



Shenzhen Kingly LED Co.Ltd.

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MAT Series Magic Carpet LED Screens

Shenzhen Kingly LED Co.,Ltd.

Make Display Different



C About kingly LED OMPANY PROFILE

Shenzhen Kingly LED Co., Ltd. was established in 2016 and it's headquartered in Shenzhen, China. It is a high-tech enterprise integrating R&D, production, marketing, engineering applications and services provide customer with a series of solutions from product design, hardware, and software. The company has modern professional equipment and testing equipment to ensure the core process quality of products, which fully implements standardized operations from raw material procurement, management to production, installation, and testing. Each step is strictly implemented in accordance with the ISO9001:2015 international quality control process, and the high-quality products and services have won praises from customers at home and abroad. The products are sold well in overseas market, and 1000+ application examples have been successfully implemented .

Kingly LED keeps its promises. One of the well-known Chinese brands "Kingly LED Display" LED floor screens have characteristics including waterproof and moisture-proof, non-slip and wear-resistant, super load-bearing, super fast response, safety and durability, etc. The whole series of products have passed ROHS, CCC, CE, FCC, ETL, IP66 dustproof and waterproof test, anti-glare test, electromagnetic compatibility test, high and low temperature test, heavy metal content test, and other quality certifications conducted by professional institutions, and have obtained a number of practical new type patent certificate and appearance design patent certificate. We create value for our customers and provide global customers with LED intelligent interactive LED floor screen and high-end LED creative customized products.

Mission: We work together to meet the professional and differentiated customization needs of global users' smart display, make our products more sustainable, build a creative smart interactive world, and have a positive impact in the environment in which we live and grow.

Team: No matter where we come from, the love for smart display makes us together. It teaches us to be competitive, but also to uphold a cooperative and welcoming attitude.

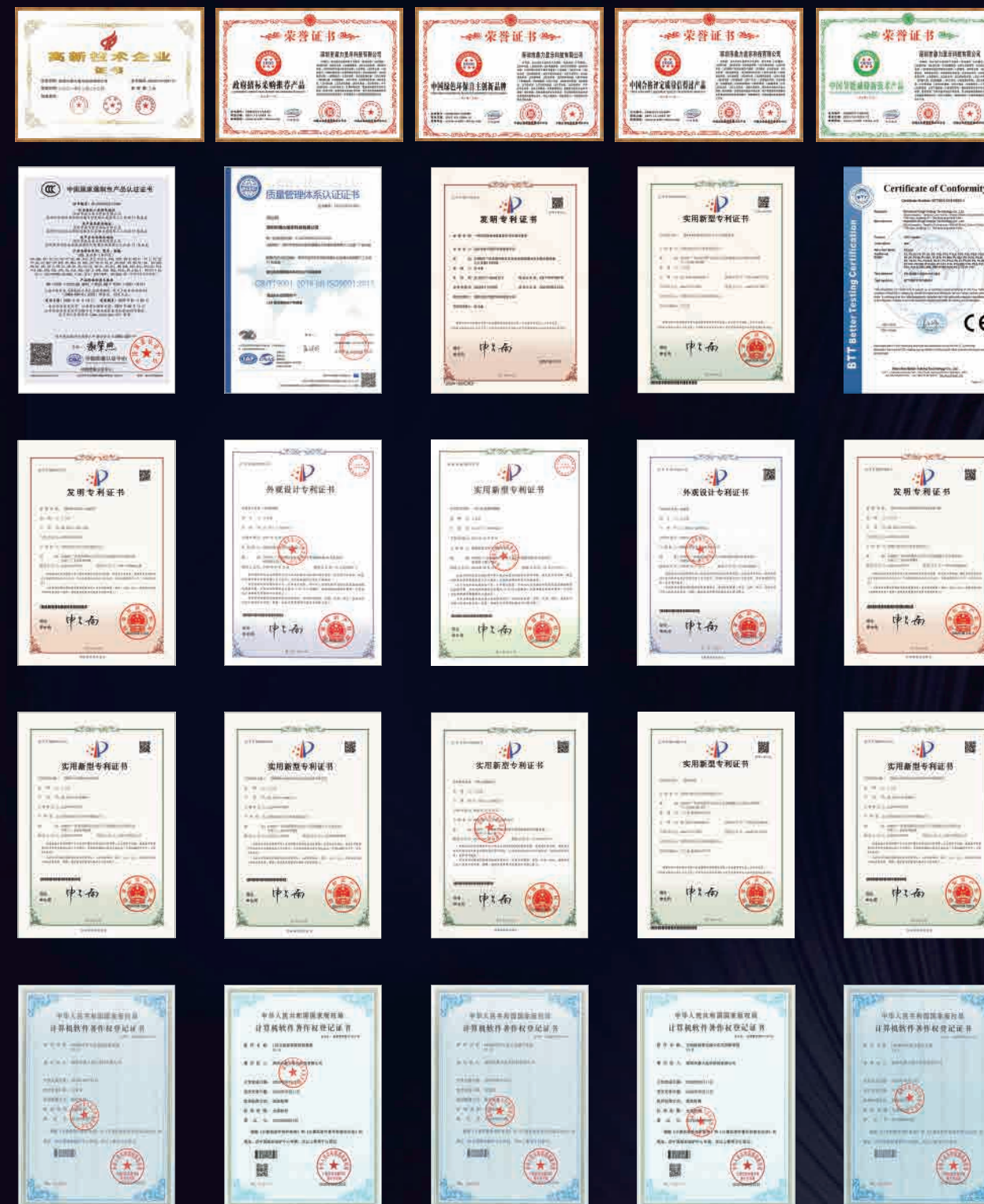
Values: integrity, enterprising and sharing.

Certificates

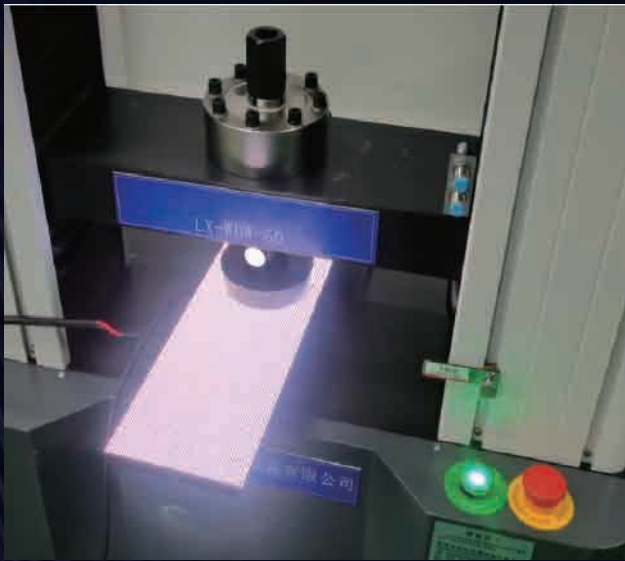
100+ Product
Certificates

51+ Patent of
Inventions

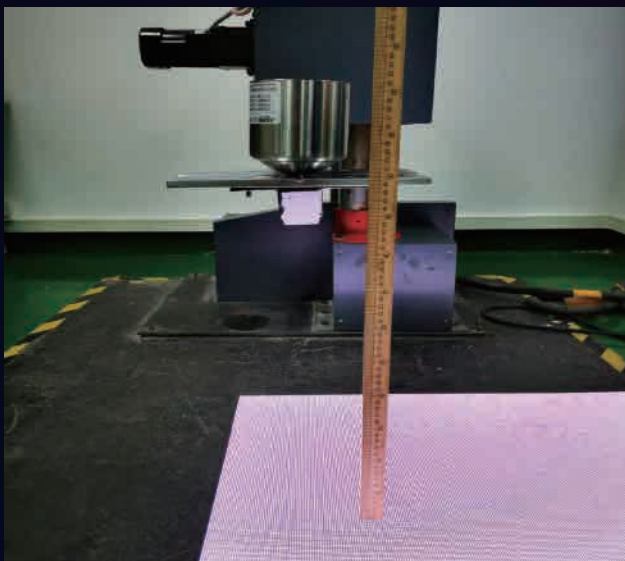
25+ Software
Copyright



LED magic carpet screen experimental testing



Experimental stress test
5000kg



Drop test
1k10



Car load-bearing test
1m² load capacity 1000kg



high heels test
A single point can bear 100kg

Interactive LED magic carpet screen solution

All product patent designs have passed a number of authoritative qualification certifications
Provide one-stop solution for your project, we can provide customized solutions according to your needs



Advantages of LED magic carpet screen



Make Display Different

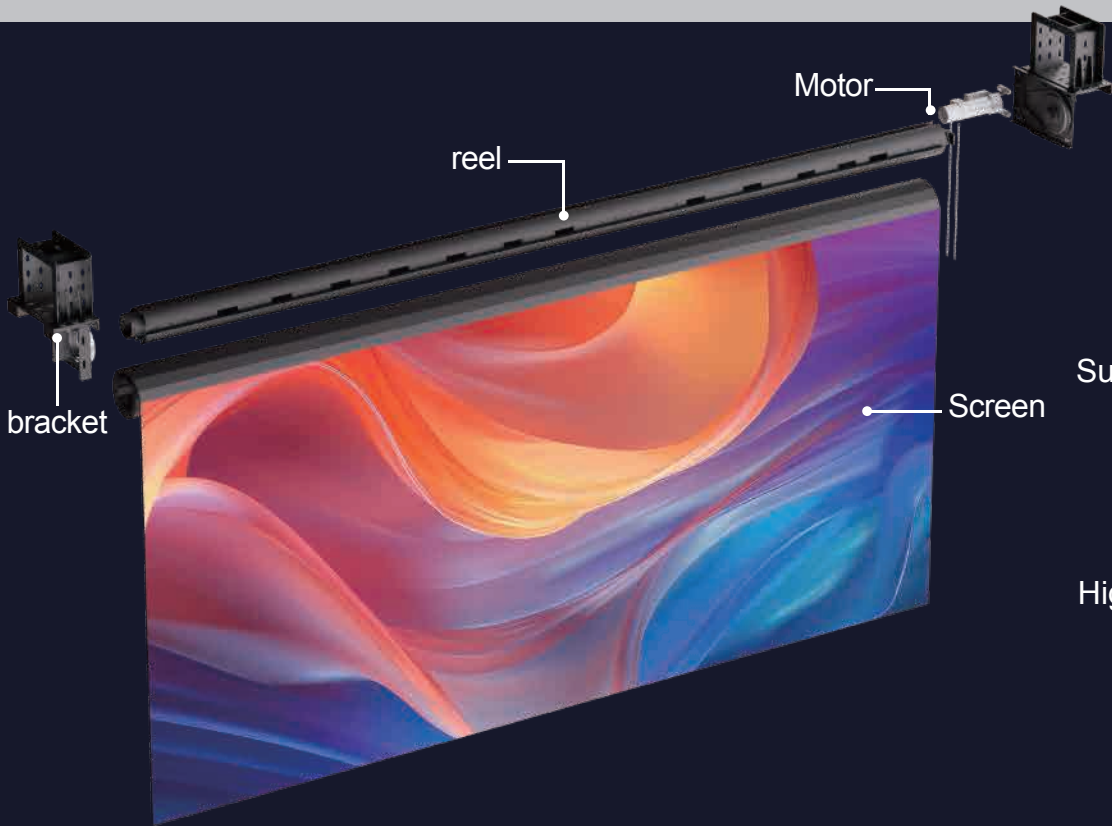
- 1) Ultra-light, ultra-thin(thickness: 17mm)
- 2) DC24V-48V input, safety usage
- 3) High-end DOB solution, big viewing angle
- 4) Exquisite shape and foldable, small storage spaces



Floor application



Rolling application



Support customization

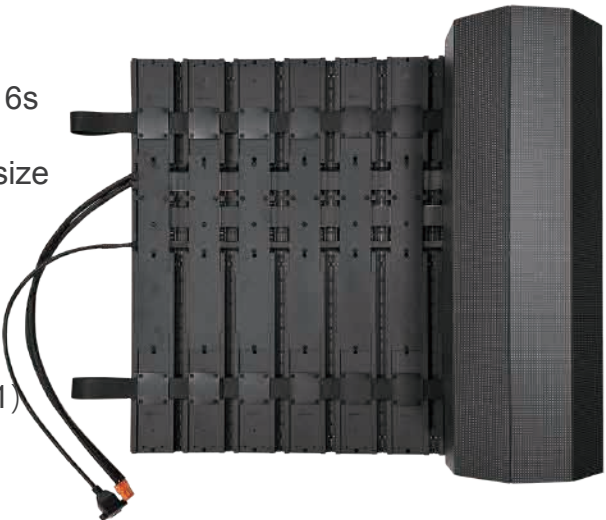


High-definition display

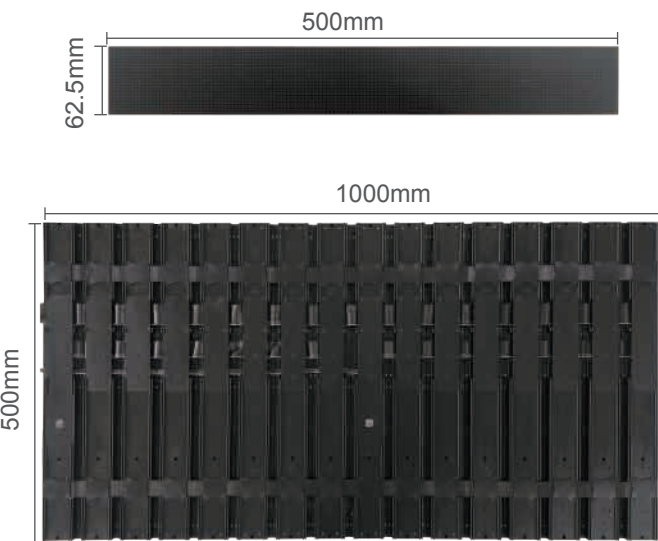


Reel design

- 5) No need support bases, lay down the ground directly
- 6) Seamless splicing, no screw holes on the surface of module, and exquisite structure
- 7) 1000kg/m² load capacity
- 8) Built-in interactive chip, sensing speed 0.016s
- 9) High precision seamless splicing supports size customization
- 10) Multiple pixel pitches optional (P0.78、0.976、1.2、1.5、1.95、2.6、3.91)

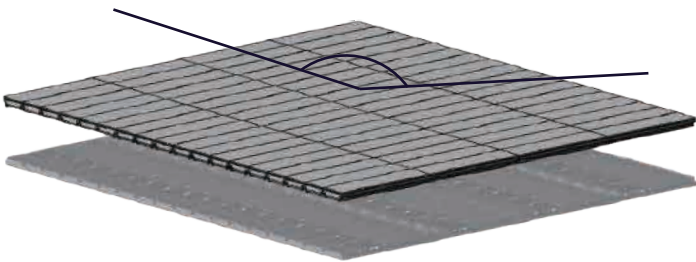


size



Viewing angle

140°-160° visual range,providing more fleixble and wider viewing experiences which ensures the efficiency and quality of information transmission.



Interactive LED magic carpet screen solution



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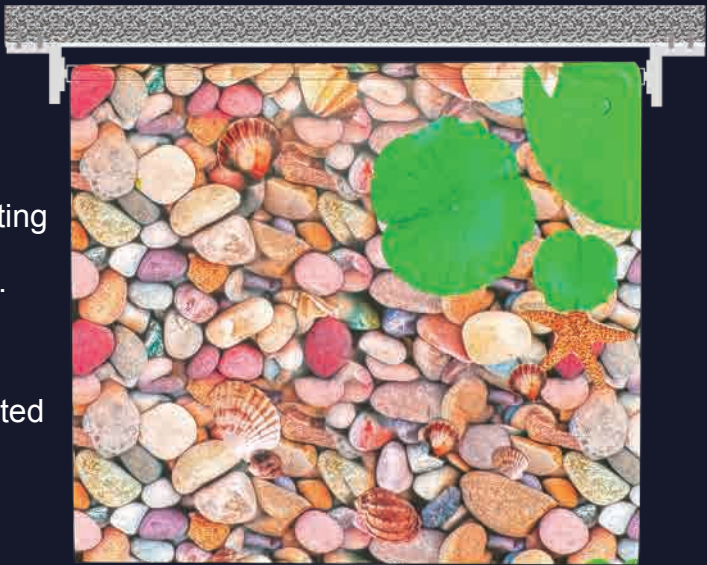
Ceiling fixed installation

High space utilization:

Fix the screen directly to the ceiling, eliminating the needs for extra structures such as racks.

Strong visual integrity:

The screen body and the Ceiling are integrated to reduce the installation structure and enhance the overall display atmosphere.



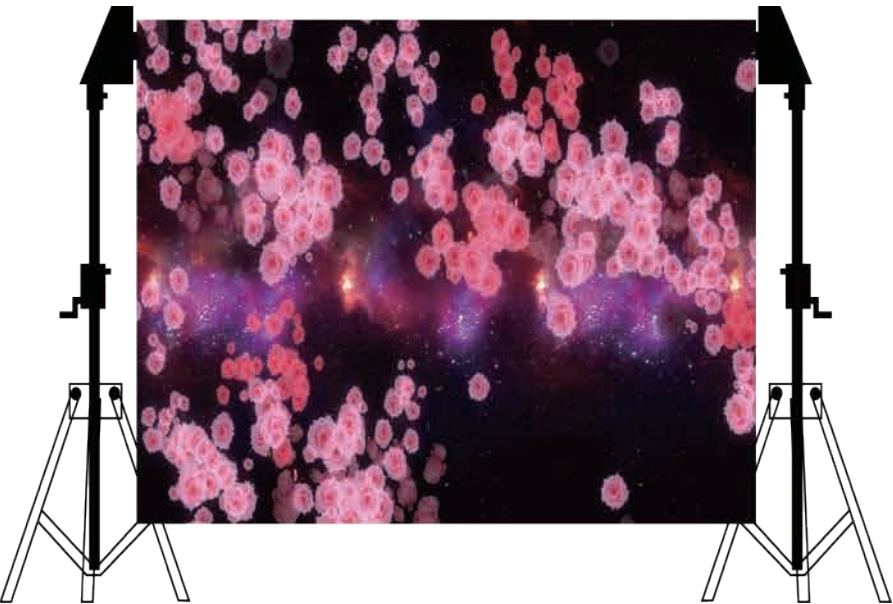
Floor tile installation

- No need install structures
- More reliable load-bearing
- Seamless splicing
- Easy and fast installation and maintenance
- High stability and security



Truss rental mobile installation

- Ultimate flexibility
- Efficient and convenient
- Stability and security



Tripod installation

- Fully space utilization
- Fine structure does not take up space
- High mobility and flexibility



Truss installation

One-touch lifting design:

Remote control operation, flexible space utilization, convenient operation.

Robustness upgrade:

The special reel bracket is directly connected to the row frame, and the contact force is evenly distributed.



Fast rental with a frame installation

- Adapt to diverse scenario
- Flexible installation
- Quick assembly and disassembly, high utilization rate
- Low temporary adjustment costs

MAT SERIIES PARAMETER TABLE

Model Number	M0078	M0009	M0125	M0156	M0195	M0026	M0391
Pixel Pitch (mm)	0.78	0.976	1.25	1.56	1.95	2.6	3.91
Pixel density (dot/m²)	1638400	1048576	640000	409600	262144	147456	65536
LED Configuration	SMD0606	SMD0606	SMD1010	SMD1010	SMD1010/1415	SMD1415/1515	SMD2121
Module resolution (pixels)	640 x 80	512 x 64	400 x 50	320 x 40	256 x 32	192 x 24	128 x 16
Brightness	400 cd	400 cd	400 cd	600 cd	600 cd	600 cd	600 cd
Max power consumption(w)	570 w	540 w	450w	510 w	480w	480 w	480 w
avg power consumption(w)	190 w	180 w	150 w	170w	160 w	160 w	160 w
Scanning method	1 / 80 s	1 / 64 s	1 / 50 s	1 / 40 s	1 / 32 s	1 / 24 s	1 / 16 s
Module size (mm)	500 x 62.5 x 17 mm (±0.5mm)						
Maximum load bearing	1000 kg/m²						
Refresh rate	3840-7680 Hz (optional)						
Protection level	IP54/IP21						
Installation method	Floor / Rolling / (optional)						

LED magic carpet screen application scenarios



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Home installation

- Upgrade your living room into an interactive home entertainment center
- Improve fun and parent-child attributes
- Scene decoration function



Enterprise entrance

- Make your welcome "come alive"
- Mobile interpretation of brand LOGO
- Exclusive scenes can be customized in conjunction with festivals and events

Office entrance

- Break the static feeling of traditional office space
- Enhance interactivity
- Custom display content
- Improve space fun and participation



Magnetic suction on the back

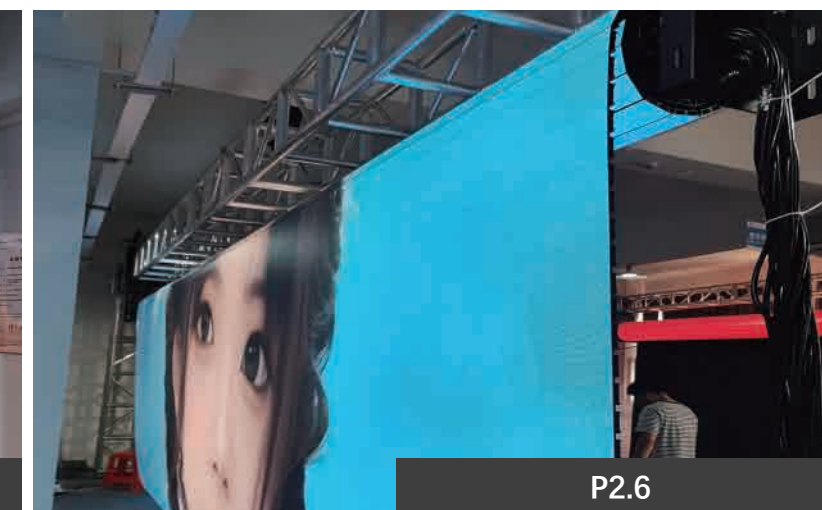
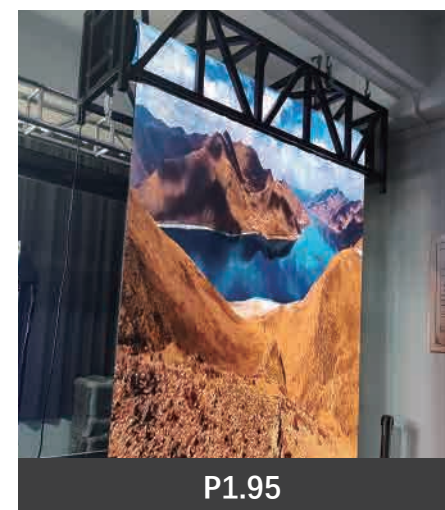
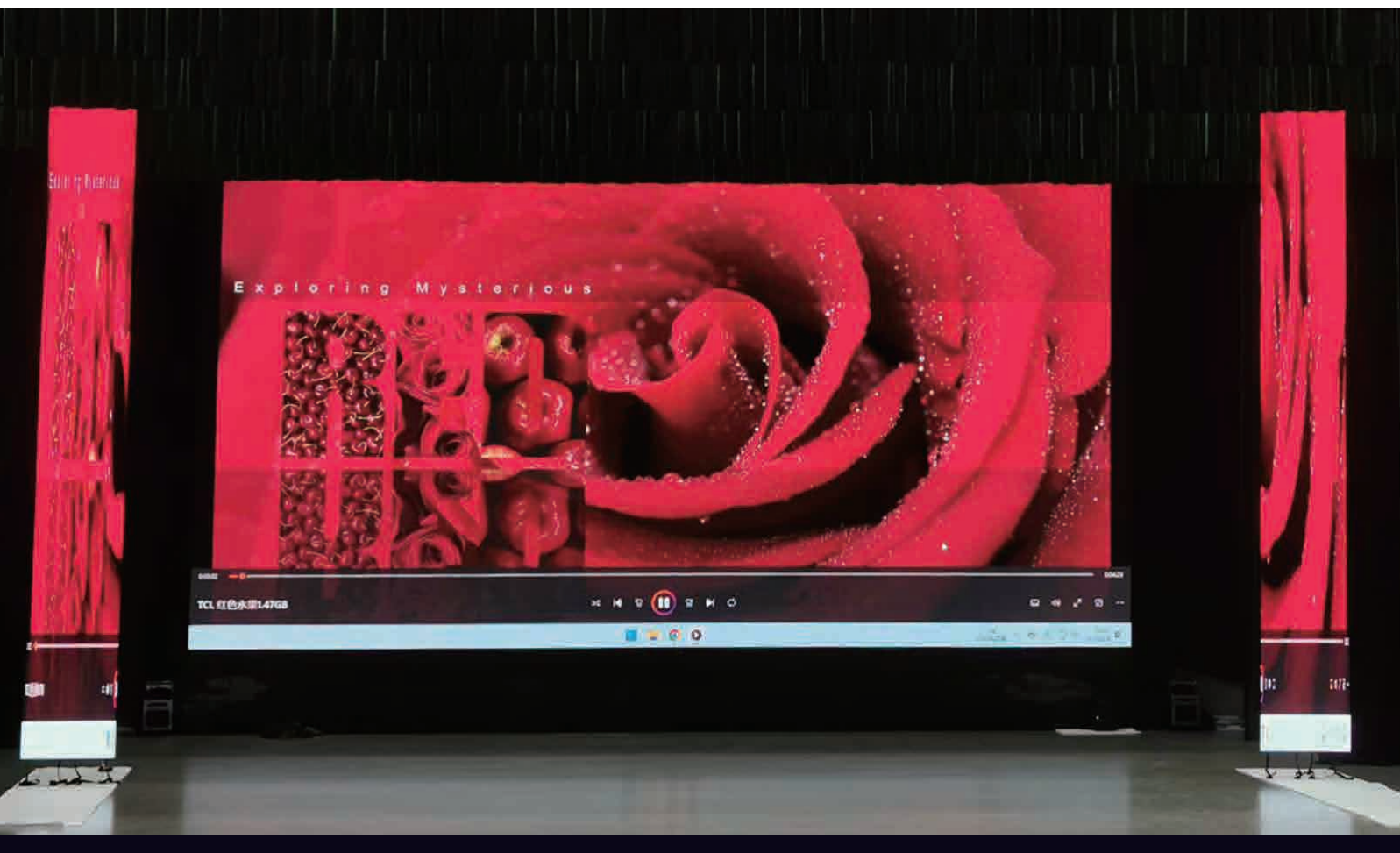
- Achieve quick installation and flexible disassembly
- Aim at the preset magnetic suction point to fix it
- Flexible maintenance and storage
- Easy to change the installation position,
- Adapt to different scene needs





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Project case



Application scenarios

The LED interactive magic carpet screen can simulate an immersive experience and product innovation. Kingly Display adopts mature product technology, stable performance, built-in interactive sensor chip, anti-slip, waterproof, high brightness, high load-bearing, etc. The display effect is clear and vivid, the animation is smooth and diverse, has a wide range of applications, and leads the trend

Commercial space [shopping mall, hotel lobby]

Cultural and entertainment venues [theaters, concert halls, theme parks]

Transportation hub [airport, subway station]

Home and office [high-end villas, creative offices]

Education industry [classroom, audio-visual playback hall]

