

Display Solution
Flexible LED Module



We Shine Your Way To Success

Enjoy the freedom of design with Flexible LED Screens that easily adapt to curved, concave, convex and irregular surfaces. Perfect for unique architectural designs, these modules deliver vivid, high-resolution visuals while maintaining flexibility and durability.

Available Pixel Pitch :

P1.25 | P1.53 | P1.86 | P2.0 | P2.5 | P3.0

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Flexible Module

P1.25 | P1.53 | P1.86 | P2.0 | P2.5 | P3.0

Transform any space with Flexible LED Modules, designed to fit curved, concave, convex, and irregular surfaces with ease. Perfect for unique architectural designs, these modules offer vivid, high-resolution visuals while maintaining flexibility and durability.



The PCB uses a silicone base and mask to achieve radian distortion.



It is flexible, lightweight and easy to install, and supports pre/post maintenance.



It can be bent, wound, combined and spliced with artistic shape.



Soft, thin and light, applicable to various scenarios.



Diversified product specifications to meet the needs of different size area.



Support point by point correction function, ensure color and brightness consistency.



360° viewing Angle, all-round display.



With high contrast and gray level, high-definition and delicate picture, rich color, clear and natural picture.



Perfect For:

- ✦ Creative Installations – Museums, galleries, and exhibitions
- ✦ Retail & Commercial Spaces – Unique advertising displays and signage
- ✦ Stage & Event Design – Dynamic backdrops and immersive environments
- ✦ Architectural Applications – Curved walls, columns, and building facades

Product Details



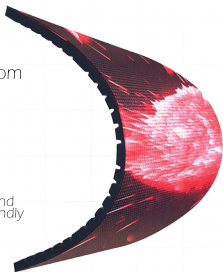
Silicone bottom
shell



Flame retardant and
environmentally friendly
materials



High Quality LEDs



Personality
Design



Strong Magnet



Cable Socket

Product Parameters

P1.25 | P1.53 Flexible Module

Pixel Pitch	1.25 mm	1.53 mm
Resolution (Width x Height)	256 x 128 pixels	208 x 104 pixels
Pixel Density (pixels/m²)	640,000	426,000
LED Configuration	SMD 1515	
Module Size	320 mm x 160 mm	
Brightness	≥600 - 800 nits (adjustable)	
Viewing Angle	Horizontal: 160° / Vertical: 160°	
Color Depth	16-bit	
Refresh Rate	≥3840 Hz	
Color Temperature	3000K–9500K (adjustable)	
Driving Method	1/32 Scan	
Input Voltage	DC 4.2–5V	
Power Consumption	Max: 30 W/module / Avg: 15 W/module	
Power Supply Efficiency	≥85%	
Weight	~0.35 kg/module	
Module Thickness	≤8.5 mm	
Operating Temperature	-10°C to +40°C	
Protection Grade	IP20 (indoor use)	
Input Signal	HDMI, DVI, DP (via controller)	
Control System	Compatible with Novastar, Colorlight	
Lifespan	>100,000 hours under proper usage conditions	
Ultra-Thin & Lightweight	Designed for creative indoor installations	
High Flexibility	Suitable for curved, cylindrical, or custom-shaped displays	
Easy Installation	Magnetic backing and modular design for seamless assembly	

Product Parameters

PP1.83 | P2.5 | P3.0 Flexible Module

Pixel Pitch	1.86mm	2.5mm	3.0mm
Resolution (Width x Height)	172 x 86	128 x 64	104 x 52
Pixel Density (pixels/m²)	288,906	160,000	106,496
LED Configuration	SMD 1515	SMD 2121	SMD 2121
Module Size	320 mm x 160 mm		
Brightness	≥600 - 800 nits (adjustable)		
Viewing Angle	Horizontal: 160° / Vertical: 160°		
Color Depth	16-bit		
Refresh Rate	≥3840 Hz		
Color Temperature	3000K-9500K (adjustable)		
Driving Method	1/32 Scan		
Input Voltage	DC 4.2-5V		
Power Consumption	Max: 30 W/module / Avg: 15 W/module		
Power Supply Efficiency	≥85%		
Weight	~0.35 kg/module		
Module Thickness	≤8.5 mm		
Operating Temperature	-10°C to +40°C		
Protection Grade	IP20 (indoor use)		
Input Signal	HDMI, DVI, DP (via controller)		
Control System	Compatible with Novastar, Colorlight		
Lifespan	>100,000 hours under proper usage conditions		
Ultra-Thin & Lightweight	Designed for creative indoor installations		
High Flexibility	Suitable for curved, cylindrical, or custom-shaped displays		
Easy Installation	Magnetic backing and modular design for seamless assembly		

Product Parameters

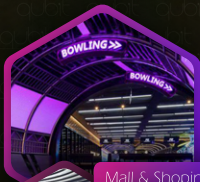
P2.0 | P1.86 Flexible Module

Pixel Pitch	1.86 mm	2.0 mm
Resolution (Width x Height)	128 x 64 pixels	120 x 60 pixels
Pixel Density (pixels/m²)	288,906	250,000
LED Configuration	SMD 1515	
Module Size	240 mm x 120 mm	
Brightness	≥600 - 800 nits (adjustable)	
Viewing Angle	Horizontal: 160° / Vertical: 160°	
Color Depth	16-bit	
Refresh Rate	≥3840 Hz	
Color Temperature	3000K–9500K (adjustable)	
Driving Method	1/32 Scan	
Input Voltage	DC 4.2–5V	
Power Consumption	Max: 30 W/module / Avg: 15 W/module	
Power Supply Efficiency	≥85%	
Weight	~0.27 kg/module	
Module Thickness	≤8.5 mm	
Operating Temperature	-10°C to +40°C	
Protection Grade	IP20 (indoor use)	
Input Signal	HDMI, DVI, DP (via controller)	
Control System	Compatible with Novastar, Colorlight	
Lifespan	>100,000 hours under proper usage conditions	
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Multiple Usage



Hospitals



Mall & Shopping

Airports



Show & Event

Museums



Occasions