

AOC

Full-Color Flexible LED Soft Modules

LU Series

LU201/5CHA/96



Versatile installation



Uninterrupted running



Free-form tiling



Easy Maintenance

AOC Full-Color Flexible LED Soft Modules

Crafted with ultra-flexible substrates, these modules enable bending and seamless tiling to effortlessly form curved, cylindrical, or irregular 3D structures. Transform flat 2D displays into immersive 3D visual experiences with 360° panoramic coverage.

Bendable & Twistable / Highly Malleable

Highly bendable, foldable, and twistable, these modules conform to irregular surfaces such as cylinders, waves, and curves, unlocking limitless possibilities for creative displays and specialized installations.

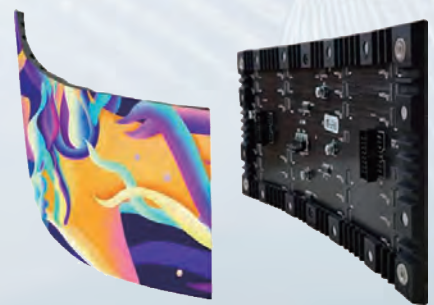


High resolution and brightness

Despite its flexible design, the display maintains high resolution and brightness, delivering sharp, vibrant, and lifelike visuals to meet diverse viewing demands across scenarios.

Seamless tiling

Effortless tiling in both horizontal and vertical orientations enables seamless integration into large-scale displays, with virtually invisible gaps that preserve visual continuity and smoothness



Easy Installation & Maintenance

Built-in high-strength magnets on the module's rear enable instant attachment to metal surfaces without screws, facilitating rapid installation and removal.

Specifications

LU201/5CHA/96

Physical Parameter	Pixel Pitch(mm)	2.0
	LED Type LED	SMD
	Resolution of LED Module (W × H)	160*80
	LED Module Size(W × H)	320*160*8
	Pixel Density (m ²)	250000
	Material	Rubber Bottom Shell
	Bending angle	110° -180°
Optical Parameter	Brightness	500nits
	Color Temperature - Adjustable	3200—9300K Adjustable
	Viewing Angle H/V	140°/ 140°
	Max Contrast Ratio	5000:1
	Frame Rate	50-60 Hz
	Refresh Rate	3840 Hz
	Gray Scale Processing	13 bit
Electrical Parameter	Average Power Consumption(W/m ²)	≤114
	Max Power Consumption(W/m ²)	≤345
	Input Power Voltage	AC 100~240, 50-60Hz
Operation Conditions	Life span, typ.	100,000 Hrs
	Operating Temp/Humidity	-10 - 45 °C/ 10% - 65%RH
	Storage Temp/Humidity	0 - 40°C/ 10% - 60%RH
	IP Rating	IP30
Service	Servicing	Front