**LED holographic
Film screen**

➢ Forward-looking products, leading international level

LED holographic film screen is a high-end product, boldly innovates, breaks traditional thinking, and invests heavily in research and development. From IC bare crystal We have the main control over the entire range of architecture and functional design, LED brackets, LED packaging and electronic circuit design. We currently have the world's leading return-to-zero code patented technology, dozens of inventions and practical patented technologies related to film screens, and are powerful advanced technology pushes transparent screens to new heights.

➢ Light (1.5KG/㎡), thin (0.8mm), transparent, versatile shape

Beautiful appearance and easy installation are the biggest trends of LED film screens. It use our company's specific bare crystal chips to fix the components on high-transparent PCBs. On the board, the display module is integrated into an optical lens substrate with high transparency and luminous display through a unique cover glue process.

➢ Safe, reliable and highly compatible

Fully consider the system's requirements for information security, ensure that all types of information and systems operate safely and reliably in the multimedia cloud, and prevent all leaks and unauthorized operations. The system can access various professional multimedia platforms and databases, and can seamlessly access private clouds.
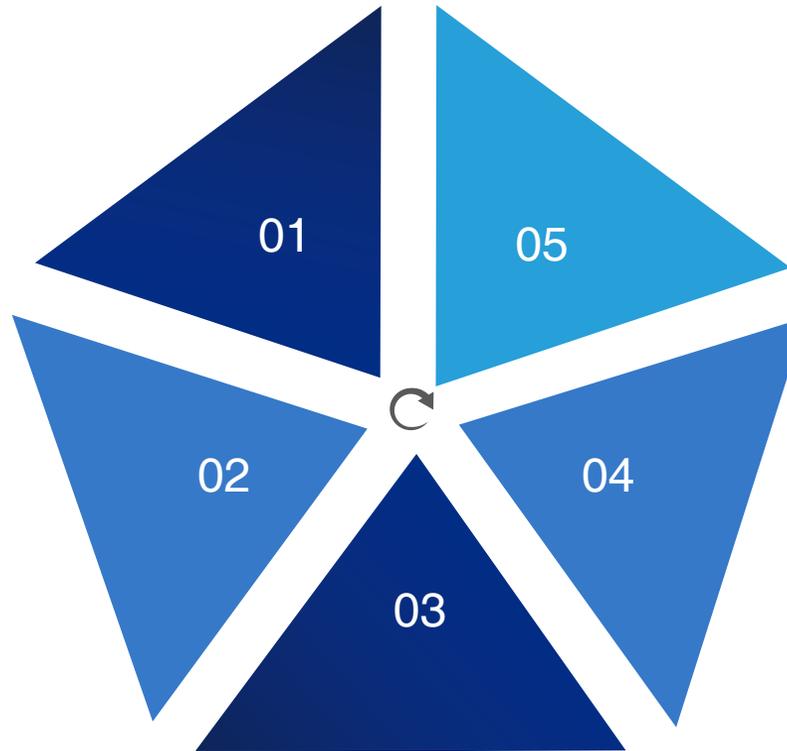
Ultra thin ultra light

LED holographic film screen thickness 0.8mm
Film screen weight 1.5KG/㎡

Supports cutting and strong flexibility

Can be cut to any size required
Can be attached to any curvature of glass / wall.

Save on installation costs

No steel frame structure is required, and there is no need to change the appearance of the building, effectively reducing transportation and installation costs.

High permeability, easy installation

The highest transmittance can reach 95% , without affecting the daily lighting, just stick the membrane screen lightly, and then connect the signal and power supply.

01
05
02
04
03

Resume from break-point

The light-emitting chip uses a micron-level light source and adopts a four-in-one packaging method. There are no other electronic components except LED lamp beads. Using the solution of breakpoint resume transmission, if a single point is broken, it will not affect the normal display of other lamp beads.
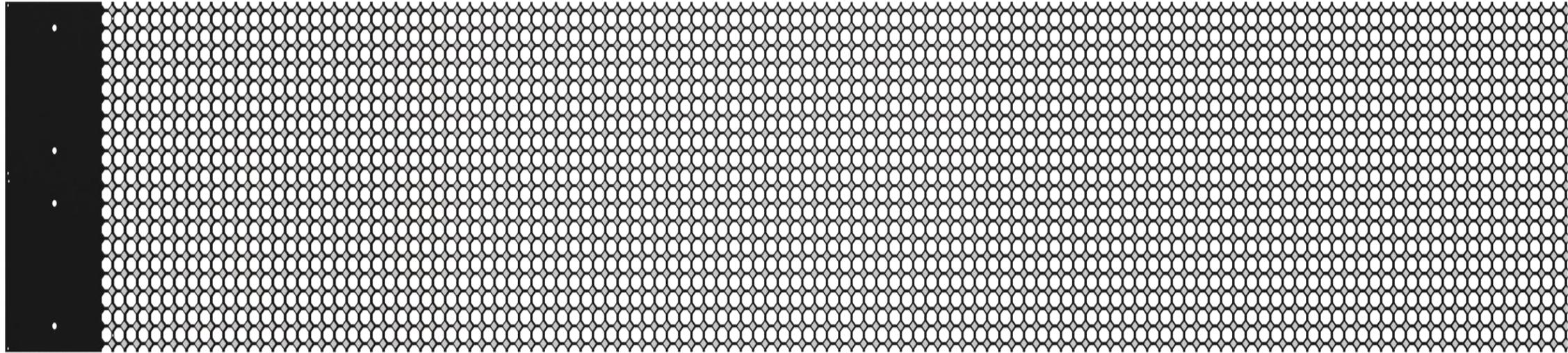
任意裁剪

可根据客户现场要求定制,也可自行裁剪
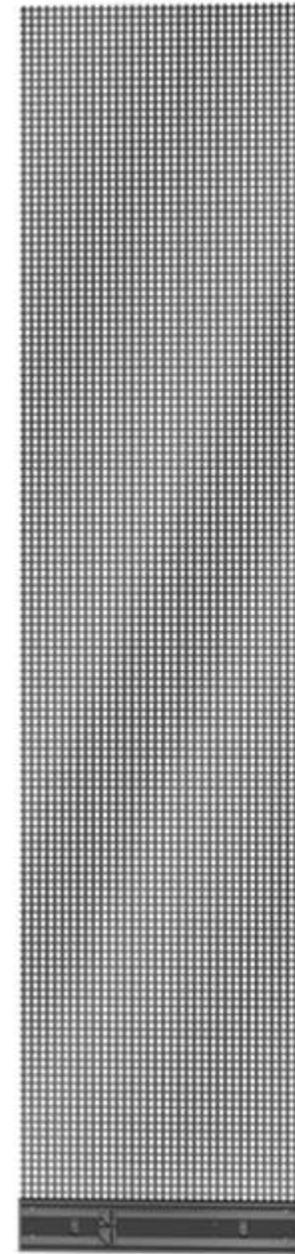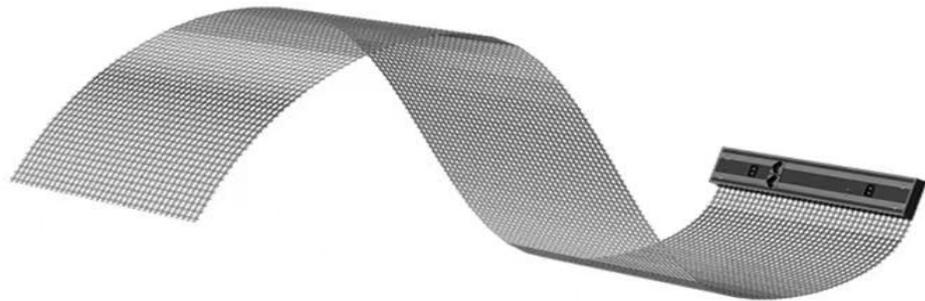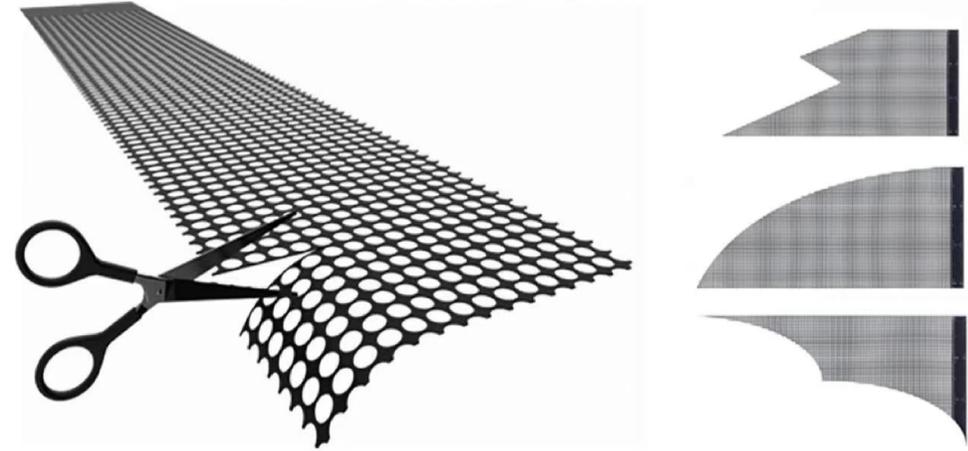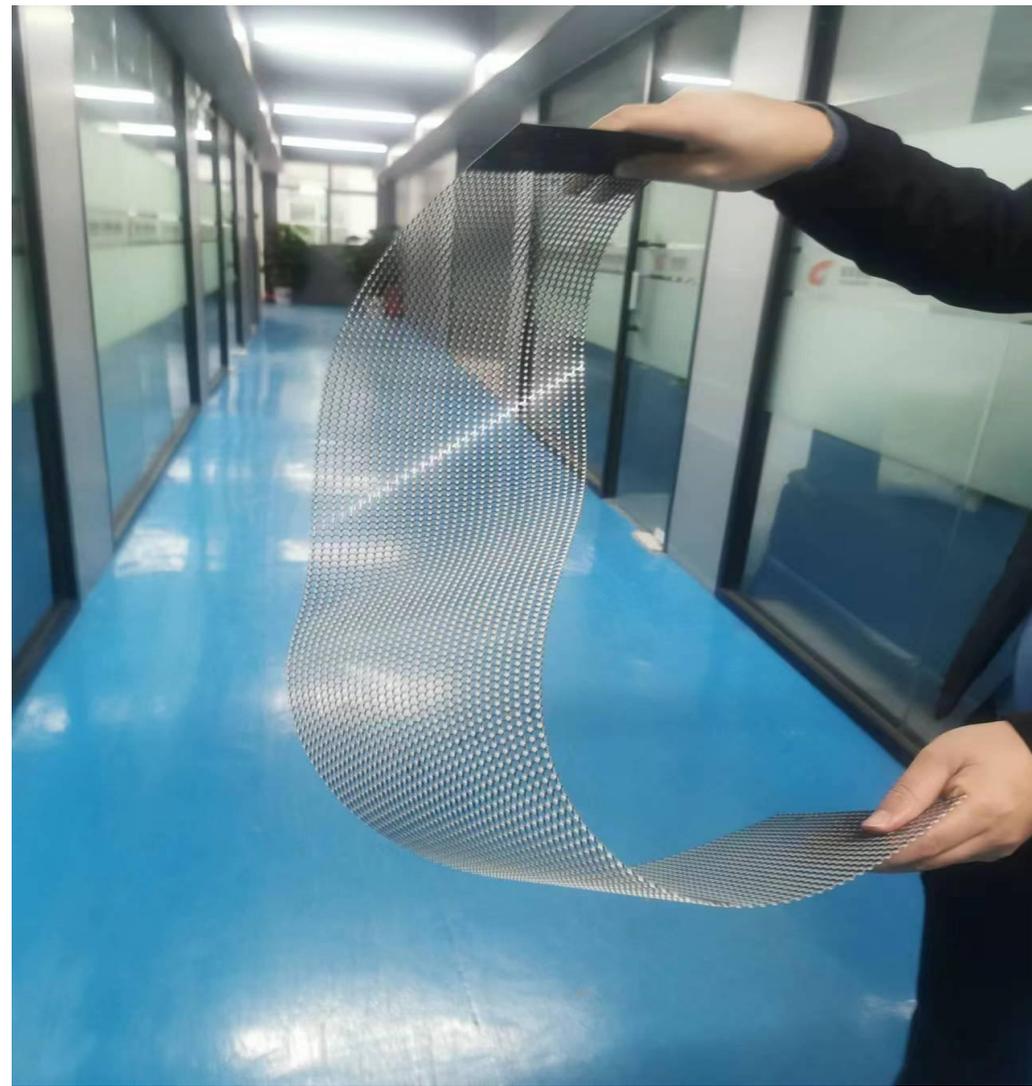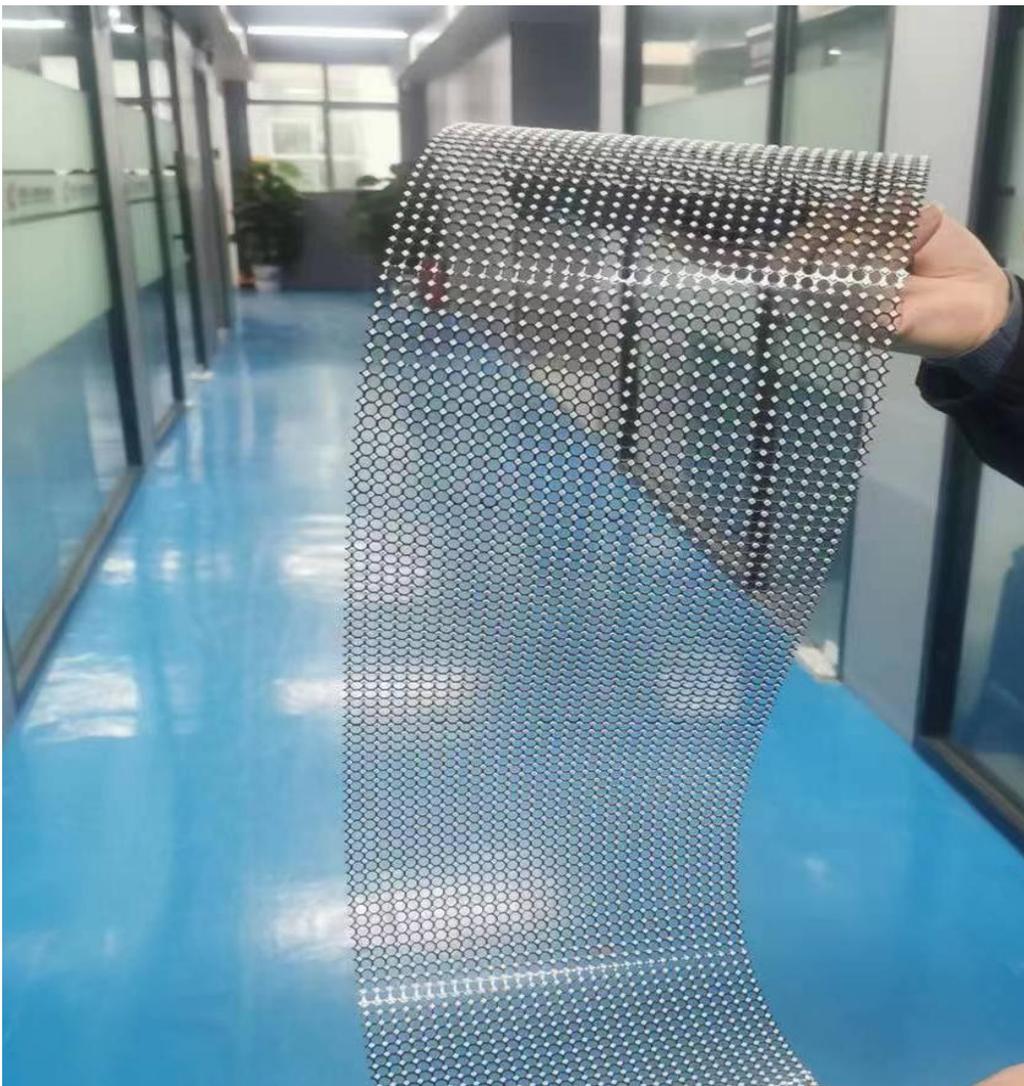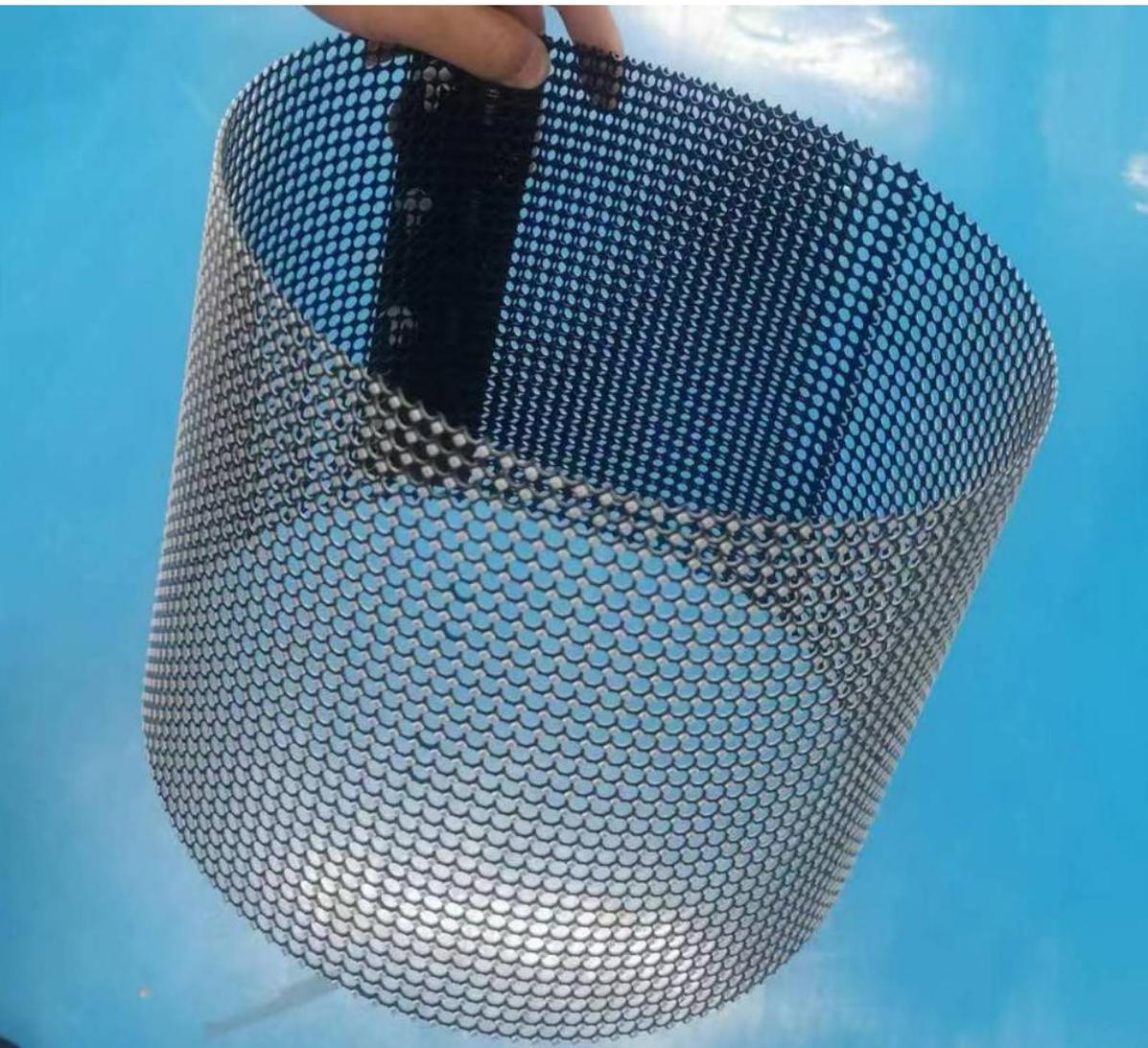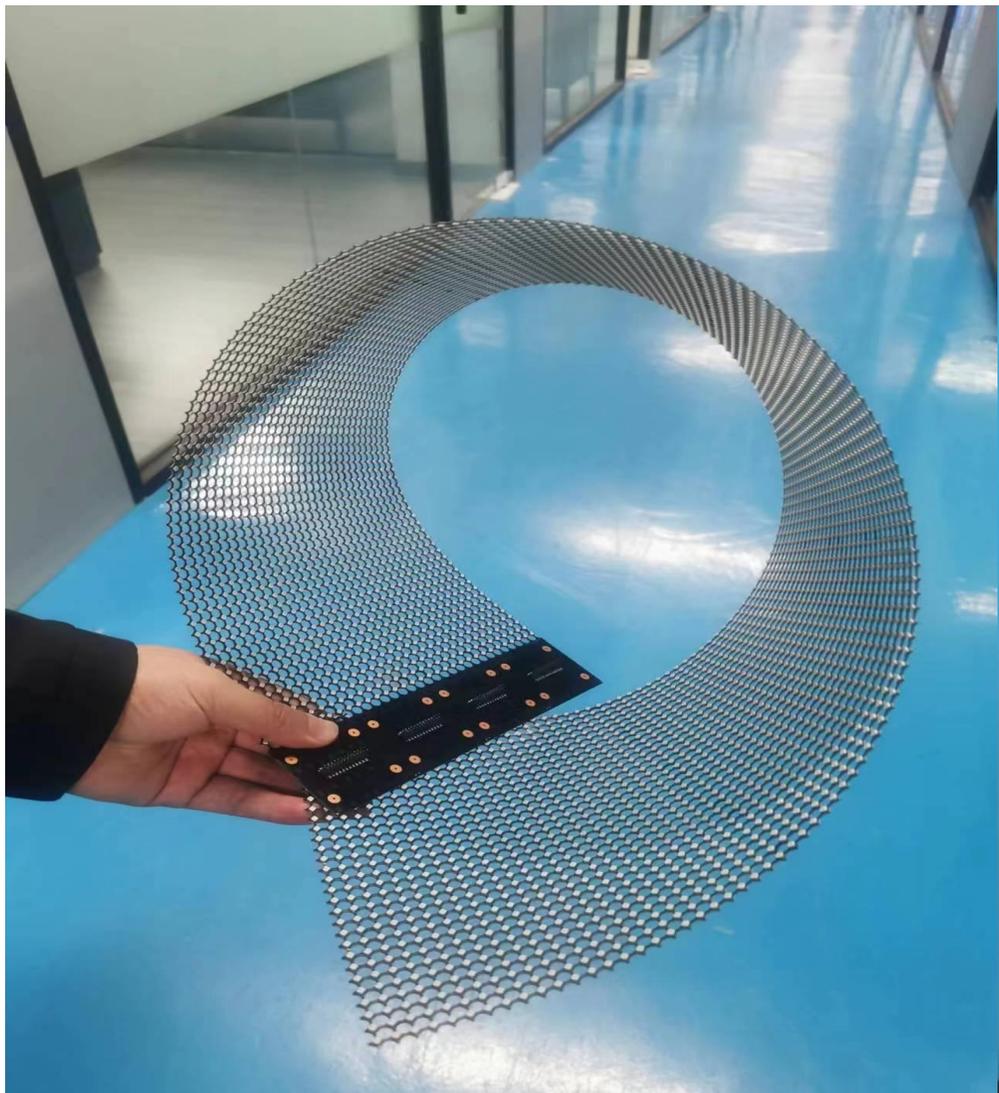
Product specification

	PH2.5- LED holographic film screen	
1	Pixel pitch	L(2.5mm) W(2.5mm)
2	Pixel density	160000points/㎡
3	Display thickness	1-3mm
4	LED light tube	SMD1515 (four-in-one led light)
5	Module size	1200mm*225mm
6	Electrical properties	Average: 240W/㎡, Maximum: 800W/㎡
7	Screen weight	Less than 3kg/㎡
8	Switching power supply	Yuan Chi
9	Visual transparency	＞50 %
10	IP rating	Better than IP45
11	Average life expectancy	More than 100,000 hours of use
12	Power supply requirements	220V±10%; AC50HZ, three-phase five-wire
13	Screen brightness	White balance brightness 800-2000cd/m2; automatic adjustment and manual adjustment according to the ambient brightness
14	Visible distance	The image is clearly visible when viewed from a distance of 3m to 150m
15	Perspective	160 horizontally, 140 vertically
16	Gray scale	≥16(bit)
17	white point color temperature	5500K-15000K (adjustable)
18	Drive mode	static
19	Decay rate	Less than 0.05% for 2 years
20	Refresh rate	Greater than 3840HZ
21	Frame rate	Greater than 60HZ
22	MTBF	More than 10000 hours
23	Lamp bead defective pixel rate	Less than one ten thousandth, and distributed discretely
24	Control System	Colorlight/ Nova Synchronous Asynchronous
25	Use environment	◆Working environment: -10～+65 ℃/ 10～90 %RH ◆Storage environment: -40～+85 ℃/ 10～90 %RH
26	Installation method	SMT, hoisting, fixed installation, support any size cutting, bending.

Product specification

	PH3.91-LED holographic film screen	
1	Pixel pitch	L(3.91mm) W(3.91mm)
2	Pixel density	65536 points/㎡
3	Display thickness	1-3mm
4	LED light tube	SMD2020 (four-in-one led light)
5	Module size	1500mm*250mm/1200mm*250mm/1000mm*250mm
6	Electrical properties	Average: 240W/㎡, Maximum: 800W/㎡
7	Screen weight	Less than 3g/㎡
8	Switching power supply	Yuan Chi
9	Visual transparency	＞80 %
10	IP rating	Better than IP45
11	Average life expectancy	More than 100,000 hours of use
12	Power supply requirements	220V±10%; AC50HZ, three-phase five-wire
13	Screen brightness	White balance brightness 800-2000cd/m2; automatic adjustment and manual adjustment according to the ambient brightness
14	Visible distance	The image is clearly visible when viewed from a distance of 4m to 150m
15	Perspective	160 horizontally, 140 vertically
16	Gray scale	≥16(bit)
17	white point color temperature	5500K-15000K (adjustable)
18	Drive mode	static
19	Decay rate	Less than 0.05% for 2 years
20	Refresh rate	Greater than 3840HZ
21	Frame rate	Greater than 60HZ
22	MTBF	More than 10000 hours
23	Lamp bead defective pixel rate	Less than one ten thousandth, and distributed discretely
24	Control System	Colorlight/ Nova Synchronous Asynchronous
25	Use environment	◆Working environment: -10～+65 ℃/ 10～90 %RH ◆Storage environment: -40～+85 ℃/ 10～90 %RH
26	Installation method	SMT, hoisting, fixed installation, support any size cutting, bending.

Product specification

	PH5-LED holographic film screen	
1	Pixel pitch	L(5mm) W(5mm)
2	Pixel density	40000 points/㎡
3	Display thickness	1-3mm
4	LED light tube	SMD2020 (four-in-one led light)
5	Module size	1500mm*250mm/1200mm*250mm/1000mm*250mm
6	Electrical properties	Average: 240W/㎡, Maximum: 800W/㎡
7	Screen weight	Less than 3kg/㎡
8	Switching power supply	Yuan Chi
9	Visual transparency	＞85 %
10	IP rating	Better than IP45
11	Average life expectancy	More than 100,000 hours of use
12	Power supply requirements	220V±10%; AC50HZ, three-phase five-wire
13	Screen brightness	White balance brightness 800-2000cd/m2; automatic adjustment and manual adjustment according to the ambient brightness
14	Visible distance	The image is clearly visible when viewed from a distance of 6m to 250m
15	Perspective	160 horizontally, 140 vertically
16	Gray scale	≥16(bit)
17	white point color temperature	5500K-15000K (adjustable)
18	Drive mode	static
19	Decay rate	Less than 0.05% for 2 years
20	Refresh rate	Greater than 3840HZ
21	Frame rate	Greater than 60HZ
22	MTBF	More than 10000 hours
23	Lamp bead defective pixel rate	Less than one ten thousandth, and distributed discretely
24	Control System	Colorlight/ Nova Synchronous Asynchronous
25	Use environment	◆Working environment: -10～+65 ℃/ 10～90 %RH ◆Storage environment: -40～+85 ℃/ 10～90 %RH
26	Installation method	SMT, hoisting, fixed installation, support any size cutting, bending.

Product specification

		PH6.25-LED holographic film screen
1	Pixel pitch	L(6.25mm) W(6.25mm)
2	Pixel density	25600 points/㎡
3	Display thickness	1-3mm
4	LED light tube	SMD2020 (four-in-one led light)
5	Module size	1500mm*250mm/1200mm*250mm/1000mm*250mm
6	Electrical properties	Average: 240W/㎡, Maximum: 800W/㎡
7	Screen weight	Less than 3kg/㎡
8	Switching power supply	Yuan Chi
9	Visual transparency	>90 %
10	IP rating	Better than IP45
11	Average life expectancy	More than 100,000 hours of use
12	Power supply requirements	220V±10%; AC50HZ, three-phase five-wire
13	Screen brightness	White balance brightness 800-4500cd/m2; automatic adjustment and manual adjustment according to ambient brightness
14	Visible distance	The image is clearly visible when viewed from a distance of 8m~250m
15	Perspective	160 horizontally, 140 vertically
16	Gray scale	≥16(bit)
17	white point color temperature	5500K-15000K (adjustable)
18	Drive mode	static
19	Decay rate	Less than 0.05% for 2 years
20	Refresh rate	Greater than 3840HZ
21	Frame rate	Greater than 60HZ
22	MTBF	More than 10000 hours
23	Lamp bead defective pixel rate	Less than one ten thousandth, and distributed discretely
24	Control System	Colorlight/ Nova Synchronous Asynchronous
25	Use environment	◆Working environment: -10～+65 ℃/ 10～90 %RH ◆Storage environment: -40～+85 ℃/ 10～90 %RH
26	Installation method	SMT, hoisting, fixed installation, support any size cutting, bending .

Product specification

	PH7.8-LED holographic film screen	
1	Pixel pitch	L(7.8mm) W(7.8mm)
2	Pixel density	16384 points/㎡
3	Display thickness	1-3mm
4	LED light tube	SMD2020 (four in one led light)
5	Module size	1500mm*250mm/1200mm*250mm/1000mm*250mm
6	Electrical properties	Average: 240W/㎡, Maximum: 800W/㎡
7	Screen weight	Less than 3kg/㎡
8	Switching power supply	Yuan Chi
9	Visual transparency	＞90 %
10	IP rating	Better than IP45
11	Average life expectancy	More than 100,000 hours of use
12	Power supply requirements	220V±10%; AC50HZ, three-phase five-wire
13	Screen brightness	White balance brightness 1500-5000cd/m2; automatic adjustment and manual adjustment according to ambient brightness
14	Visible distance	The image is clearly visible when viewed from a distance of 10m~250m
15	Perspective	160 horizontally, 140 vertically
16	Gray scale	≥16(bit)
17	white point color temperature	5500K-15000K (adjustable)
18	Drive mode	static
19	Decay rate	Less than 0.05% for 2 years
20	Refresh rate	Greater than 3840HZ
21	Frame rate	Greater than 60HZ
22	MTBF	More than 10000 hours
23	Lamp bead defective pixel rate	Less than one ten thousandth, and distributed discretely
24	Control System	Colorlight/ Nova Synchronous Asynchronous
25	Use environment	◆Working environment: -10～+65 ℃/ 10～90 %RH ◆Storage environment: -40～+85 ℃/ 10～90 %RH
26	Installation method	SMT, hoisting, fixed installation, support any size cutting, bending.

Product specification

	PH10.4-LED holographic film screen	
1	Pixel pitch	L(10.4mm) W(10.4mm)
2	Pixel density	9216points/㎡
3	Display thickness	1-3mm
4	LED light tube	SMD2020 (four-in-one led light)
5	Module size	1500mm*250mm/1200mm*250mm/1000mm*250mm
6	Electrical properties	Average: 240W/㎡, Maximum: 800W/㎡
7	Screen weight	Less than 3kg/㎡
8	Switching power supply	Yuan Chi
9	Visual transparency	>92 %
10	IP rating	Better than IP45
11	Average life expectancy	More than 100,000 hours of use
12	Power supply requirements	220V±10%; AC50HZ, three-phase five-wire
13	Screen brightness	White balance brightness 1500-5000cd/m2; automatic adjustment and manual adjustment according to ambient brightness
14	Visible distance	The image is clearly visible when viewed from a distance of 10m~250m
15	Perspective	160 horizontally, 140 vertically
16	Gray scale	≥16(bit)
17	white point color temperature	5500K-15000K (adjustable)
18	Drive mode	static
19	Decay rate	Less than 0.05% for 2 years
20	Refresh rate	Greater than 3840HZ
21	Frame rate	Greater than 60HZ
22	MTBF	More than 10000 hours
23	Lamp bead defective pixel rate	Less than one ten thousandth, and distributed discretely
24	Control System	Colorlight/ Nova Synchronous Asynchronous
25	Use environment	◆Working environment: -10～+65 ℃/ 10～90 %RH ◆Storage environment: -40～+85 ℃/ 10～90 %RH
26	Installation method	SMT, hoisting, fixed installation, support any size cutting, bending.

Product specification

	PH15.6-LED holographic film screen	
1	Pixel pitch	L(15.6mm) W(15.6mm)
2	Pixel density	4096 points/㎡
3	Display thickness	1-3mm
4	LED light tube	SMD2020 (four-in-one led light)
5	Module size	1500mm*250mm/1200mm*250mm/1000mm*250mm
6	Electrical properties	Average: 240W/㎡, Maximum: 800W/㎡
7	Screen weight	Less than 3kg/㎡
8	Switching power supply	Yuan Chi
9	Visual transparency	>93 %
10	IP rating	Better than IP45
11	Average life expectancy	More than 100,000 hours of use
12	Power supply requirements	220V±10%; AC50HZ, three-phase five-wire
13	Screen brightness	White balance brightness 1500-4500cd/m2; automatic adjustment and manual adjustment according to ambient brightness
14	Visible distance	The image is clearly visible when viewed from a distance of 16m~250m
15	Perspective	160 horizontally, 140 vertically
16	Gray scale	≥16(bit)
17	white point color temperature	5500K-15000K (adjustable)
18	Drive mode	static
19	Decay rate	Less than 0.05% for 2 years
20	Refresh rate	Greater than 3840HZ
twenty one	Frame rate	Greater than 60HZ
twenty two	MTBF	More than 10000 hours
twenty three	Lamp bead defective pixel rate	Less than one ten thousandth, and distributed discretely
twenty four	Control System	Colorlight/ Nova Synchronous Asynchronous
25	Use environment	◆Working environment: -10～+65 ℃/ 10～90 %RH ◆Storage environment: -40～+85 ℃/ 10～90 %RH
26	Installation method	SMT, hoisting, fixed installation, support any size cutting, bending.

Product specification

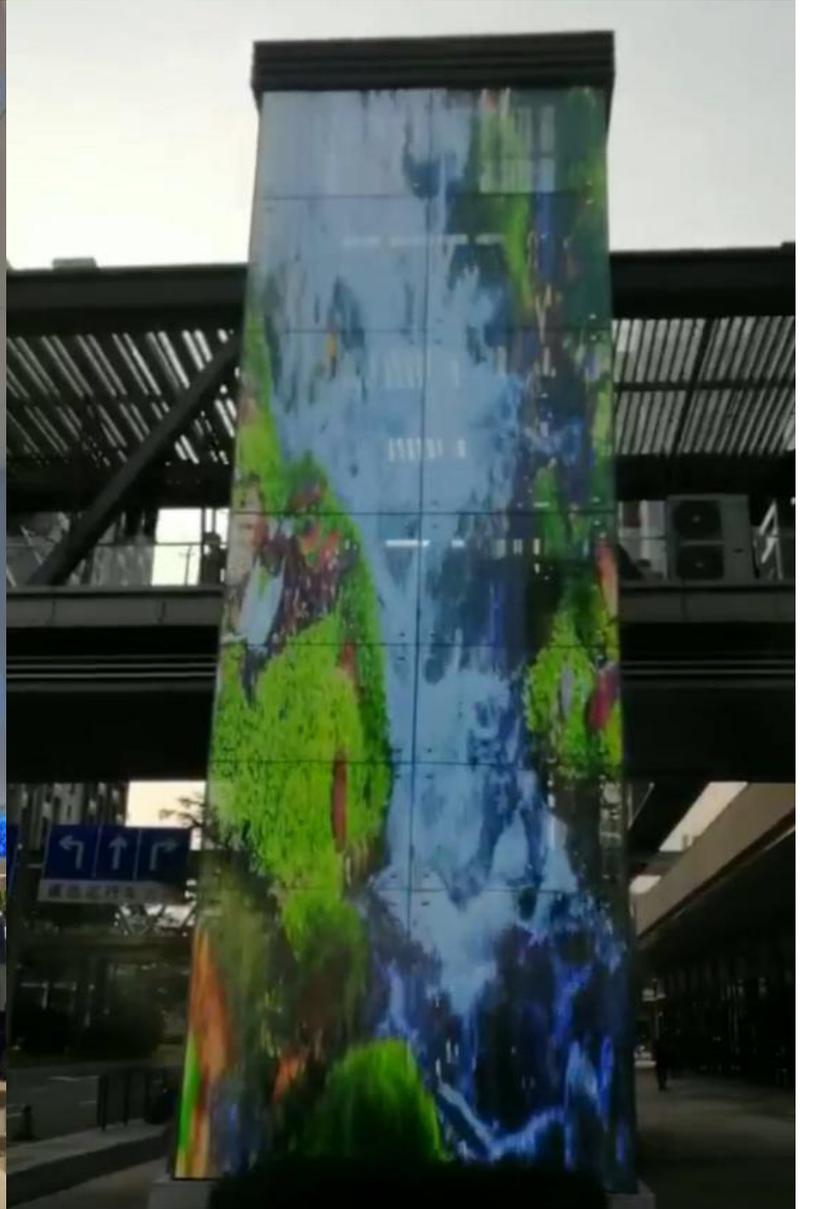|	PH20-LED holographic film screen	
1	Pixel pitch	L(20mm) W(20mm)
2	Pixel density	2500 points/㎡
3	Display thickness	1-3mm
4	LED light tube	SMD2020 (four-in-one led light)
5	Module size	1500mm*250mm/1200mm*250mm/1000mm*250mm
6	Electrical properties	Average: 240W/㎡, Maximum: 600W/㎡
7	Screen weight	Less than 3kg/㎡
8	Switching power supply	Yuan Chi
9	Visual transparency	>95 %
10	IP rating	Better than IP45
11	Average life expectancy	More than 100,000 hours of use
12	Power supply requirements	220V±10%; AC50HZ, three-phase five-wire
13	Screen brightness	White balance brightness 1500-3500cd/m2; automatic adjustment and manual adjustment according to ambient brightness
14	Visible distance	The image is clearly visible when viewed from a distance of 20m~250m
15	Perspective	160 horizontally, 140 vertically
16	Gray scale	≥16(bit)
17	white point color temperature	5500K-15000K (adjustable)
18	Drive mode	static
19	Decay rate	Less than 0.05% for 2 years
20	Refresh rate	Greater than 3840HZ
21	Frame rate	Greater than 60HZ
22	MTBF	More than 10000 hours
23	Lamp bead defective pixel rate	Less than one ten thousandth, and distributed discretely
24	Control System	Colorlight/ Nova Synchronous Asynchronous
25	Use environment	◆Working environment: -10～+65 ℃/ 10～90 %RH ◆Storage environment: -40～+85 ℃/ 10～90 %RH
26	Installation method	SMT, hoisting, fixed installation, support any size cutting, bending.

Product specification

		PH30-LED holographic film screen
1	Pixel pitch	L(30mm) W(30mm)
2	Pixel density	1024 points/㎡
3	Display thickness	1-3mm
4	LED light tube	SMD2020 (four-in-one led light)
5	Module size	1500mm*250mm/1200mm*250mm/1000mm*250mm
6	Electrical properties	Average: 240W/㎡, Maximum: 600W/㎡
7	Screen weight	Less than 3kg/㎡
8	Switching power supply	Yuan Chi
9	Visual transparency	>95 %
10	IP rating	Better than IP45
11	Average life expectancy	More than 100,000 hours of use
12	Power supply requirements	220V±10%; AC50HZ, three-phase five-wire
13	Screen brightness	White balance brightness 1500-2500cd/m2; automatic adjustment and manual adjustment according to ambient brightness
14	Visible distance	The image is clearly visible when viewed from a distance of 30m~250m
15	Perspective	160 horizontally, 140 vertically
16	Gray scale	≥16(bit)
17	white point color temperature	5500K-15000K (adjustable)
18	Drive mode	static
19	Decay rate	Less than 0.05% for 2 years
20	Refresh rate	Greater than 3840HZ
21	Frame rate	Greater than 60HZ
22	MTBF	More than 10000 hours
23	Lamp bead defective pixel rate	Less than one ten thousandth, and distributed discretely
24	Control System	Colorlight/ Nova Synchronous Asynchronous
25	Use environment	◆Working environment: -10～+65 ℃/ 10～90 %RH ◆Storage environment: -40～+85 ℃/ 10～90 %RH
26	Installation method	SMT, hoisting, fixed installation, support any size cutting, bending.