



OMNI Pro

MAXIMISING YOUR COLLABORATION POTENTIAL



**PIXEL TECHNOLOGY OPTIONS:
SMD
COB FLIP CHIP COMMON CATHODE**

ULTRA-WIDE - 21:9 - ALL-IN-ONE

Ultra-Wide Aspect Ratio

A 21:9 display enhances productivity, offers immersive gaming and movie experiences, and is ideal for creative work, reducing the need for multiple monitors.

- Enhanced productivity with more screen space.
- Immersive gaming experience with wider field of view.
- Optimal for watching movies without letterboxing.
- Ideal for creative tasks like video editing and design.
- Replaces the need for dual-monitor setups.
- Beneficial for programmers with multiple windows.



BENEFITS OF COB FLIP CHIP COMMON CATHODE:



Improved Thermal Management:

Reduces heat, prolonging LED lifespan and enhancing performance.



Increased Energy Efficiency:

Lowers power consumption, saving energy and reducing costs.



Enhanced Durability:

Direct mounting on substrate increases shock and vibration resistance.



Better Color Accuracy:

Ensures superior color accuracy and contrast, ideal for high-quality displays.

Contact us: +44 (0)20 3832 9500

www.theledstudio.com

Version 1.2

LEDstudio



Ultra-Wide Ratio



Improved Energy Efficiency



2 Pixel Choices: SMD or COB



HDR Capable



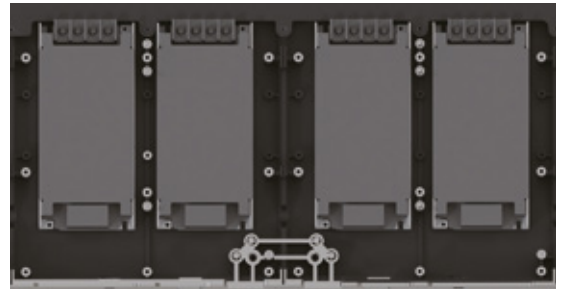
Dual Backup/ Redundancy



The OMNI Pro is an unparalleled choice, expertly crafted to excel in challenging settings such as control rooms, command centers, luxurious home cinemas, and sophisticated corporate applications. It blends cutting-edge technology with robust design, ensuring optimal performance and reliability in these demanding environments

Dual Backup/ Redundancy

The OMNI Pro features full, power and data redundancy. This significantly improves stability and reliability in mission critical environments.





Control Rooms



Corporate



E-Sports



Home Cinema

SPECIFICATIONS

SMD				
Pixel Pitch (mm)	1.25	1.56	1.8	2.5
Cabinet Resolution (W+H)	640×270	512×216	424×180	320×135
Module Size (mm) (W×H)	200×337.5			
Cabinet Size (mm) (W×H×D)	800×337.5×38			
Brightness (nits)	≤800			≤1200
Gray Scale (bit)	14~16			
Pixel Calibration	Support brightness and color calibration			
Colour Temperature	2000 ~ 12000 (adjustable)			
Control System	Synchronous control			
Drive Mode	Constant current drive (Compatible)			
Frame Rate (Hz)	50/60			
Refresh Rate (Hz)	≥3840			
Working Voltage (V)	AC100 ~ 240V (50~60Hz)			
Max. Power Consumption (W/m2)	≤725	≤680	≤600	≤780
Avg. Power Consumption (W/m2)	≤280	≤270	≤240	≤310
Lifetime (H)	≤100,000			
Operating Temperature (°C / °F)	-10 ~ +40 / +14 ~ +104			
Storage Temp (°C)	-20 ~ +60 / -4 ~ +140			
Operating Humidity	10% ~ 80%			
Cabinet Weight (kg/lbs)	6.8 / 15			

COB		
Pixel Pitch (mm)	1.25	1.56
Cabinet Resolution (W+H)	640×270	512×216
Module Size (mm) (W×H)	200×337.5	
Cabinet Size (mm) (W×H×D)	800×337.5×38	
Brightness (nits)	≤1000	
Gray Scale (bit)	14~16	
Pixel Calibration	Support brightness and color calibration	
Colour Temperature	2000 ~ 12000 (adjustable)	
Control System	Synchronous control	
Drive Mode	Constant current drive (Compatible)	
Frame Rate (Hz)	50/60	
Refresh Rate (Hz)	≥3840	
Working Voltage (V)	AC100 ~ 240V (50~60Hz)	
Max. Power Consumption (W/m2)	≤450	
Avg. Power Consumption (W/m2)	≤180	
Lifetime (H)	≤100,000	
Operating Temperature (°C / °F)	-10 ~ +40 / +14 ~ +104	
Storage Temp (°C)	-20 ~ +60 / -4 ~ +140	
Operating Humidity	10% ~ 80%	
Cabinet Weight (kg/lbs)	6.8 / 15	

*All data contained is subject to change.

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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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