

FEATURES

Multiple Curves

With soft type material, FL series products can be folded into multiple curves or angles. The smallest diameter of a circular LED display is only about 0.48m(l. 57'). And 5 modules can be made into a mini circle.

Smooth Surface

The smooth surface of the FL Series modules are used for flat, concave, convex, S-shape screen construction.

Reliable Display Performance

Even when the LED module is shaped into an irregular display configuration, the components on the PCB remain stable.

Superior Resolution

The PREMTECO FL Series Pl.9 and P2.5 are industry setting, superior display resolutions.

Slim Shape

The thickness of the module is only 30mm. There are various kinds of shapes to fit projects. We could also make double face flexible LED display as well, and its thickness is only 130mm.

IP68 Rated

The P3.8 outdoor is manufactured with an IP68 humidity and dustproof rating.

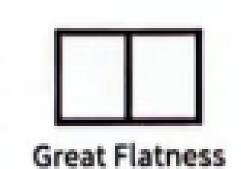
Application Fields

Stages, Exhibition events, Shopping centers.



Operating System

Signal Source Compatibility









Windows (Win7, Win8, etc.)

DVI, HDMI1.3, DP1.2, SDI, HDMI2.0, etc.

High Resolution



Protection Level

	Item	P1.5	P1.86	P1.875	P2	P2.5	P3	P3.07	P4	P5
	Pixel Pitch	1.56mm	1.86mm	1.875mm	2mm	2.5mm	3mm	3.07mm	4mm	5mm
П	LED Type	SMD1212	SMD1515	SMD1515	SMD1515	SMD2020	SMD2020	SMD2020	SMD2020	SMD2020
	Module Resolution	133dots × 100dots or 213dots ×107dots	172dots×86dots	128dots×64dots	128dots×64dots	96dots × 48dots or 128dots ×64dots	80dots×40dots or 64dots×64dots	104dots×52dots	64dots×32dots	64dots×32dots
O	Driving Mode	1/48scan or 1/52scan	1/43scan	1/32scan	1/32scan	1/24scan or 1/32scan	1/20scan or 1/32scan	1/26scan	1/16scan	1/13scan
>	Module Pixels	13,300dots or 22,791dots	14,792dots	8,192dots	8,192dots	4,608dots or 8,192dots	3,200dots or4096dots	5,408dots	2,048dots	2,048dots
U		200mm ×150mm or 320mm ×160mm	320mm×160mm	240mm×120mm	256mm×128mm	240mm ×120mm	240mm ×120mm or 192mm x192mm	320mmx160mm	256mm×128mm	320mm×160mn
2	Cabinet Size	Customized	Customized	Customized	Customized	Customized	Customized	Customized	Customized	Customized
П	Cabinet Resolution	Customized	Customized	Customized	Customized	Customized	Customized	Customized	Customized	Customized
1	Pixel Density	443,333.3dots/m² or 445,136.7dots/m²	288,906.25dots/m²	288,444.44dots/m²	250,000dots/m²	160,000dots/m²	111,111.11dots/m	105,625dots/m²	62,500dots/m²	40,000dots/m ²
	Minimum Viewing Distance	≥1.5m	≥1.86m	≥1.875m	≥2m	≥2.5m	≥3m	≥3.07m	≥4m	≥5m
0	Brightness	500nits~600nits								
0	IP Grade	IP43								
Ö	Refresh Rate	1,920Hz~3,840Hz								
	Gray Scale	13bits~24bits								
0	Viewing Angle	H:160°/ V:160°								
П	Maximum Power Consumption	500W/m²								
5	Average Power Consumption	180W/m²								
>	Input Voltage	AC110V~AC220V 50Hz/ 60Hz								
1	Operating Temperature	-30°C~50°C								
0	Operating Humidity	10%~90%								
Z	Cabinet Material	Iron								
0	Cabinet Weight	20kg/m²								