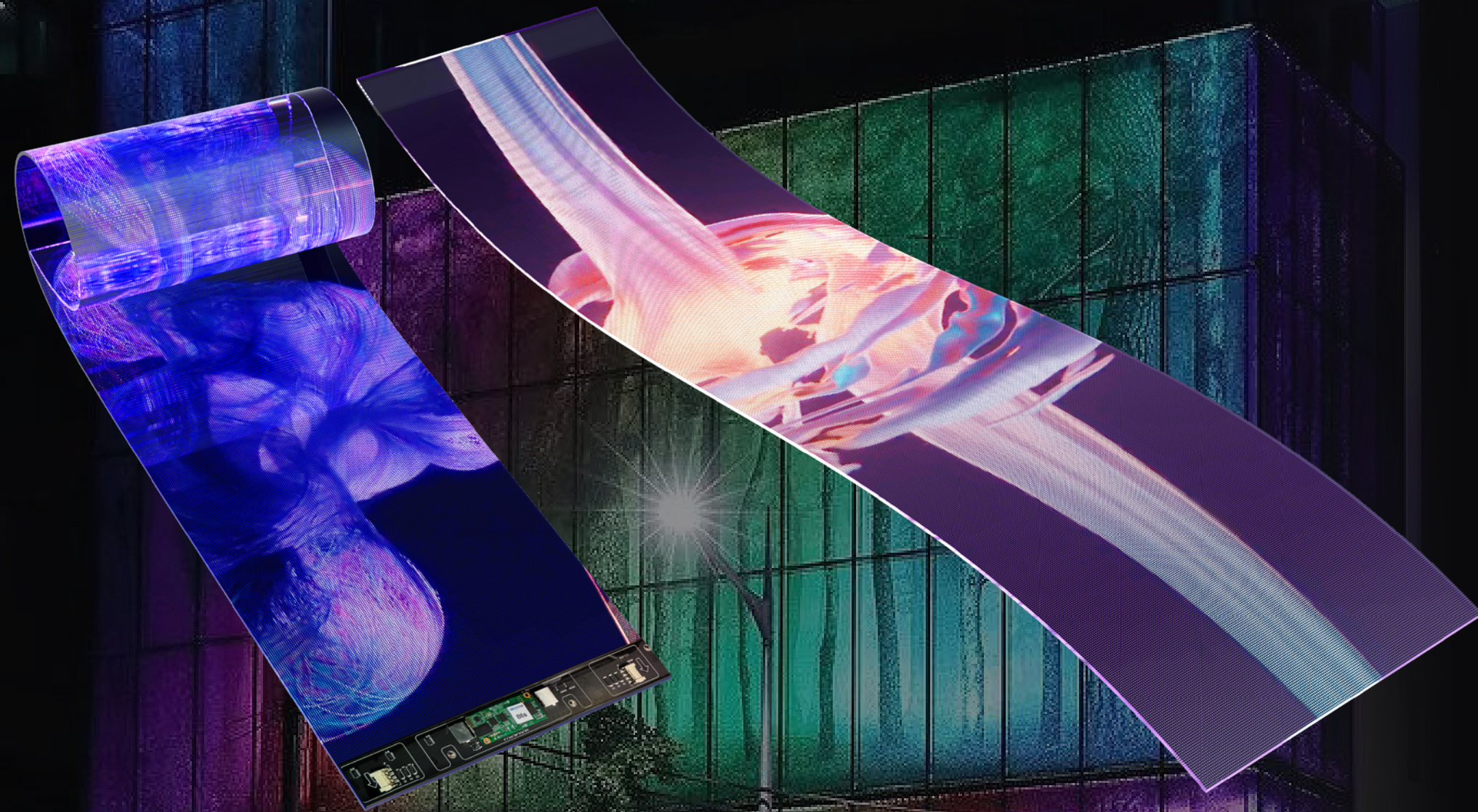




CrystalFlex

LED Flexible Transparent Film Display

iDISPLAY

Shenzhen iDisplay Technology Co.,Ltd.

Add: 3rd Floor, 5th Building, FLT industrial park, Longhua, Shenzhen, China

Factory: 5th Building, No.6 of Xinhua Avenue, Chengjiang, Zhongkai, Huizhou, China

Tel phone: 86-755-85280348

E-mail: hello@idisplayled.com

www.idisplayled.com

Thickness: **2mm**

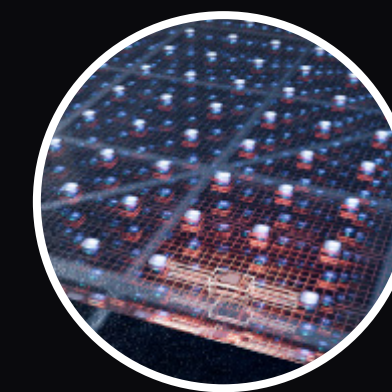
Weight: **1.3KG**

Module size:
1000mm*400mm



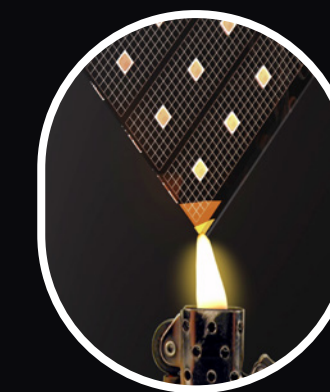
Flexible

The panel can be rolled up into a column



Breakpoint continuation

UV resistance
5~10 years can ensure no yellowing



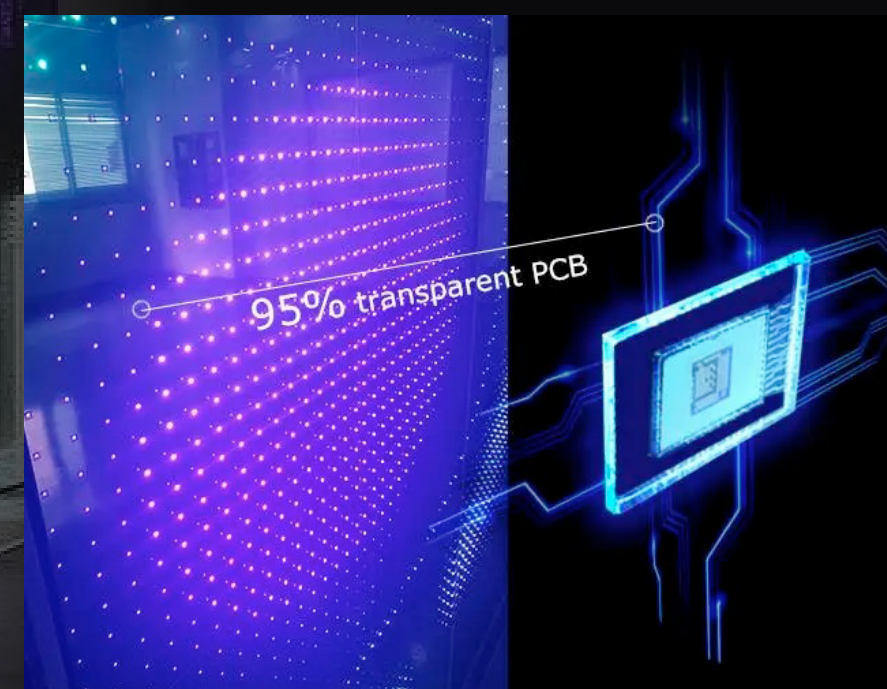
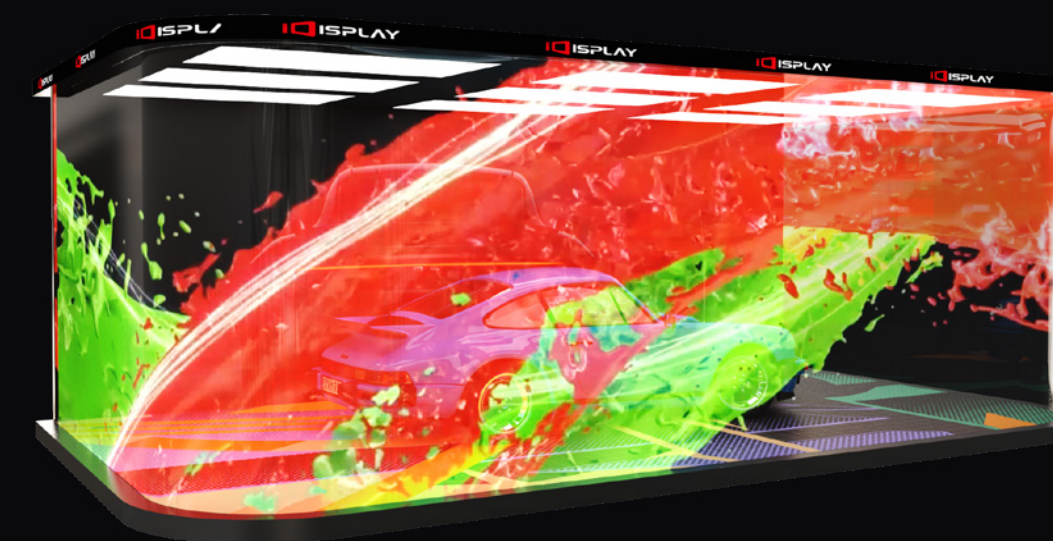
Flame retardant

flame retardant grade V1

Light and thin

as thin as 2mm,
as light as 5kg/m²

No steel structure is required, just paste the film screen tightly and connect the power cable and signal cable



Invisible PCB technology

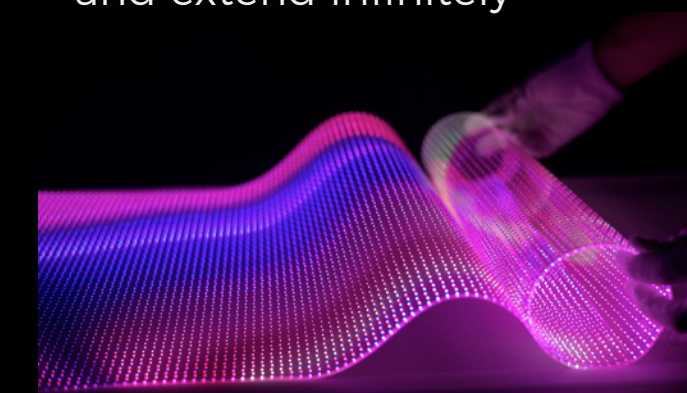
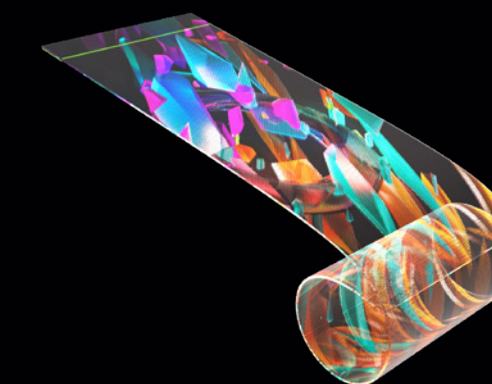
Thanks to the invisible PCB advanced technology, the transparency rating of film is up to 95%, you even can not see the PCB wires inside of film, when the film LED screen is turned off, it is same like a window glass.

Invisible screen

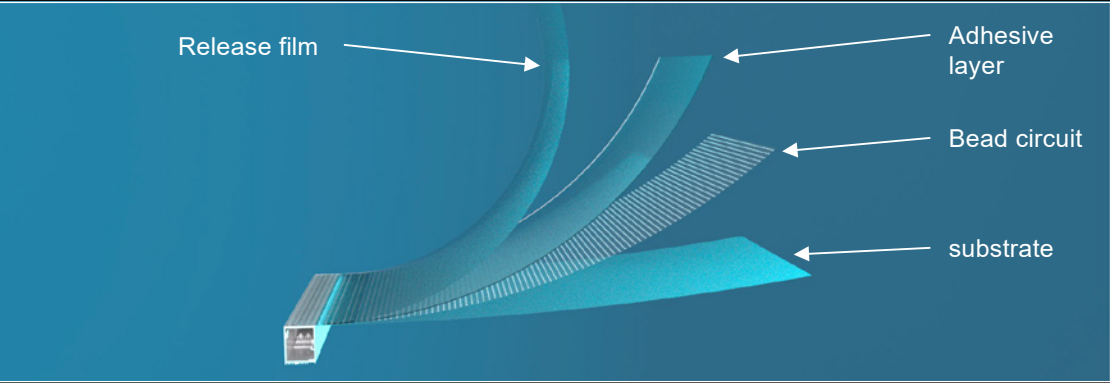
When inactive, it seamlessly disappears from view; however, it radiates vivid, compelling charm once activated

Flexibility

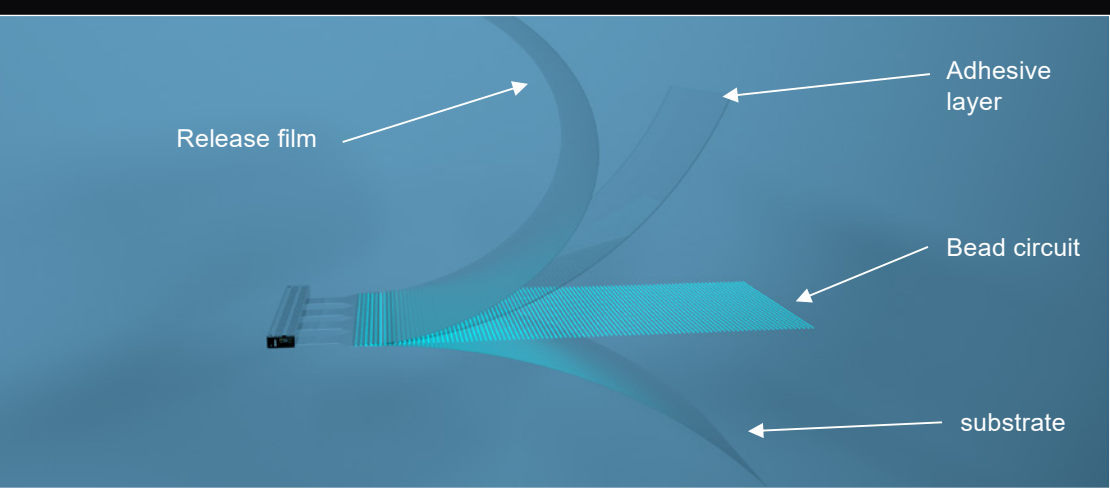
Break through the routine and extend infinitely



Hard connection



Soft ribbon cable connection



High gray scale display (true 16bit)

RGB channel adopts 32-level current linear regulation, and maintains true 16-bit grayscale display under any current, which is applicable to the consistency of indoor, semi-outdoor and outdoor current requirements;



Model	P5	P6.25	P8	P10	P15	P20
Module size (mm)	1020 320	1000*400	1000*400	1000*400	990*390	1000*400
LED light	1313	1515	1515	1515	1515	1515
Pixel composition	R1G1B1	R1G1B1	R1G1B1	R1G1B1	R1G1B1	R1G1B1
Pixel spacing (mm)	5 * 5	6.25*6.25	8*8	10*10	15*15	20*20
Module pixel	204*64=13056	160*64=10240	125*50=6250	100*40=4000	66*26=1716	50*20=1000
Pixel/m²	64000	25600	15625	10000	4356	2500
Brightness	2000/4000	2000/4000	2000/4000	2000/4000	2000/4000	2000/4000
Permeability	95%	90%	92%	94%	94%	95%
Angle of view °	160	160	160	160	160	160
Input voltage	AC110-240V50/60Hz	AC110-240V50/60Hz	AC110-240V50/60Hz	AC110-240V50/60Hz	AC110-240V50/60Hz	AC110-240V50/60Hz
Peak power	600w/m²	600w/m²	600w/m²	600w/m²	600w/m²	600w/m²
Average power	200w/m²	200w/m²	200w/m²	200w/m²	200w/m²	200w/m²
Work environment	Temperature - 20~55	Temperature - 20~55	Temperature - 20~55	Temperature - 20~55	Temperature - 20~55	Temperature - 20~55
	Humidity 10-90%	Humidity 10-90%	Humidity 10-90%	Humidity 10-90%	Humidity 10-90%	Humidity 10-90%
Weight	1.3kg	1.3kg	1.3kg	1.3kg	1.3kg	1.3kg
Thickness	2mm	2mm	2mm	2mm	2mm	2mm
Drive mode	static state	static state	static state	static state	static state	static state
Control system	Nova/Colorlight	Nova/Colorlight	Nova/Colorlight	Nova/Colorlight	Nova/Colorlight	Nova/Colorlight
Typical value of life	100000H	100000H	100000H	100000H	100000H	100000H
Grayscale level	16bit	16bit	16bit	16bit	16bit	16bit
Refresh rate	3840 Hz	3840 Hz	3840 Hz	3840Hz	3840 Hz	3840 Hz

