FL Pro Series

Flexible LED Screen-P3.8, P6.6, P8.0, P10.4

Multiple Curves

Smooth Surface

Slim Shape

Intelligent Design

HD High Resolution

Outdoor IP68 Protection Level

![PREMTECO - INNOVATIVE VISUAL TECHNOLOGIES]
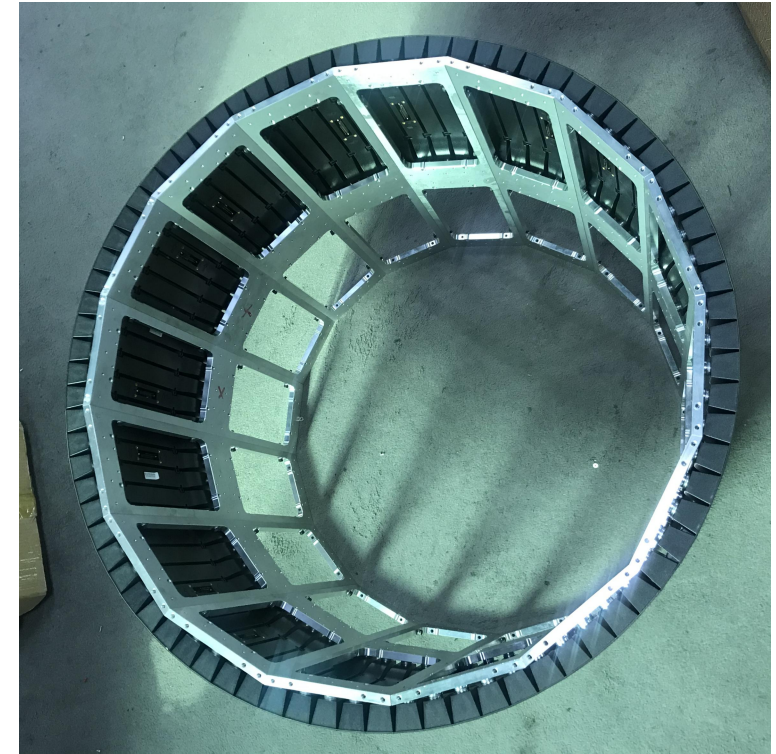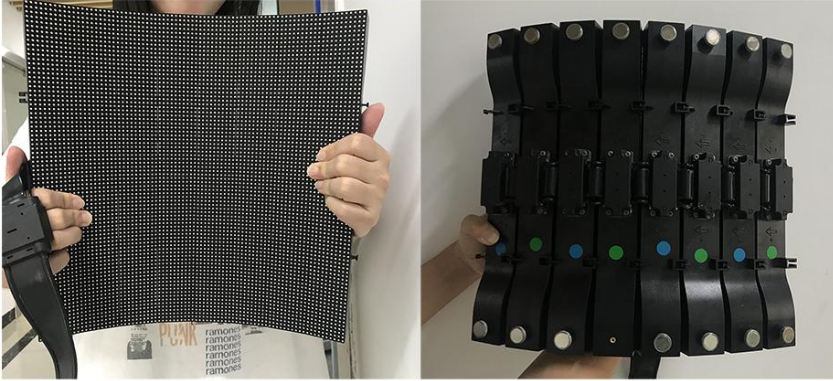
Multiple Curves

The LED module uses soft type material, which makes it possible to be folded into multiple curves or angles.

The smallest diameter of a round LED display is only 600mm(1.97'). And 8 modules could be made into a mini circle.

![PREMTECO — INNOVATIVE VISUAL TECHNOLOGIES]

Concave - 0~60degree bendable

Convex - 0~60degree bendable

Intelligent Design

Max bending angle is 60°. The PCB and LED will not be damaged with the protect of hard plastic housing. Joint connector design between 2 modules, keeps screen seamless and no displacement.
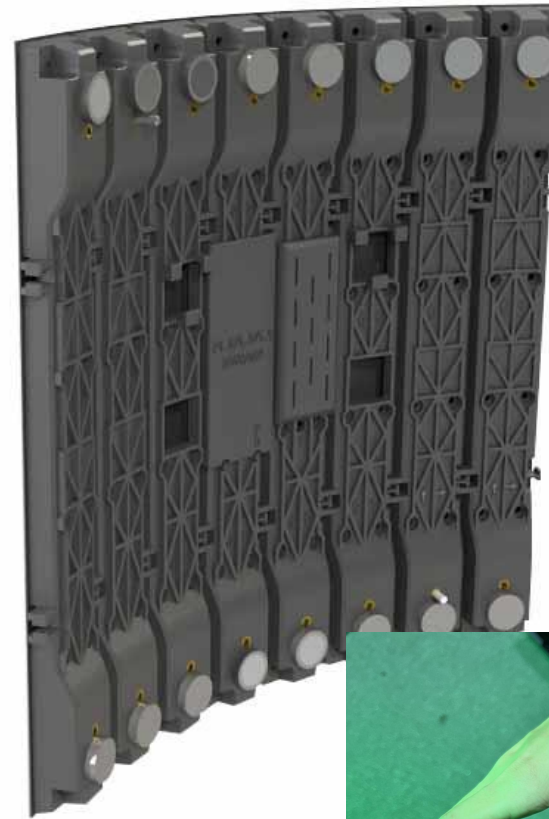
Smooth Surface

The smooth surface of the FL Pro Series
modules allows for: Flat, Concave, Convex,
S Shape screen construction.

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Slim Shape

•Slim PCB: PCB thickness is only 0.6mm with 6 layer
•Slim Module: Each Module thickness is 30mm includin
magnet
•Slim Structure: One Structure could be a slim pieces o
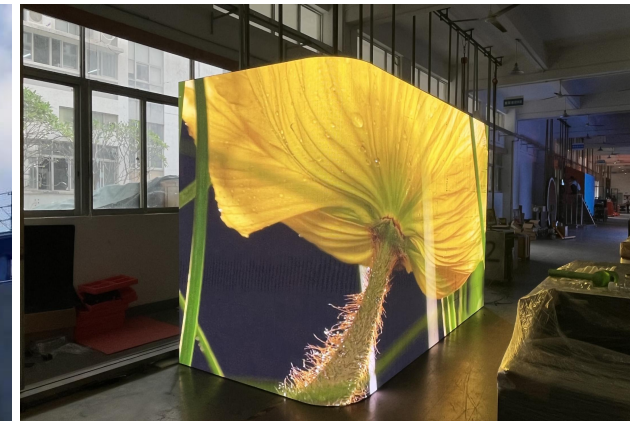iron plate which enable to make varies kinds of shape t
suitble for project

IP68 Rated

Outdoor flexible LED module is available. With the innovated technology, we launched the first outdoor flexible LED display in 2018. The pixel pitch is P3.8 and it has IP68 level of waterproof and dustproof.

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Application Fields

In order to fit each different scene, the flexible LED display is made up of superior quality materials with the concise and strong cabinet.
This product is usually used in:
• Outdoor Advertising Billboard
• Curved Building Surfaces
• Shopping Centers

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FL Pro Indoor series Parameters Indoor

Item	P3.8	P6.6	P8	P10
Pixel Pitch	3.81mm	6.67mm	8mm	10mm
LED Type	SMD1921	SMD1921	SMD3535	SMD3535
Module Resolution	80dots x 80dots	48dots × 48dots	40dots × 40dots	32dots × 32dots
Driving Mode	1/10scan	1/6scan	1/4scan	1/2scan
Module Pixels	6,400dots	2,304dots	1,600dots	1,024dots
Module Size	304.8mm x 304.8mm(1ft*1ft)	320mm x 320mm	320mm x 320mm	320mm x 320mm
Cabinet Size	Customized	Customized	Customized	Customized
Cabinet Resolution	Customized	Customized	Customized	Customized
Pixel Density	68,889dots/㎡	22,500dots/㎡	15,625dots/㎡	10,000dots/㎡
Minimum Viewing Distance	≥ 3.8m	≥ 6.8 m	≥ 8m	≥ 10m
Brightness	≥ 5000nits	≥ 6000nits	≥ 6000nits	≥ 6000nits
IP Grade	IP 68	IP 68	IP 68	IP 68
Refresh Rate	≥3840 Hz	≥3840 Hz	≥3840 Hz	≥3840 Hz
Gray Scale	12bits～16bits	12bits～16bits	12bits～16bits	12bits～16bits
Viewing Angle	H:110° / V:110°	H:110° / V:110°	H:110° / V:110°	H:110° / V:110°
Maximum Power Consumption	1032W/㎡	690W/㎡	720W/㎡	890W/㎡
Average Power Consumption	310W/㎡	240W/㎡	216W/㎡	297W/㎡
Input Voltage	AC100V～AC240V 50Hz / 60Hz	AC100V～AC240V 50Hz / 60Hz	AC100V～AC240V 50Hz / 60Hz	AC100V～AC240V 50Hz / 60Hz
Operating Temperature	− 20℃～50℃	− 20℃～50℃	− 20℃～50℃	− 20℃～50℃
Operating Humidity	10%~90%	10%~90%	10%~90%	10%~90%
Cabinet Material	Iron /Die-casting Aluminum	Iron /Die-casting Aluminum	Iron /Die-casting Aluminum	Iron /Die-casting Aluminum
Cabinet Weight	40kg/㎡ or 25kg/㎡	40kg/㎡ or 25kg/㎡	40kg/㎡ or 25kg/㎡	40kg/㎡ or 25kg/㎡
Operating System	Windows (Win7, Win8, etc.)	Windows (Win7, Win9, etc.)	Windows (Win7, Win10, etc.)	Windows (Win7, Win11, etc.)
Signal Source Compatibility	DVI, HDMI1.3, DP1.2, SDI, HDMI2.0, etc.	DVI, HDMI1.3, DP1.2, SDI, HDMI2.0, etc.	DVI, HDMI1.3, DP1.2, SDI, HDMI2.0, etc.	DVI, HDMI1.3, DP1.2, SDI, HDMI2.0, etc.