

Engineered for Excellence:
Ultimate Performance,
Durability & Visual Impact



LED Treatment Protection (LTP)

Proprietary LTP coating offers 100% UV and impact protection, ensuring long-term durability against dust, water, and static - ideal for all environments.



Magnetic Front Lock (M-Lock)

Front-access magnetic system enables fast, tool-free maintenance with enhanced anti-theft and shock resistance - perfect for public spaces.

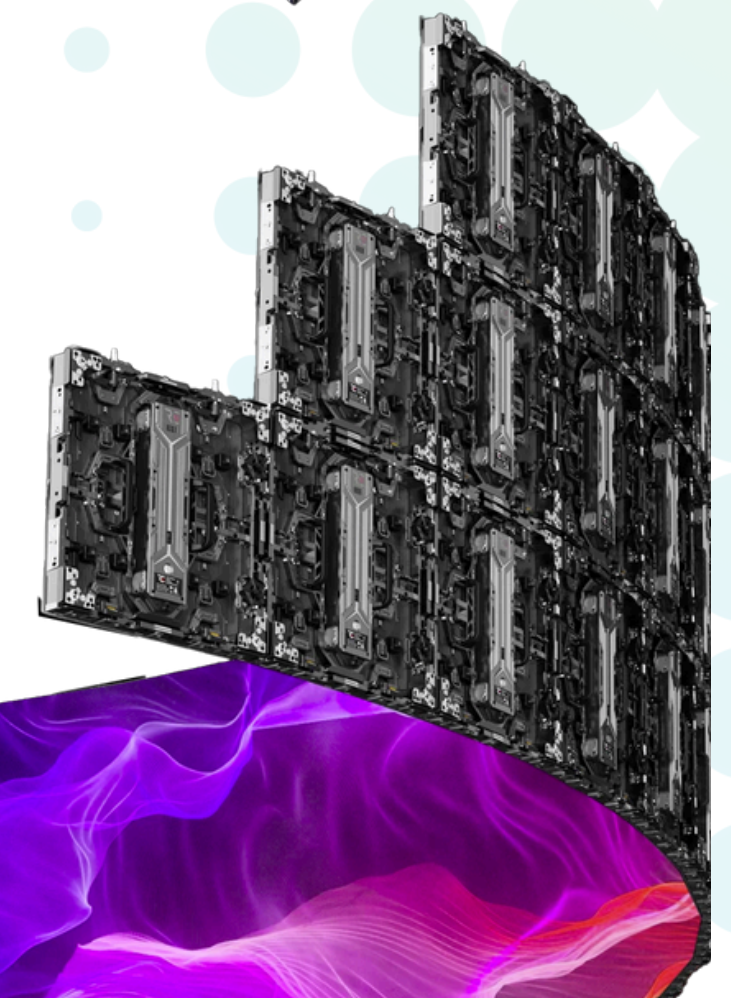


MicroX Technology

Achieves high brightness, deep contrast, and a 30–40% wider viewing angle. Designed for both durability and XR visual precision.

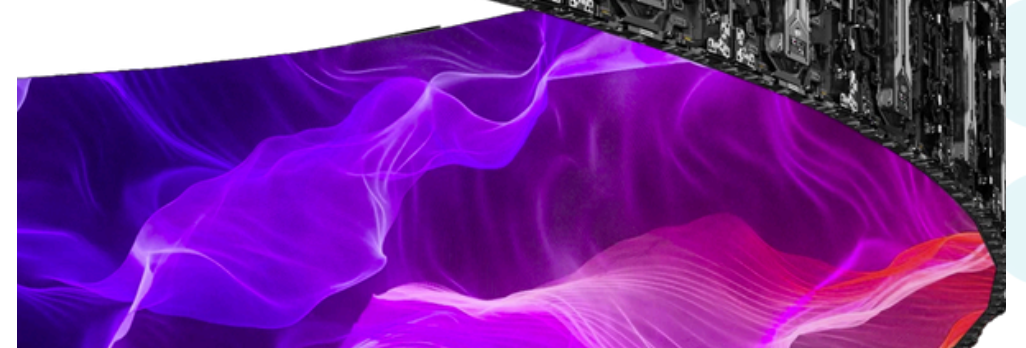
True Black SMD Technology

Delivers rich contrast, deeper blacks, and better grayscale performance - exceptional even in low-light or high-brightness conditions.



Versatile Installation Options

Supports wall-mounting, stacking, hanging, and 90° seamless corners for ultimate creative flexibility.



LDC500XXSFP-LTP

SPECIFICATIONS

Type	LDC50012SFP-LTP	LDC50015SFP-LTP	LDC50019SFP-LTP	LDC50026SFP-LTP
LED Type	SMD1010	SMD1010	SMD1010	SMD1515
Pixel Pitch (mm)	1.25	1.56	1.95	2.6
Cabinet Resolution (px)	408 x 408	320 x 320	256 x 256	192 x 192
Cabinet Size (W x H x D mm)	500 x 500 x 59.75			
Cabinet Weight (kg)	9			
Module Size (mm)	250 x 250			
Module Resolution (mm)	204 x 204	160 x 160	128 x 128	96 x 96
Brightness (cd/m²)	700	1000		
Contrast	6000:1			
Refresh Rate (Hz)	3840			
Scan Rate	1 / 34	1 / 32		1 / 16
Gray Scale (bit)	16			
Power Consumption Max / Ave (W/m²)	520 / 220			
Viewing Angle H / V (deg)	160 / 160			
Cabinet Material	Aluminum			
Maintenance	Front and Rear			
AC Input Voltage (V)	100-240			
Operating Temperature (°C)	-20 ~ 50			
Certificates	CE, EMC, TUV-EMC, FCC, ETL, UL, PSE, CCC, ROHS			

*All data provided are from factory lab and are subject to change without prior notice.



LDC500XXWPR-V

CABINET DIAGRAM

