)	≤350/33					
Working Voltage	AC100 ~ 240V (50~60Hz)					
Lifetime Hours	≥100,000Hrs					
Operating Temperature (°C / °F)	-20 ~ +60 / -4 ~ +140					
Operating Humidity	10% ~ 90%RH					

COB						
Pixel Pitch (mm)	1.875	2.5				
Cabinet Size (W+H+D)	960x540x38.8mm 37.79x21.25x1.52in					
Cabinet Weight (kg/lbs)	11 / 24.25					
Cabinet Resolution (W+H)	512x288	384x216				
Aspect Ratio	16:9					
Brightness	≥1,000 nits					
Refresh Rate	3840Hz					
Colour Temperature (K)	2,000 ~ 12,000					
Features	Common Cathode					
Max Power Consumption (W/m² / W/ft²)	≤450/42					
Average Power Consumption (W/m² / W/ft²)	≤180/17					
Working Voltage	AC100 ~ 240V (50~60Hz)					
Lifetime Hours	≥100,000Hrs					
Operating Temperature (°C / °F)	-10 ~ +40 / +14 ~ +104					
Operating Humidity	10% ~ 80%RH					

*All data contained is subject to change based on project requirements.
*40% energy saving is calculated vs SMD of same pixel pitch and when run at same NIT output. Savings may vary.
*GOB is an optional upgrade on all SMD and Flip Chip displays.
*COB pixel protection - COB displays come with a protective resin as standard.



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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