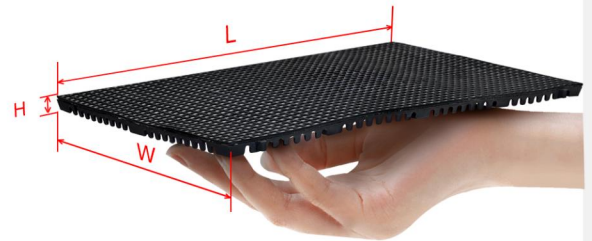# Ribbon series

Ribbon module made by soft PCB and rubber material, it's soft enough to make different shapes for any creative applications. With 5mm thickness and magnetic connection, they can be fixed according to the frame structures, such as round, circle, cylinder, etc. Integrated seamlessly with a variety of other video products to reduce installation expenses and improve aesthetics, it's lighter and thinner than conventional LED display.

Ultra soft, flexible appilications

Light weight, space efficiency
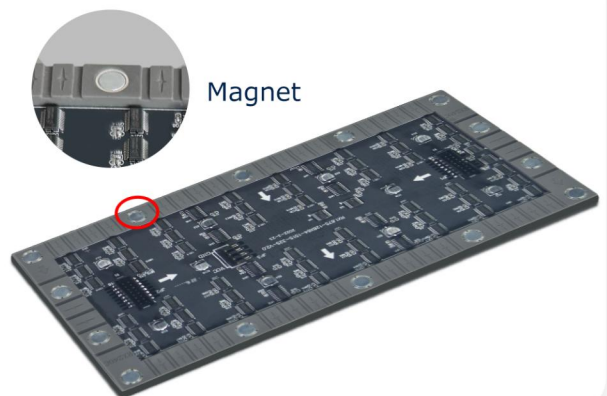
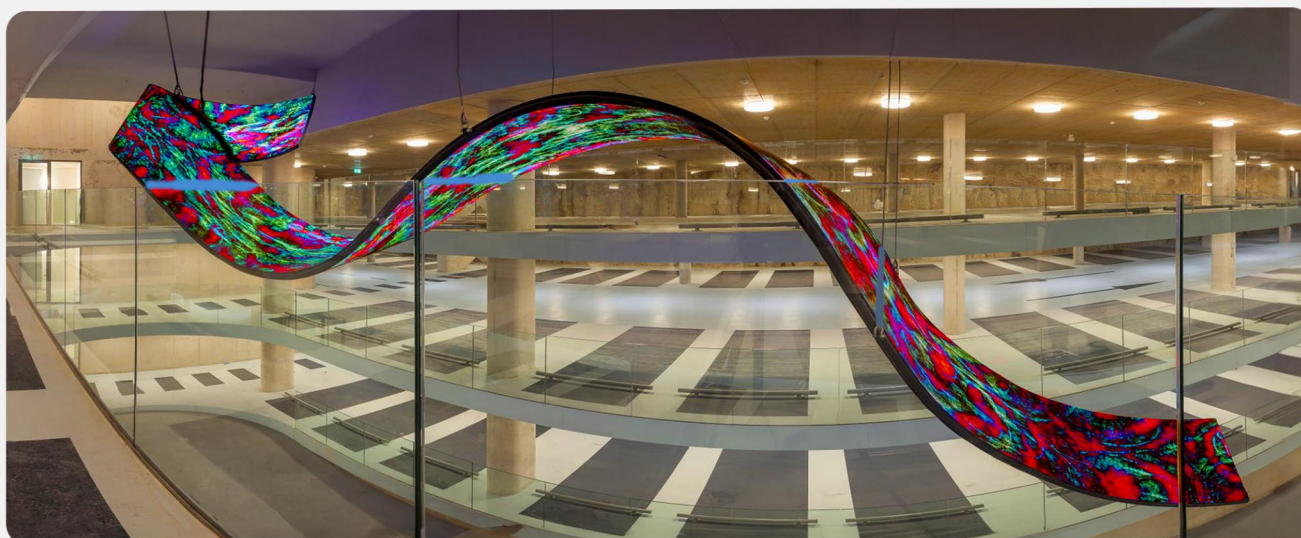Slim and thin with 6mm thickness
270g/module for spacefree installation

Front maintenance

Magnetic self-locks

Magnet

Freely build the LED display in your mind

Specification

	P Series (W/O Flash)					PF Series (With Flash)		
Model	P 1.25	P 1.5	P 1.8	P 2.0	P 2.5	PF 1.25	PF 1.5	PF 1.8
Pixel pitch(mm)	1.25	1.5	1.8	2.0	2.5	1.25	1.5	1.8
LED type	SMD 1010	SMD 1212	SMD 1515	SMD 1515	SMD 2020	SMD 1010	SMD 1212	SMD 1212
Panel size(mm)	320×160 / 240×120					250×125		
Pixel density (pixels/ m²) (☆320×160) (★240×120)	☆★ 640,000	☆422,500 ★401,111	☆288,907 ★284,444	☆★ 250,000	☆★ 160,000	640,000	409,600	295,936
LED board with flash	No	No	No	No	No	Yes	Yes	Yes
Scan mode (☆320×160) (★240×120)	☆1/64 ★1/48	☆1/52 ★1/38	☆1/43 ★1/32	☆1/40 ★1/30	☆1/32 ★1/24	1/25	1/20	1/17
Brightness (nits)	800	1000	1000	1000	1000	800	1000	1000
Optimal visual distance (m)	1.3	1.6	1.9	2	2.5	1.3	1.6	1.9
Panel weight (☆320×160) (★240×120)	☆270g ★170g					160g		
Refresh rate	3,840Hz					7,680Hz		
View angle(Hor/ Vert)	160°/160°							
Gray scale	16bit							
Power consumption (max/avg)	680 / 225 W/m²							
Working voltage	DC 4.6V							
Signal input	AV, S-Video, VGA, CVBS, HDMI, DVI							
Control system	Nova							
IP rating	IP40							
Life span	≥100,000 H							
Operating temperature	-20~+ 50℃							
Maintenance	Front							
Certifications	CE, FCC, RoHS							