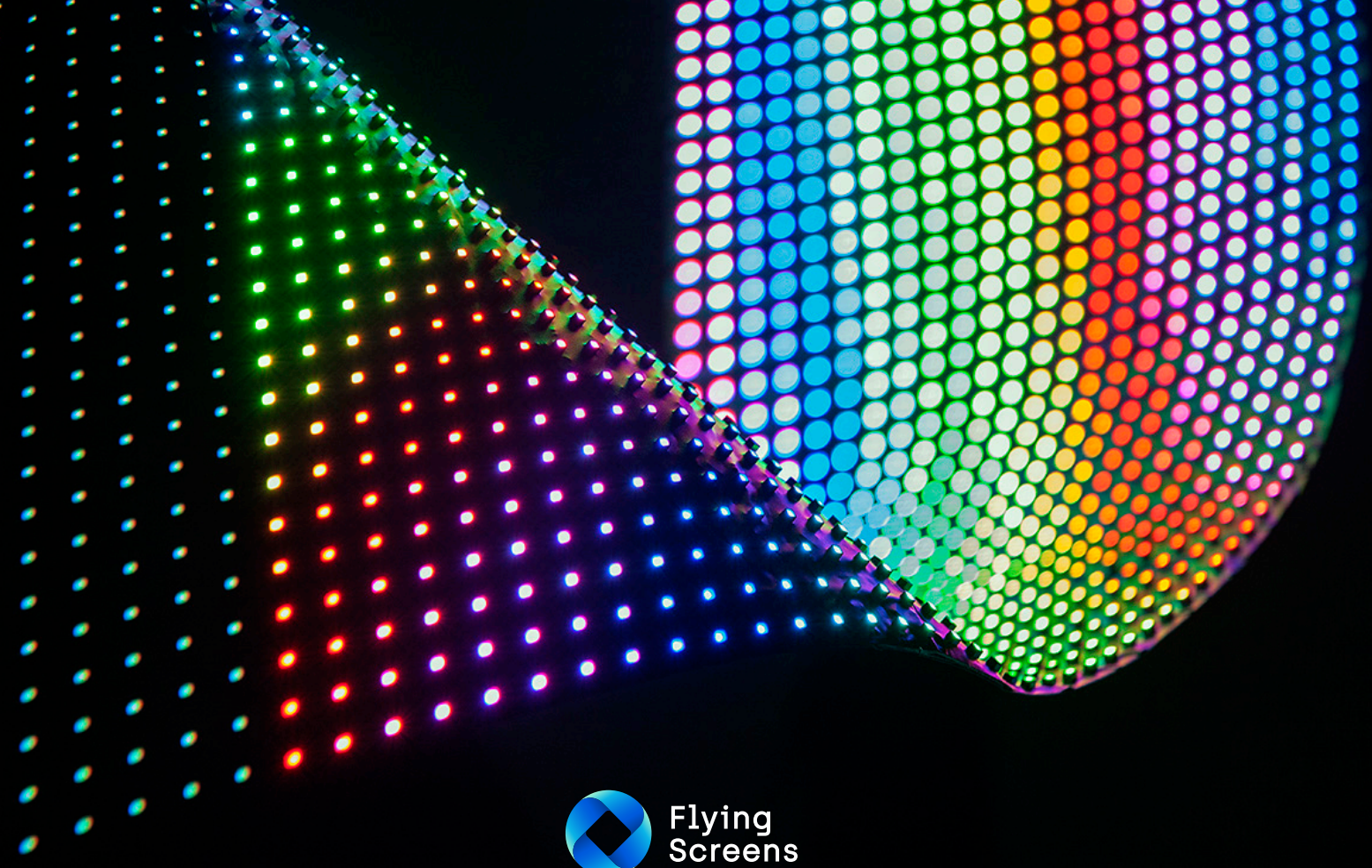


Flying
Screens

Building
projects
beyond
limits.

LED the creativity

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Flying
Screens

We make your project real using our innovative technology.

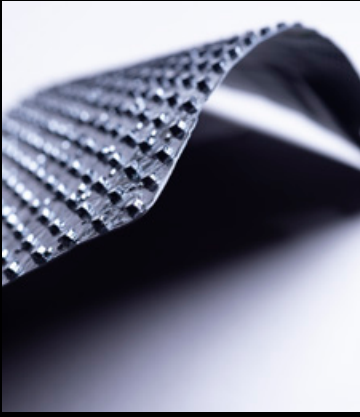
The Thinnest and Lightest Flexible LED Screen

Our proven technology is currently a unique solution for implementing fully flexible and ultra-lightweight LED displays, enabling end-users to use them in many highly demanding applications where traditional displays cannot be used because of their heavy weight or simply because they do not fit into the final location.

The sheet form factor of FLYING SCREENS displays combines the lightweight of printed vinyl billboards with the visual impact of LED displays. It offers a simple and efficient solution to transform any surface into a large-scale LED display without having to incorporate large mechanical supporting structures.

A complete LED display is implemented into a single printed circuit board. The resulting ultra-thin LED displays exhibit optimum volume to surface ratio, maximizing heat dissipation by natural convection. No fans or any other moving parts are required.

Easy maintenance is accomplished by a modular design, dividing the display into smaller independent fully sealed LED display tiles. Electrical connections between modules are reduced to a minimum, employing always automotive grade waterproof connectors.

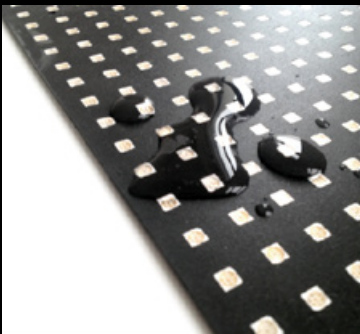


Flexibility

No cabling, power supplies or mechanical cabinets required behind the display modules. Flying Screens can be adapted to curved surfaces and can be rolled up to ease transportation.

Thin & Lightweight

Through the use of innovative materials and design, our screens reach a staggering 4mm thickness and approximately 1.5kg/sqm weight, up to 10 times less than conventional displays.



No heating & No noise

Due to its thin profile and low surface-to-volume ratio, our technology achieves an excellent thermal dissipation without the need of moving parts or forced ventilation.

Easy & Fast setup

The thin, light and flexible attributes of our displays allow for storage space savings, shorter deployment times, lower transportation costs and reduced use of man power.

Architecture & Interior Design

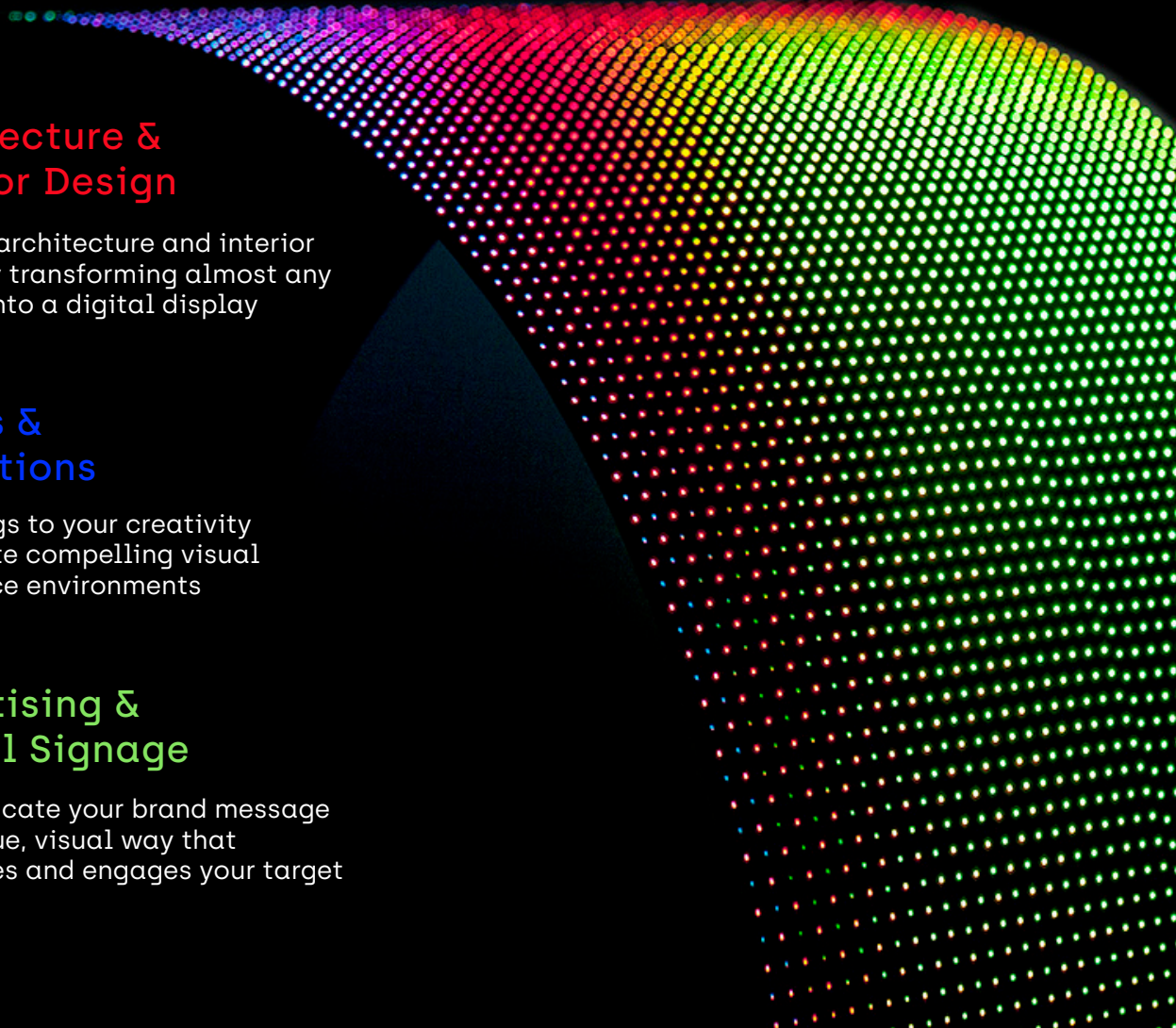
Enhance architecture and interior design by transforming almost any surface into a digital display

Events & Exhibitions

Give wings to your creativity and create compelling visual experience environments

Advertising & Digital Signage

Communicate your brand message in a unique, visual way that captivates and engages your target audience



Data Sheet

Specifications	FS-PT5	FS-PT10
Pixel Pitch	5.6	10.1
LED Encapsulation	SMD2020	SMD5050
Pixel Structure	RGB	RGB
Pixels Density per m2	30980 dots	9216 dots
Cabinet Size	250 x 1000 x 5 mm	250 x 1000 x 7 mm
Cabinet Area	0.25 sqm	0.25 sqm
Cabinet Resolution	44 x 176 dots	24 x 96 dots
Cabinet Weight [per m ²]	2.0 kg	2.5 kg
Modules/Cabinet [W x H]	1 x 4	1 x 4
Module Size	250 x 250 mm	250 x 250 mm
Module Area	0.0625 sqm	0.0625 sqm
Module Resolution	44 x 44 dots	24x 24 dots
Viewing Angle - H	120°	160°
Viewing Angle - V	120°	120°
Brightness	1900 cd/sqm	1900 cd/sqm
Contrast Ratio	4000:01:00	4000:01:00
Display refresh rate	20000Hz	20000Hz
Grey Scale	24 bits	24 bits
Frame Rate	60Hz	60Hz
Video Input Type	DVI, HDMI, HD-SDI [to VSP]	DVI, HDMI, HD-SDI [to VSP]
Video Input Resolution Maximum	1920 x 1080 @ 60Hz [per VSP]	1920 x 1080 @ 60Hz [per VSP]
Control Input Type	CAT6 Ethernet	CAT6 Ethernet
Environmental Application	Indoor	Indoor
Installation Method	Hanging, Standing	Hanging, Standing
Service Access	Front	Front
Ingress Protection rating	IP40	IP40
Acoustic Noise	Fanless Operation	Fanless Operation
Power input	100-240V AC, 50/60Hz	100-240V AC, 50/60Hz
Power Consumption, Maximum [watts]	40/Cabinet 640 m ²	40/Cabinet 640 m ²
Power Consumption, Typical [watts]	30/Cabinet 480 m ²	30/Cabinet 480 m ²
Power Supply	Dual	Dual
Typical operating Lifetime (50% brightness)	75,000 hrs	75,000 hrs
Operating Temperature/ Humidity [degrees F/C, relative humidity]	-20° to 40° C -4° to 104° F	-20° to 40° C -4° to 104° F
Storage Temperature/ Humidity [degrees F/C, relative humidity]	-35° to 60° C -31° to 140° F	-35° to 60° C -31° to 140° F
Regulatory Compliance	FCC Class A, CE, UL recognized component	FCC Class A, CE, UL recognized component

These specifications are subject to change



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