



AXIS (MicroLED)

Low Cost, High Impact LED.



@LEDstudio
AXIS



Introducing AXIS, the smart, streamlined LED solution built on the trusted foundation of our flagship VIVID series. Delivering exceptional visual performance and rock-solid reliability, AXIS brings the quality you expect from The LED Studio, at a price point that makes premium display technology more accessible than ever.

We've carefully refined the AXIS range to focus on what matters most: visual clarity, seamless integration, and dependable operation. By removing non-essential extras, we've created a lean, high-impact display solution that doesn't compromise where it counts.

Ideal for high-traffic environments, retail campaigns, educational spaces, and large-scale installations, AXIS is engineered for speed, simplicity, and scalability. It's quick to deploy, easy to maintain, and rigorously tested to meet the same exacting standards behind every product we deliver.

Why choose AXIS?

Essential performance:

Powered by the same backbone as VIVID, without the extras.

Lower cost of ownership:

Designed to deliver value where it counts.

Scalable & versatile:

Ideal for channel partners, integrators, and end-users alike.

Proven reliability:

Built to the same quality standards that define The LED Studio.

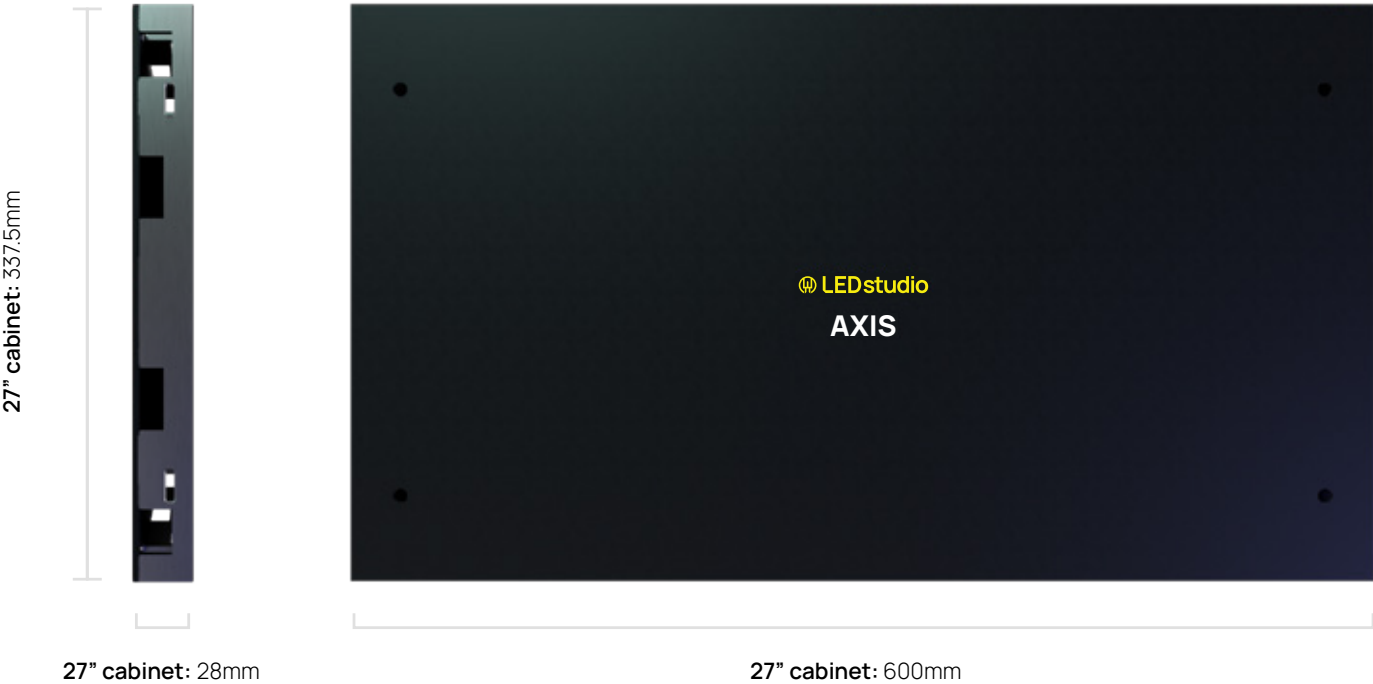
Whether you're transforming a corporate lobby, powering a retail rollout, or bringing an education space to life with digital content, AXIS delivers trusted LED Studio engineering—streamlined for accessibility and ease.

AXIS by name. Essential by nature.

Your story, in every pixel—now more affordable than ever.



Cabinet Sizes



27" CABINET ARRAYS



27" CABINET ARRAYS



Features

Slim profile - 31mm	
Superior thermal performance	
Super-wide viewing angle	
3840Hz	
Energy saving*	
Market leading image quality	
Pixel protection technology	
≤1,000,000:1 contrast	
Common cathode technology	



Cool To The Touch

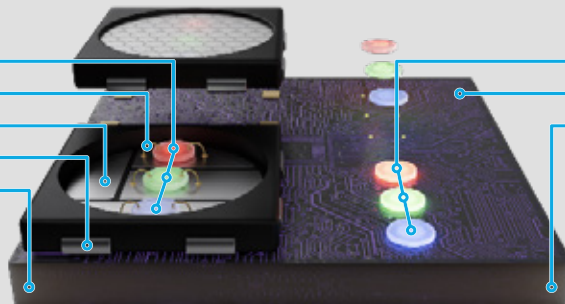
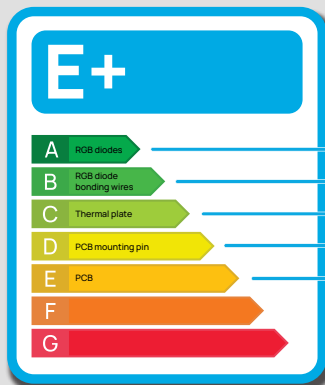
Thanks to the low BTU output, there's no need to cool the surrounding environment, translating to significant cost savings often overlooked, like air conditioning expenses. Elevate your displays while being environmentally and budget-conscious.

THE CLOCK IS TICKING, AND SO IS YOUR ENERGY METER!

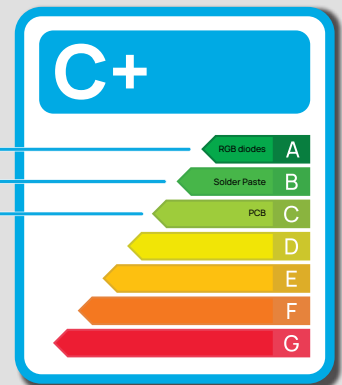
We've gone under the microscope, allowing you to see the components that make up an SMD pixel versus a COB Flip Chip (common cathode) pixel first-hand.

As you can see, the SMD pixel structure has many more component layers VS the COB Flip Chip pixel. When you add components to a circuit, you increase the resistance, resulting in **WASTED ENERGY** in the form of heat.

SMD Resistance Layers



COB Resistance Layers



SPECIFICATIONS - AXIS 27”

Core Specifications				
Pixel Pitch	0.9	1.25	1.5	1.8
Pixel Configuration	COB			
Cabinet Size (mm) (ft'in") (W×H×D)	600 x 337.5 x 31 / 23.62 x 13.29 x 1.22			
Cabinet Resolution (pixels) (W×H)	640 x 360	480 x 270	384 x 216	320 x 180
Cabinet Weight (kg/lbs)	4.5 / 9.92			
Brightness (nits)	600			
Contrast Ratio	≤1,000,000:1			
Lifetime Hours ≥	Up to 100,000			
Technical Specifications				
Viewing Angle°	170			
Refresh Rate* (Hz)	3840			
Working Voltage	AC100-240V 50/60Hz			
Frame Rate	60FPS			
Operating Temperature (°C / °F)	0°C / 32°F - 40°C / 104°F			
Colour Temperature (K)	7000K			
Operating Humidity (RH)	10% - 90%			
Maximum Power Consumption (W/m²) (W/ft²)	150W/m² (14W/ft²)			
Average Power Consumption (W/m²) (W/ft²)	100W/m² (9W/ft²)			

For full specifications, contact us at: sales@theledstudio.com | +44 (0) 20 3832 9500

*All data contained is subject to change based on project requirements.
*Scan Rate and Refresh Rate subject to project specifications.
*Average power consumption is subject to display brightness and pixel configuration.

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