



Outdoor Floor Interactive
Projection

About Interactive Projection

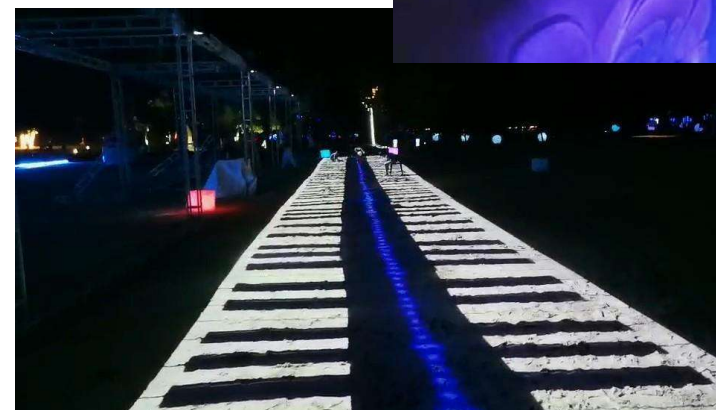
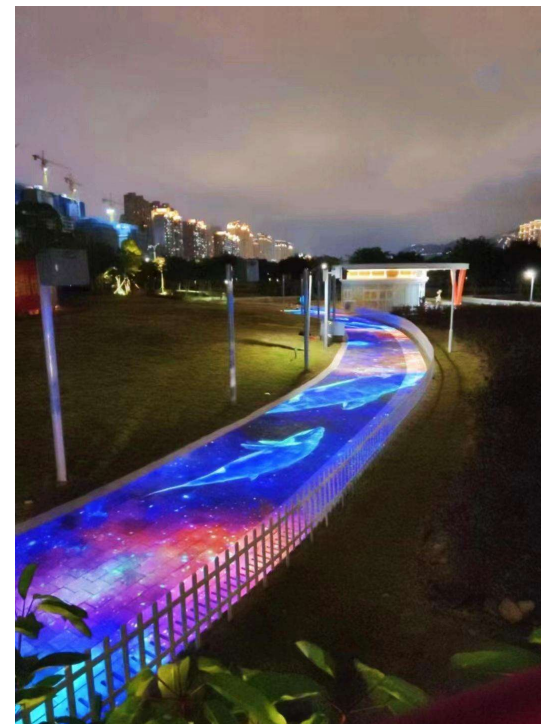
Dynamic ground or wall interaction uses a projector to project the game screen on the ground or wall, and uses dynamic capture technology to realize real-time interaction between people and the dynamic screen on the ground or wall.

When visitors walk through the interactive area, various interactive effects will change accordingly with your steps or hands, creating unexpected light and shadow effects.



① Solution - Real Cases for Reference

Real cases for
outdoor
interactive floor
projection.



1 Solution

Description

- 1) Effect Description: to create immersive interactive experience for visitors.
Interactive projection effect on the floor.
- 2) Projector matched: **5500 lumen short throw laser** projector all-in-one.
- 3) Quantity of projector: one projector recommended maximum projection size 5.6m*3.5meters, totally **5sets**
- 4) Sensor: infrared camera
- 5) Content Material : 50+ different contents for choice.
- 6) Projector installation position : will provide detailed installation guidance once the project is confirmed.
- 7) Host: PC system
- 8) Control: by wireless keyboard&mouse
- 10) Accessory: router, network cable, , projector remote control, PC, switch, multidisplay device, android tablet, etc
- 11) Function: support sync. the screen in one content
- 12) Budget: 17000USD**



2 Solution - Projector Diameter



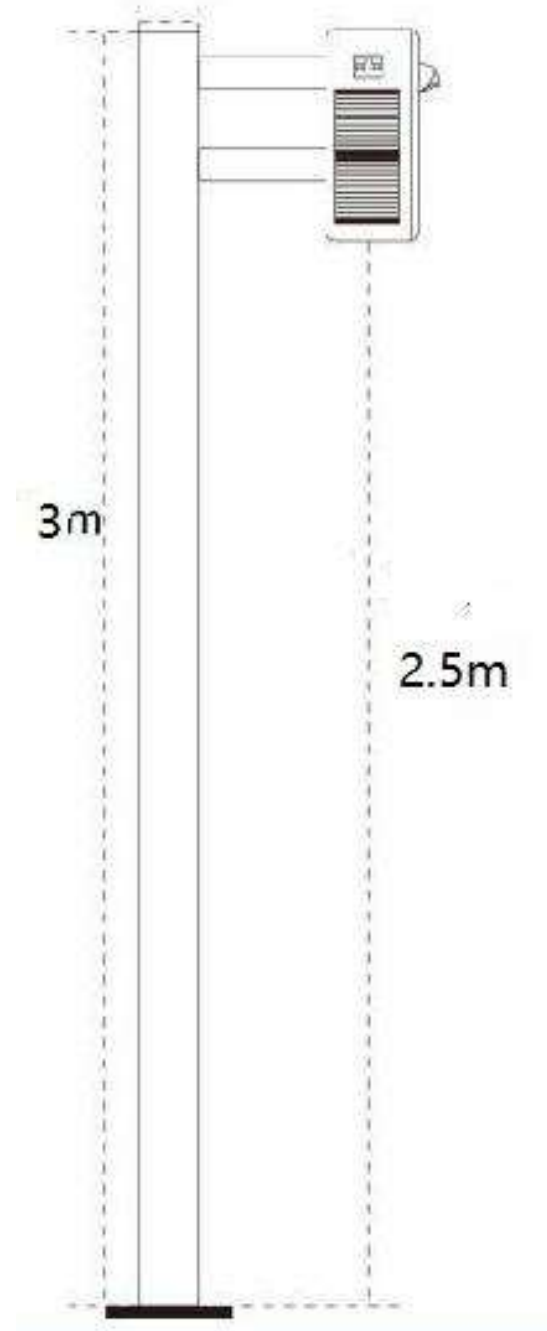
Model No.	MYT-HW5500
Display technology	3LCD*0.69
Brightness	5500lumen
Resolution ratio	WUXGA(1920*1080)
Contrast ratio	5000000:1
Type of light source	Laser
Laser light source service life	Normal mode : 20000h; Economic model : 30000h
Throw Ratio	0.44:1
Power supply	100-240V (50/60Hz)
Power dissipation	380W
Size (length × width × height)	640*475*490mm
Sound	10W*2
Outer shell	The shell is 2mm galvanized sheet, stable structure, no deformation, surface treatment is anti-corrosion and anti-rust spraying surface treatment
Host configuration	Android RK3399 six-core(A72x2+A53x4) 64-bit processor; Main frequency 1.8GHz, integrated quad-core Mali-T864 GPU
Host function	Built-in high-performance infrared capture, remote control switch, timing switch function, power-on self-starting; Support remote timing switch, support 7*24 hours continuous work.
Capture equipment	Infrared capture camera, optional radar
Interactive software	More than 50 different interactive special effects, support paid updates
Temperature design	Operating temperature: 0°C-40°C; Storage temperature: -10°C-60°C
Above data is for reference. Detailed information please contact sales	

③ Solution - Projection Plan

Example

Each projector projects
5.6m*3.5m area.

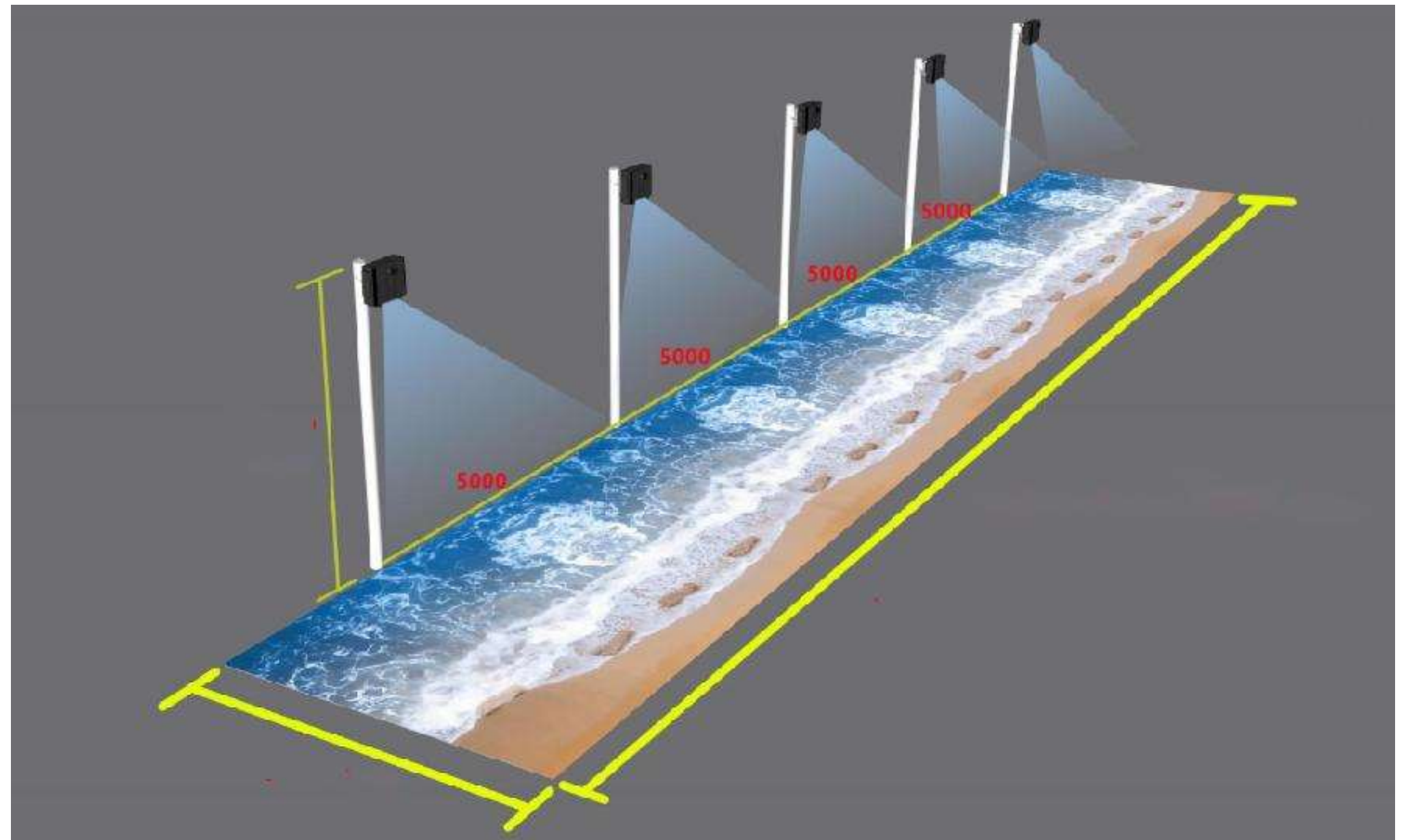
The pole is about 3m
height.



③ Solution - Projection simulation

Basic

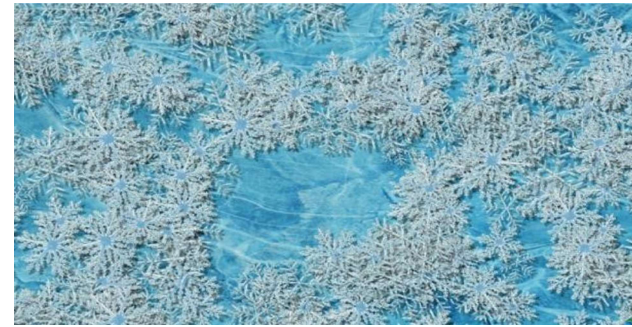
Totally 5sets projectors



4 Solution - Projection contents



Painting



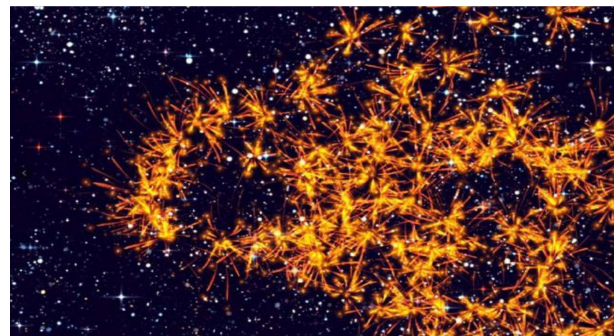
Snowflake



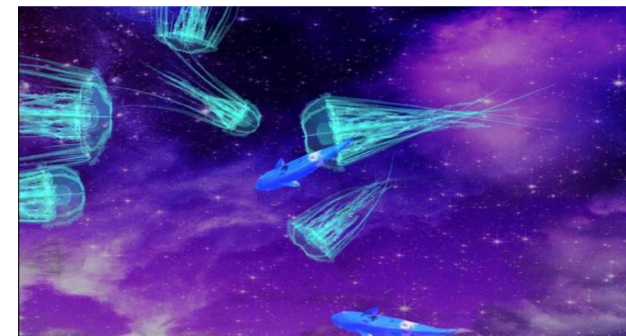
Magma

Basic

Totally about 60
different projection
contents



Star Spark



Star Jellyfish



Zombie Bugs



Hopscotch Numbers



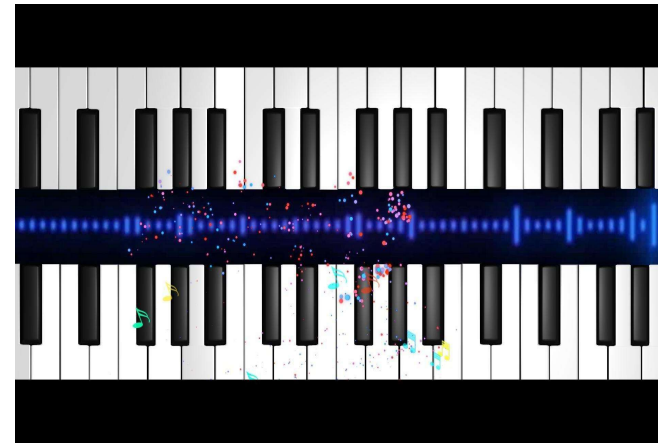
Cracked Ice



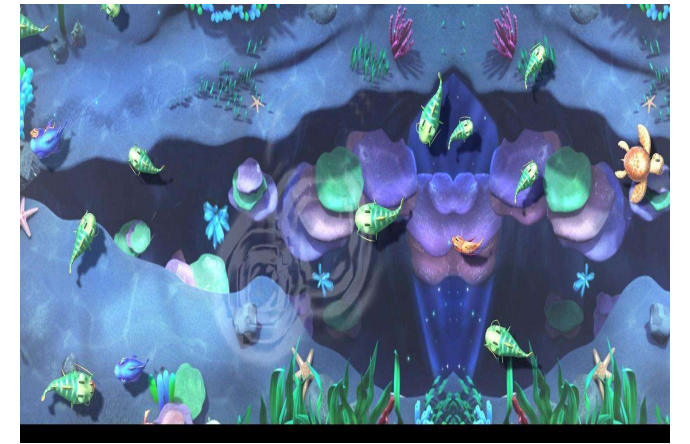
Ice Cream



Blossoms



Piano



Undersea Fish



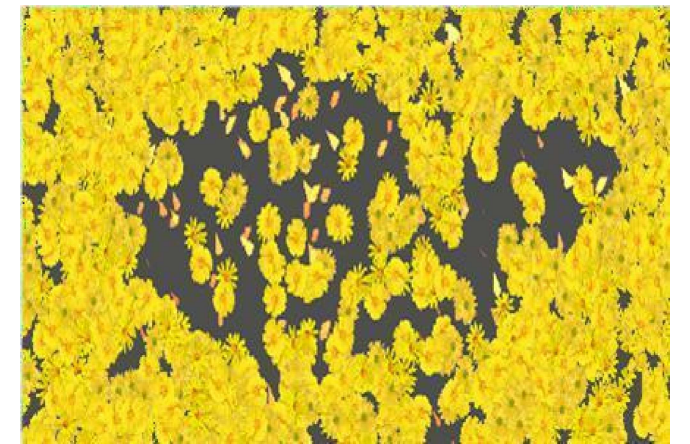
Pond Goldfish



Blossoms



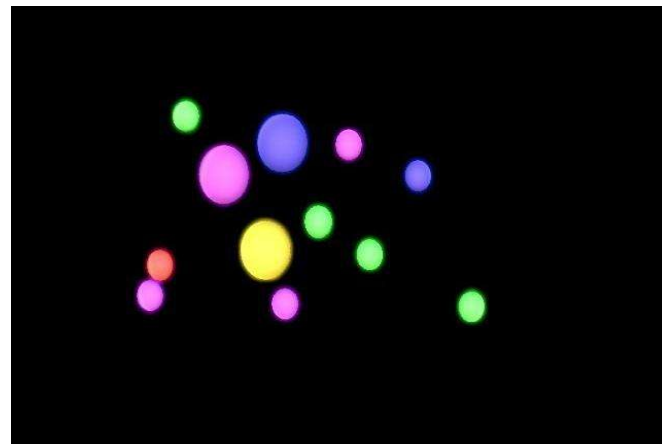
Blossoms



Yellow Flowers



Carp



Bump Ball



Cut Fruit



Fruit Bump



Shattered Glass



Turtle



Bright Fireworks



Dynamic Football



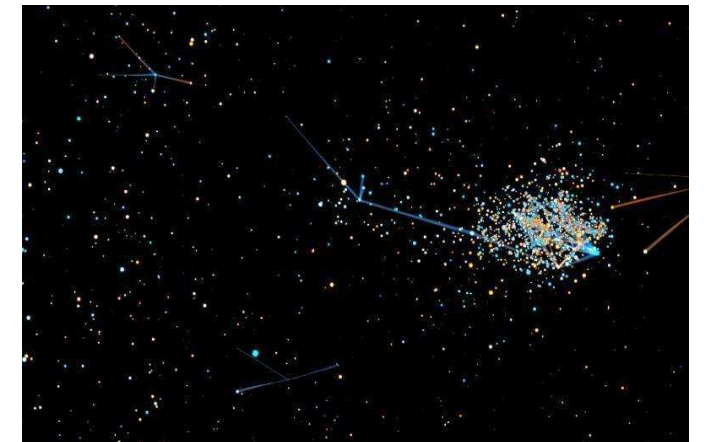
Bottom Fishing



Football Match



Kick Bottle Cap



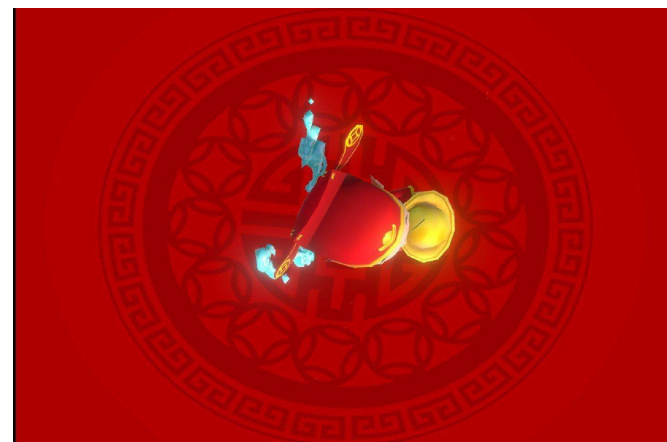
Starry Sky Lines



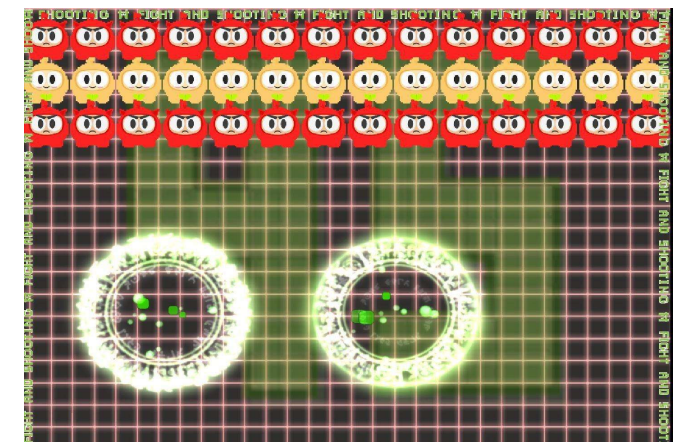
Beach Waves



Emoticons



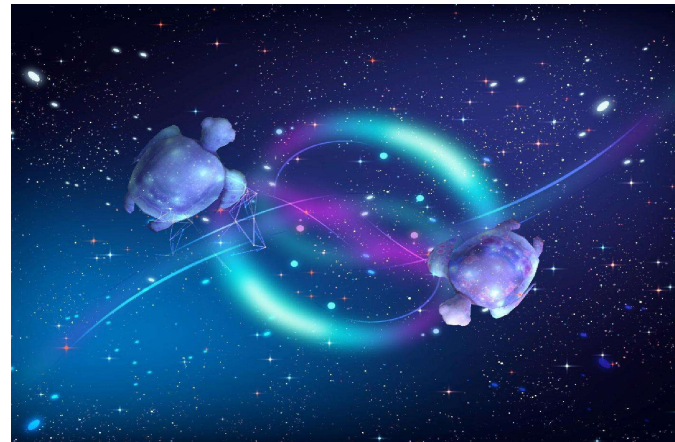
God Of Fortune



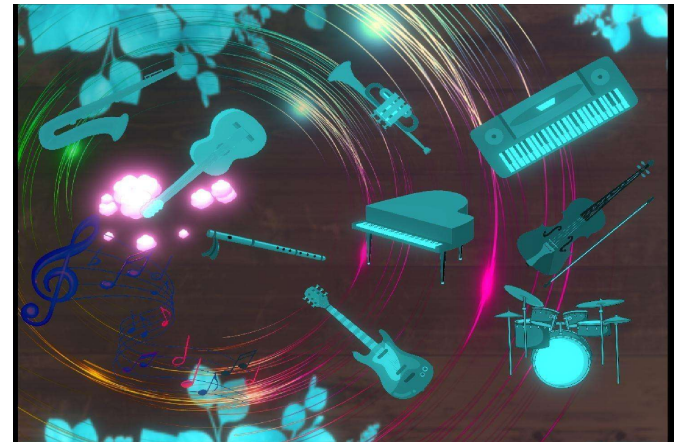
Block Collapse



Block Collapse



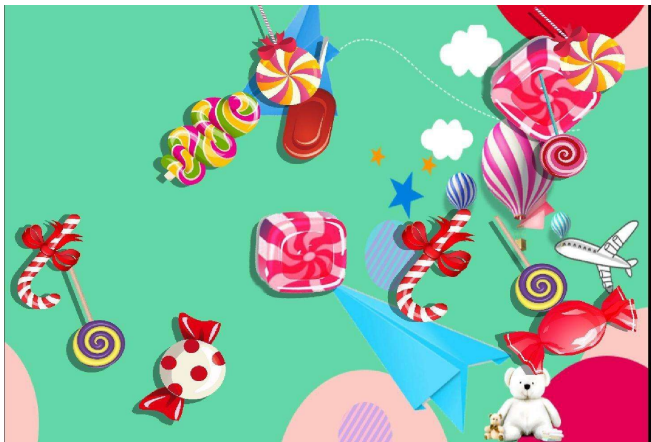
Sea Turtle



Musical Instrument



Plum Blossom



Candy



Hopscotch



Lotus Pond



Red Envelope



Fireworks



Music



Little Gecko



Ballons



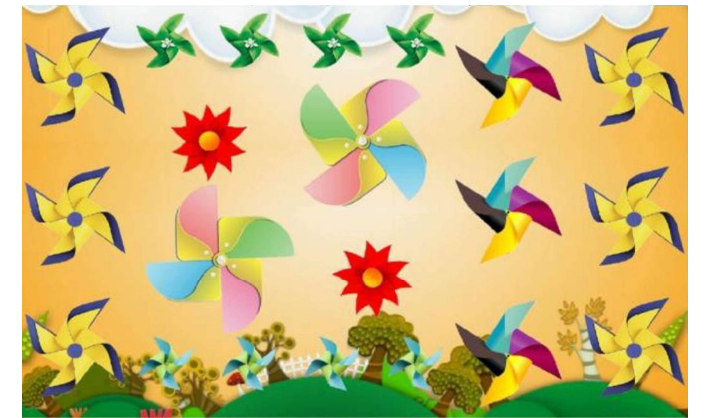
Pick Mushrooms



Insects



Cakes



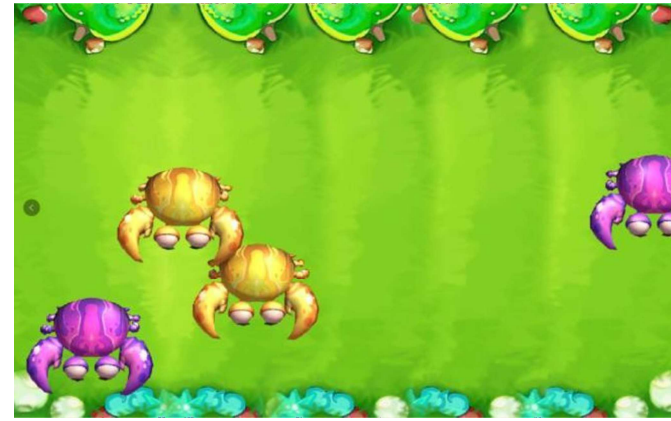
Windmill



Balls



Jumping Letters



Crabs



Stars



Frog



Bread



instrument



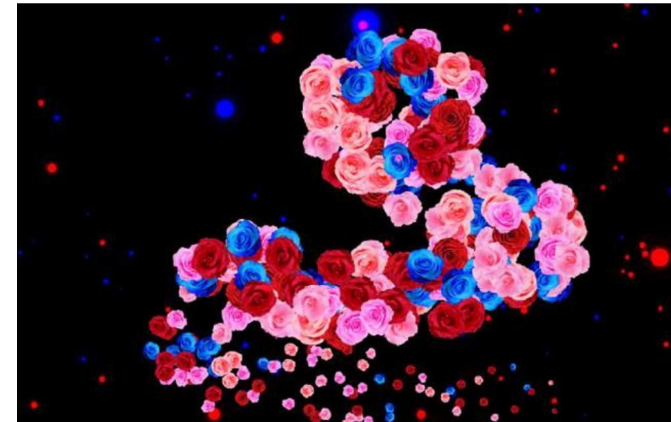
Ballons



Cherry blossoms



Maple Leaf



Rose Sea



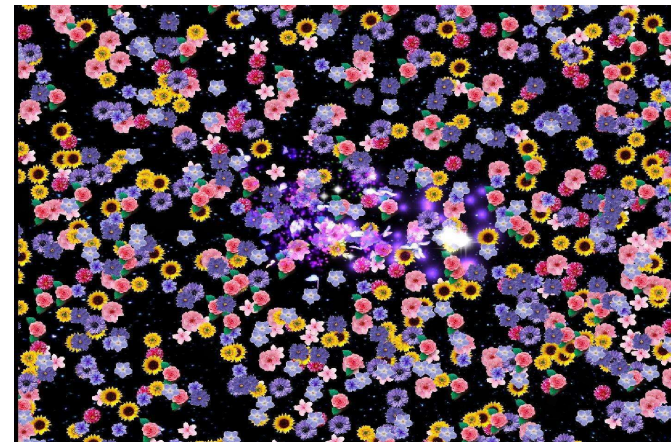
Plum Flower Sea



Four Leaf Clover



Hopscotch



Broken Flower



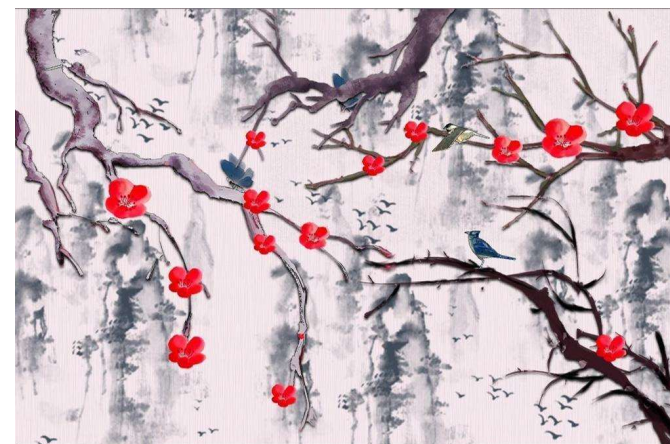
Heart Petals



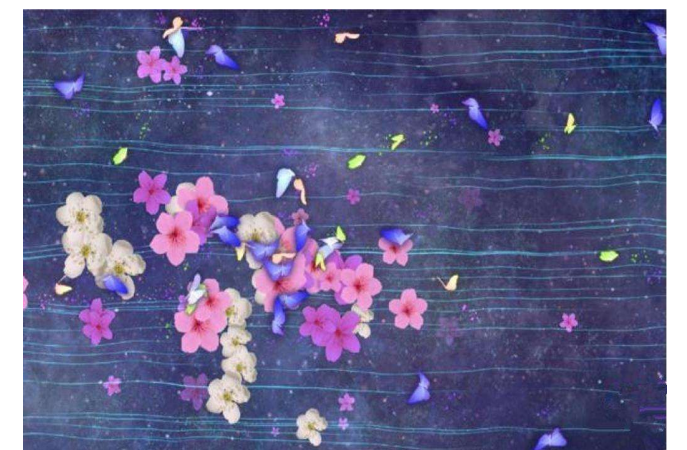
Star Whale



Ink Lotus



Ink Plum

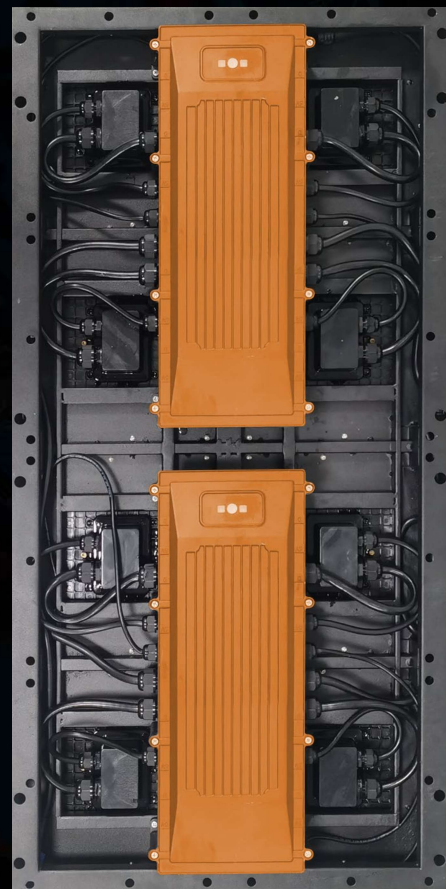


Cherry Blossom Lines

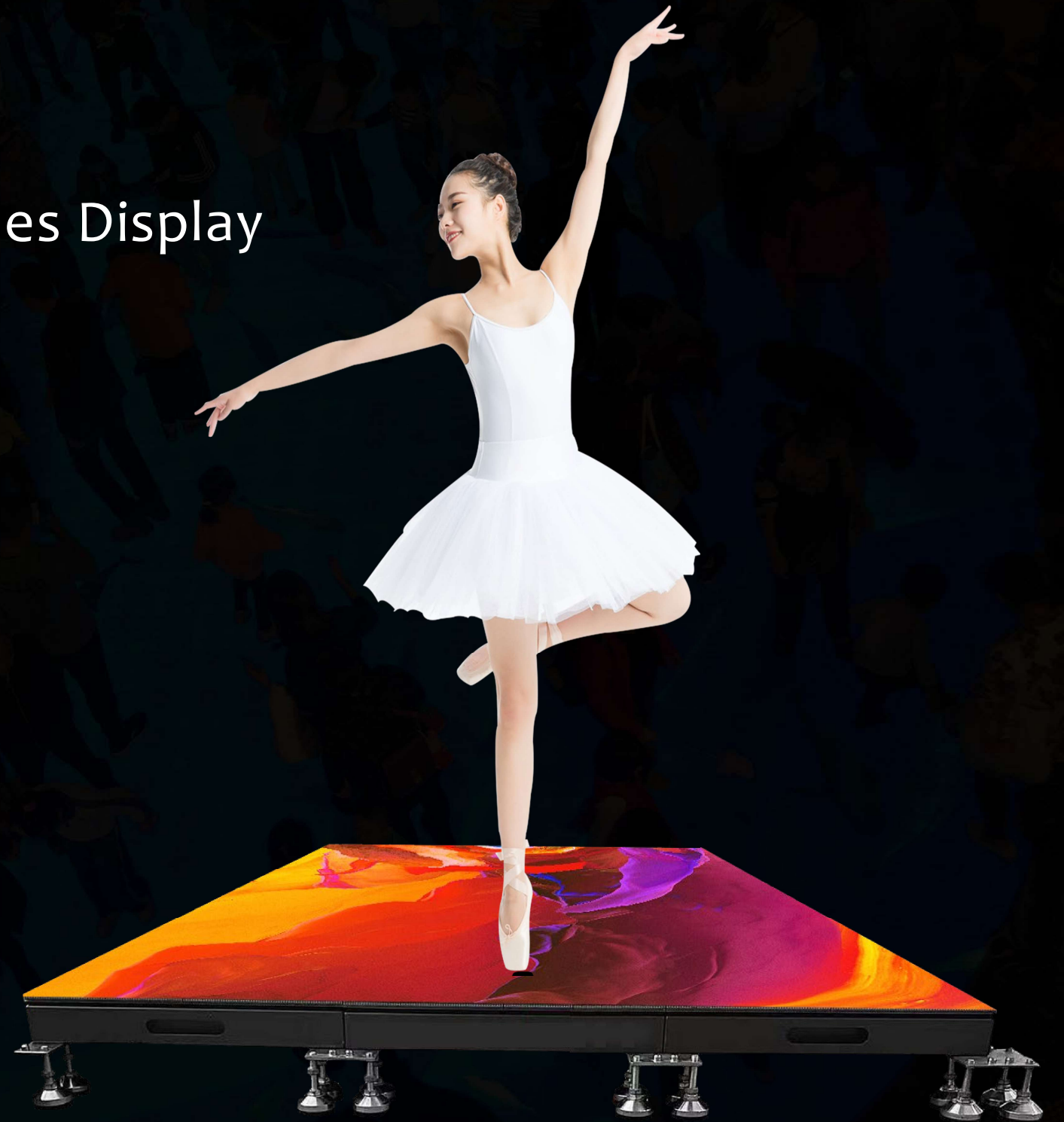


LDF Series Outdoor

Interactive Digital Dance Floor Led Tiles Display



500x1000mm
LDF390 | LDF620



The Solution for interactive LED Dance Floor

With the development of 5G, VR, 8K technology, LED displays are gradually breaking the audience's inherent impression of immersive experience, more diversified and interactive request are becoming more popular. The interactive LED floor tiles become the new favorite in creative commercial display market. The interactive type subverts the sense of vision, touch, and hearing, It is an intelligent display carrier that can interact with the audience. now widely used in shopping malls, conferences, auto shows, and other occasions to enhance the intelligent experience of human-screen interaction

Interactive LED Dance Floor



Shopping mall



Auto show



Exhibition Booth

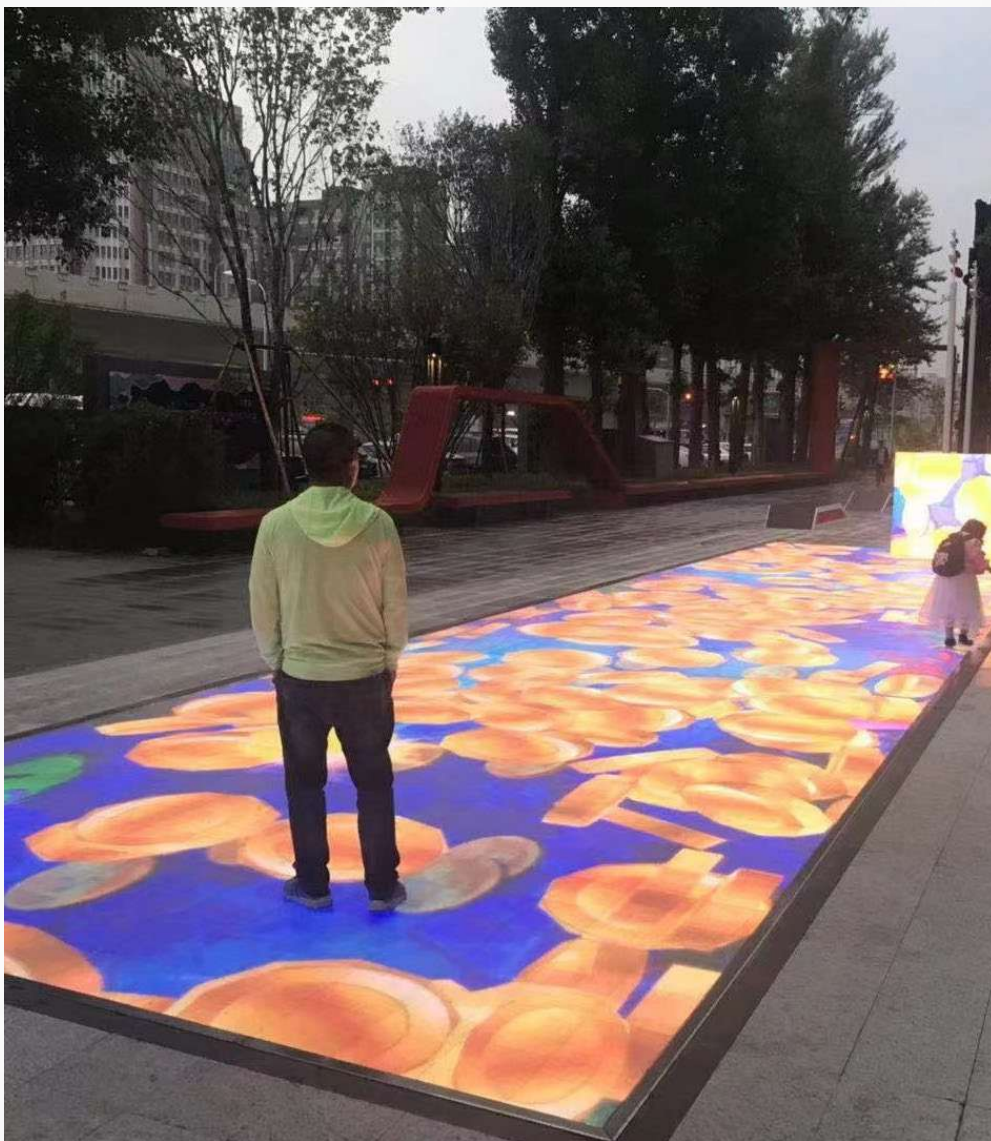


Flagship Store



Events

How does our interactive works

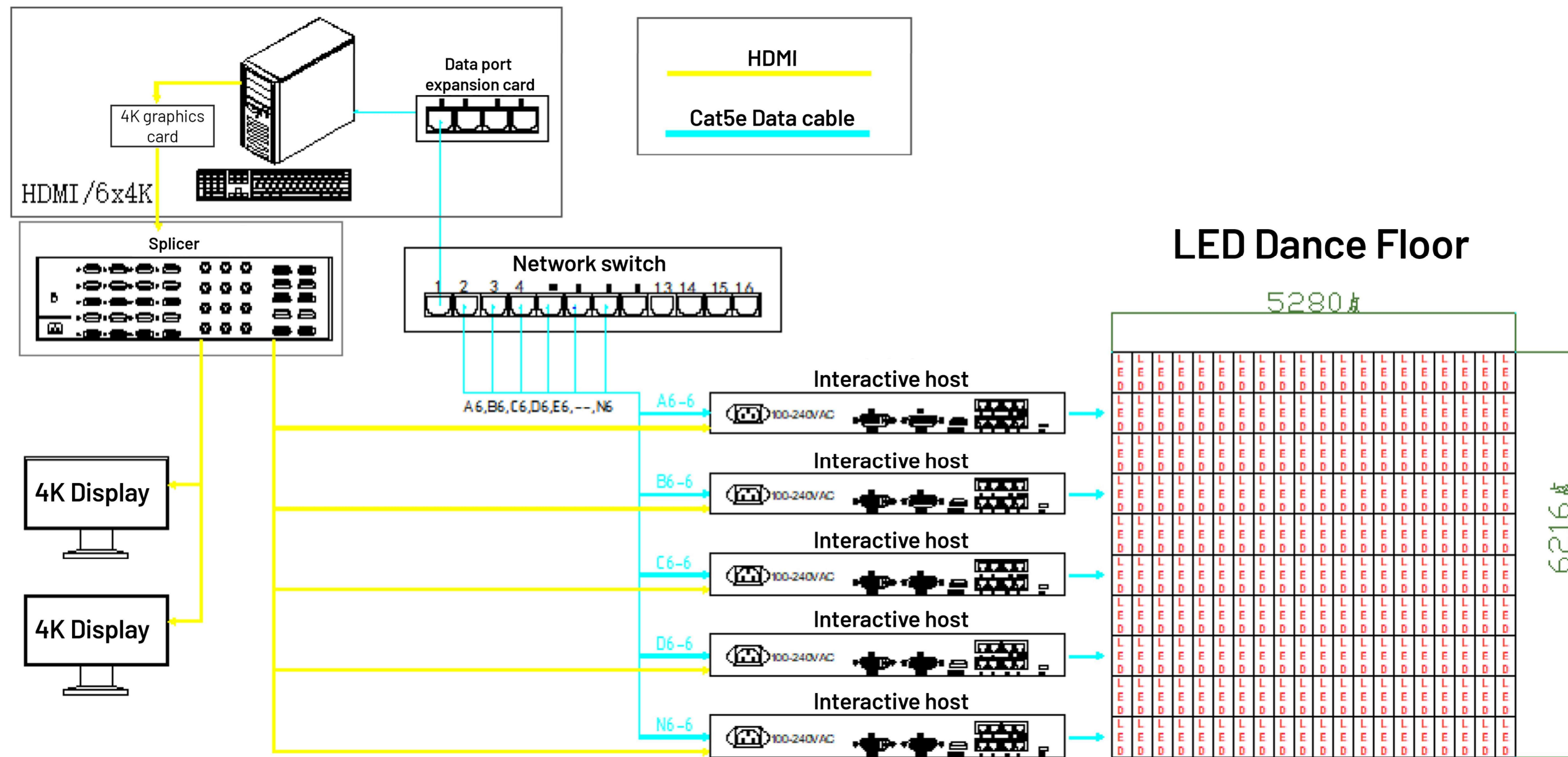


We adopt the most advanced micro sensor technology (optical sensor) to reach interactive. The sensing device emits special light waves from the internal light board of the LED floor tile screen module to the surface of the screen, and starts working when an object touches the surface of the screen to block the light waves emitted by the sensing device. The interactive software locates the object coordinates through the coordinates of the sensing device.

From the control to the installation method, it is more convenient and fast, with fast response speed, high precision of induction display, multi-scene application and multi-device linkage, so it is called LED intelligent interactive floor tile screen.

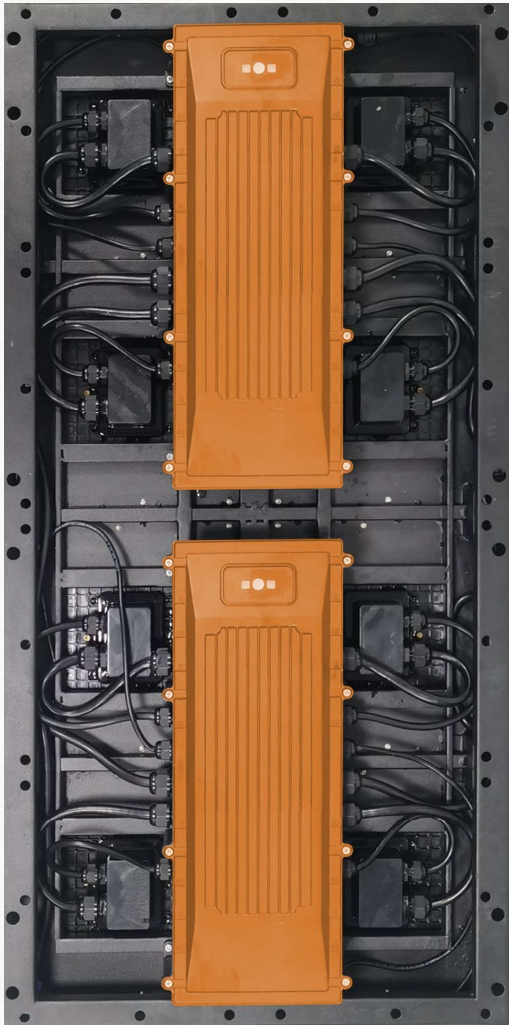
The LED floor tile screen combines the intelligent interactive system and interactive materials to present the real scene in a virtual way to achieve the effect of human-computer interaction.

Working Topology



LDF SERIES

Outdoor Interactive Digital Dance Floor Led Tiles Display



6.2mm

Pitch

0.02 S

Response time

3 T/M²

Max loading bearing

3500-4500 Nits

Brightness

3840 Hz

Refresh rate

120° | 120°

Viewing angle

500*1000 mm

Dimension

44 KG/M²

Weight

Iron

Material

Complete Set Available

We provide complete set for led dance floor , improving your procurement efficiency and experience



Fan



Ramp



Foot support



Maintenance Tools



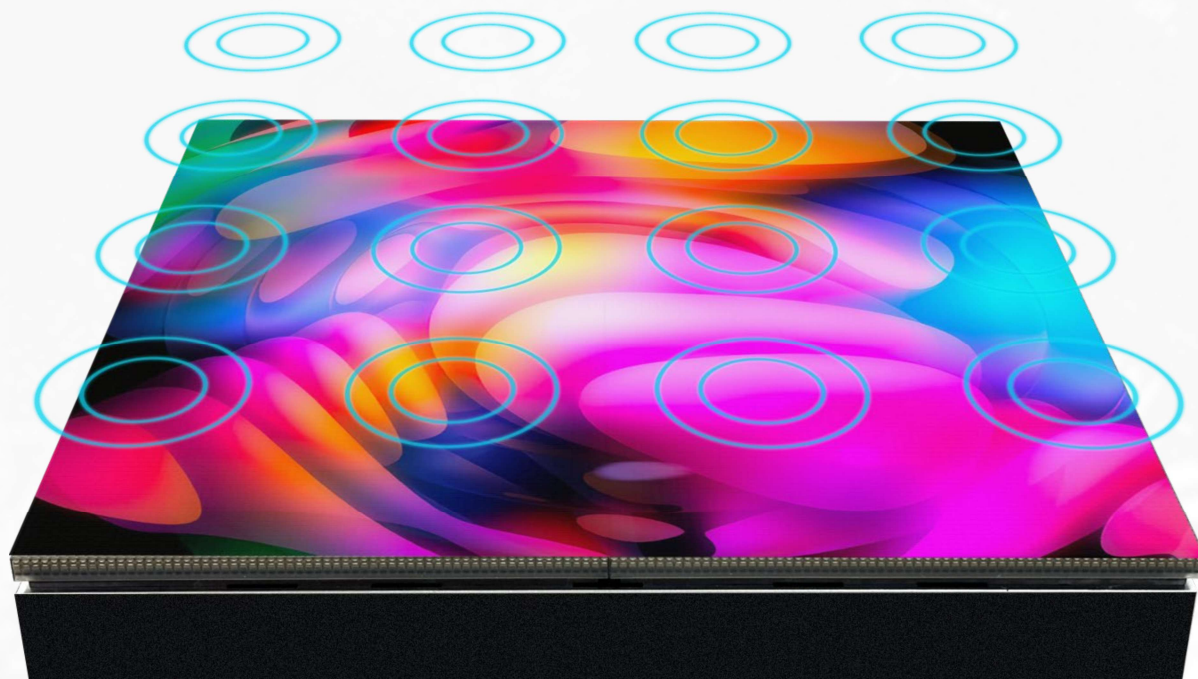
Power Distribution
Cabinet



LED Dance floor

Real-time Interactive with Multi-point touch

Built-in interactive system and unlimited by interaction points ; Super sensitive and responsive, only 0.02s delay in interactive effect, delivering strong visual impact, providing audience a truly amazing and unforgettable experience and greatly improving their engagement



20ms

Response time

128/m²

Touch Points

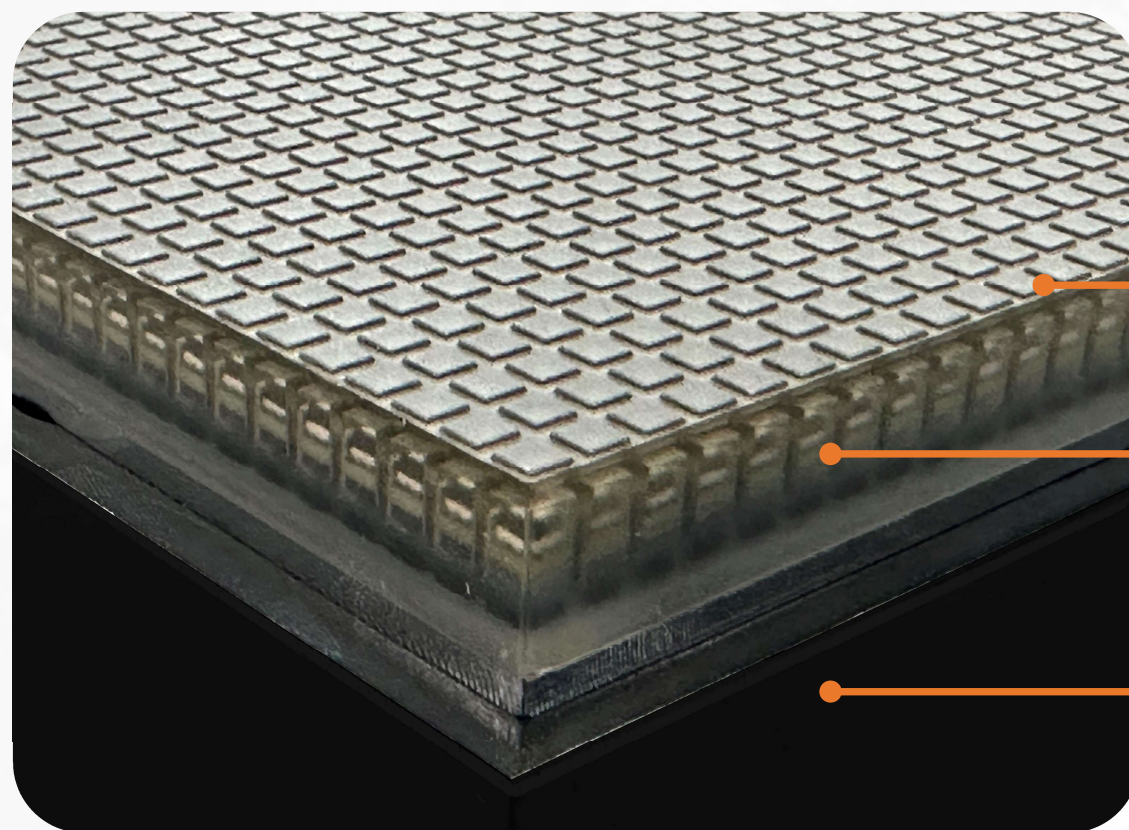
Super load-bearing performance

Featured with the reinforcement for whole back to distribute the force on the surface, working with galvanized floor support, its loading capacity is over 3T/sqm, can support walking and jumping crowds which makes it an ideal solution for stage shows, museums, venues, etc.



Anti-slip

A+ grade imported polymer PC raw material mask with customized anti-slip design,
adapting to different environments



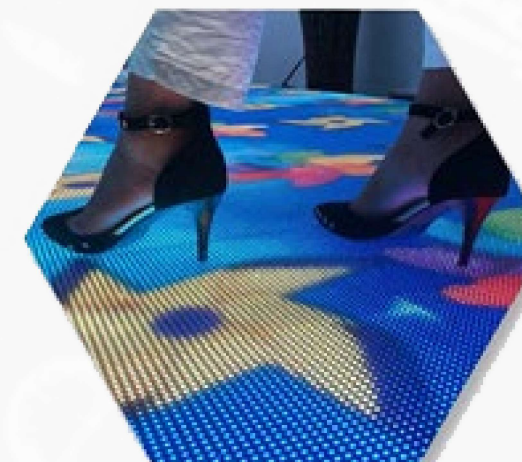
Anti-slip waterproof groove

PC load-bearing mask

LED tiles frame

Wear-resistant and flame-retardant

Adopted with A+ grade imported polymer PC raw material mask, super high wear resistance and flexibility, high temperature resistance, severe cold resistance and flame retardant



High Protection

The panel is completely sealed by mask and shell, also treated with waterproof rubber rings and three-proof glue even for each screw hole to ensure moisture-proof, waterproof, so it can be rated as IP68 protection against dust and water.

A dynamic splash of water is shown hitting a rectangular panel. The panel has a yellow and orange top half and a red bottom half. The water is captured mid-air, creating a large, curved splash that rises above the panel. The background is a light gray with faint, repeating circular patterns.

IP68

High Brightness

With high brightness LEDs,
the brightness can reach
3500nits-4500nits, also high-
transmittance plate on the
surface of the module, make
sure the contents can be seen
clearly



High reliability with Nationstar LEDs



Nationstar LEDs

Excellent heat dissipation & super sound-off

Special heat dissipation device design, low noise, fast heat dissipation, guaranteeing the tiles work stable



Fan

Recommended installation Type



Foot stand support
installation



Structure support
installation



Installation of foot support



Installation of LED tile



Connection of data & power cable



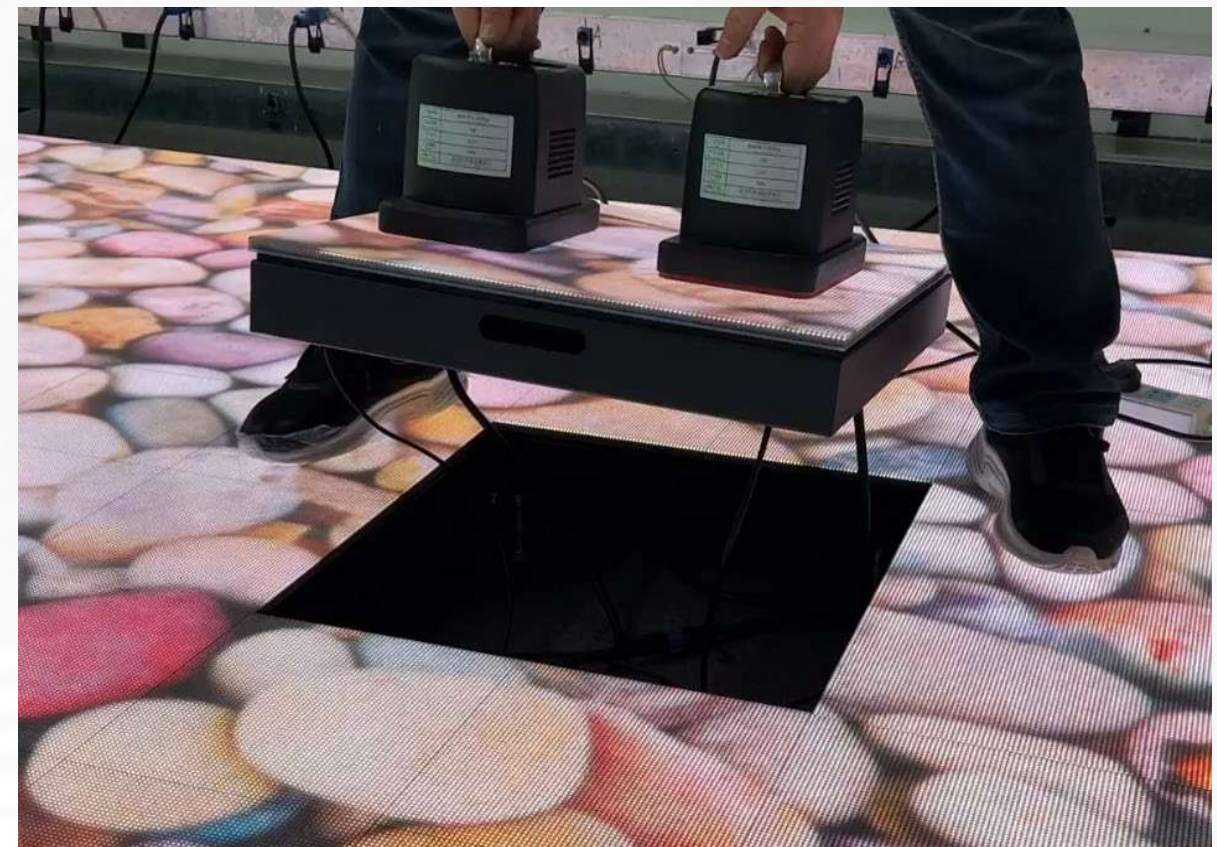
Finished

Quick Installation

Independent cabinet foot design offers a fast horizontal positioning and quick assembly.

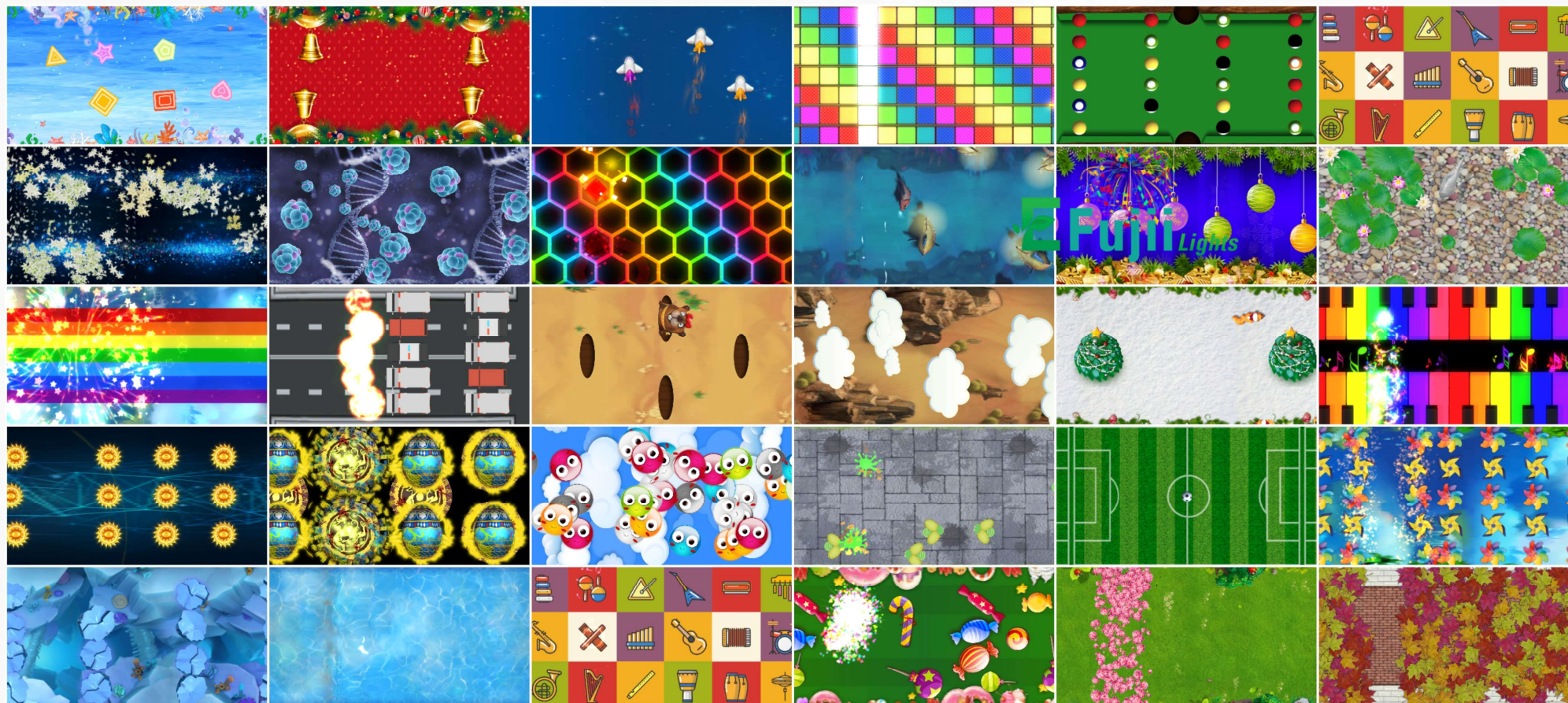
Front Maintenance

Easy maintenance and replacement with front service, No need professional technician and device, simple and user-friendly for customers.



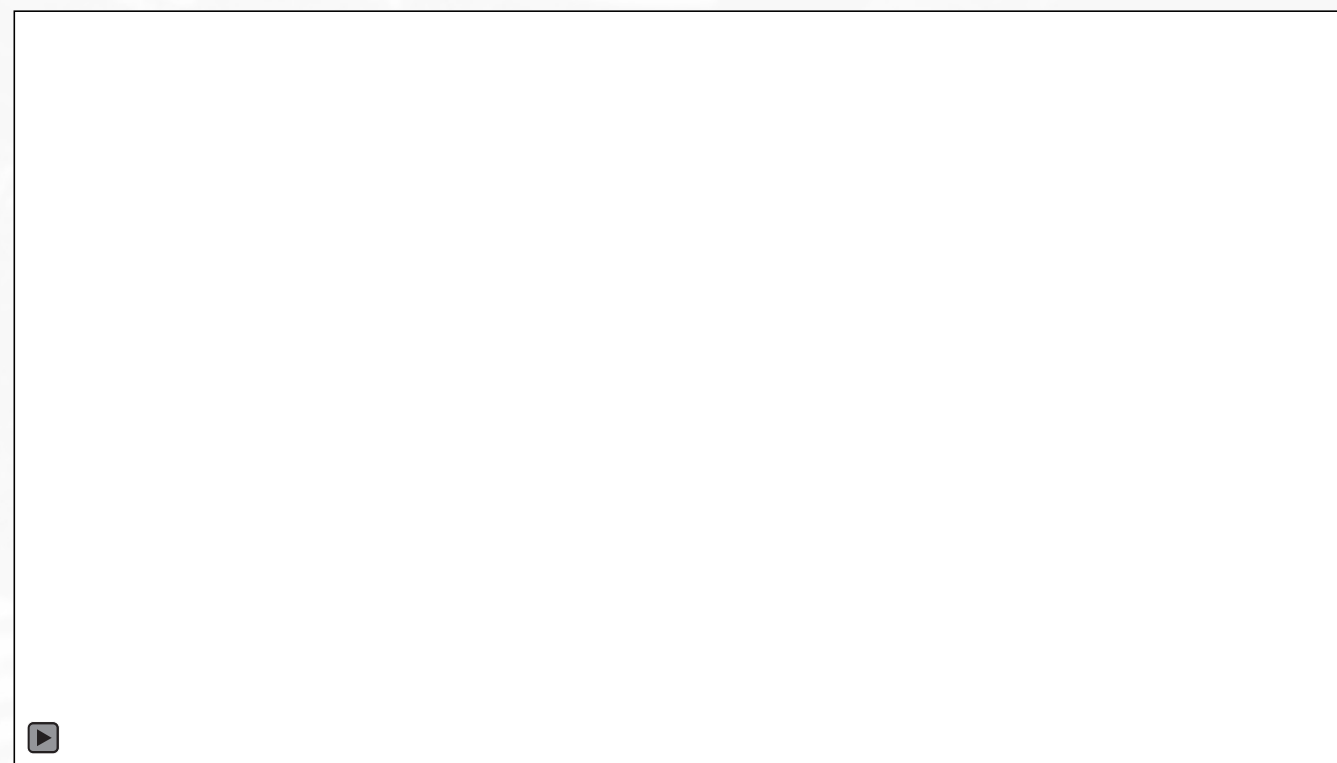
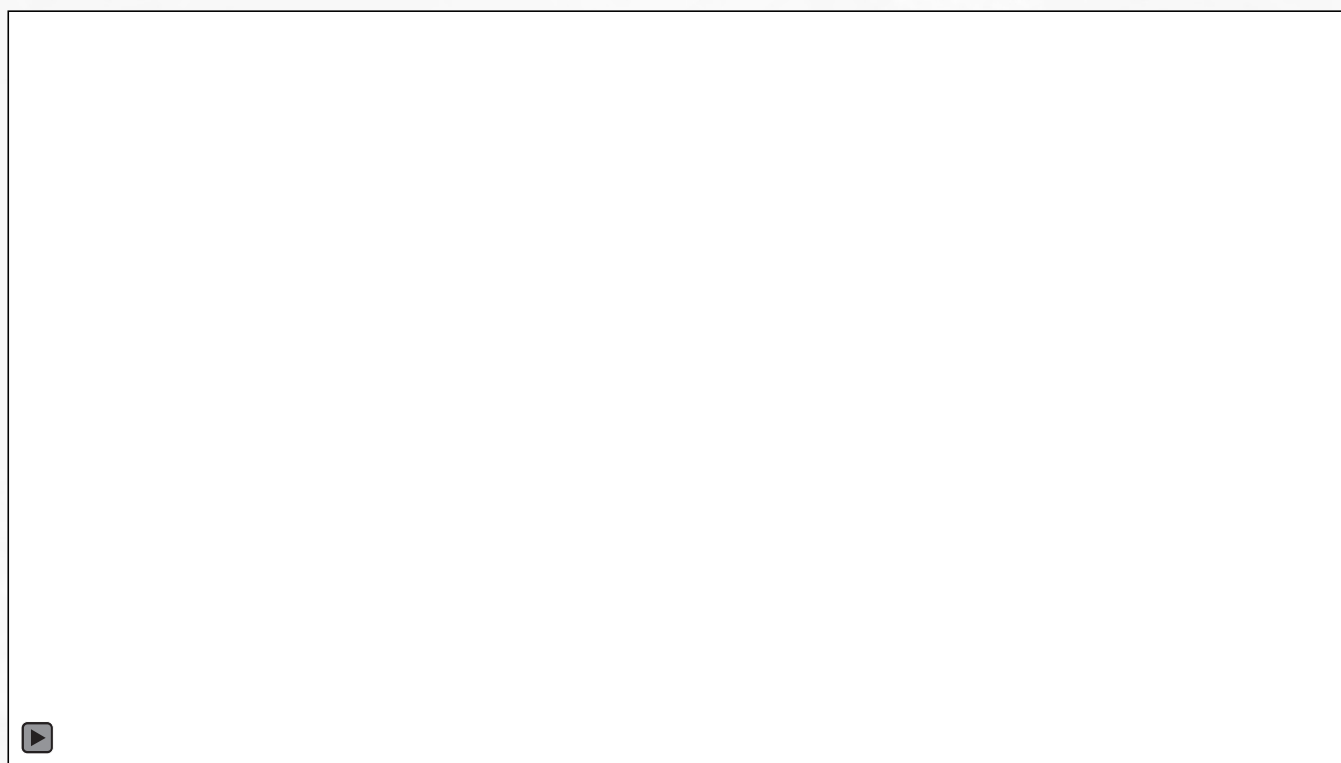
Flexible Interactive Contents

30 sets FREE interactive contents included , another 120 sets optional; we can do customized contents based on your request, even accept your own contents.

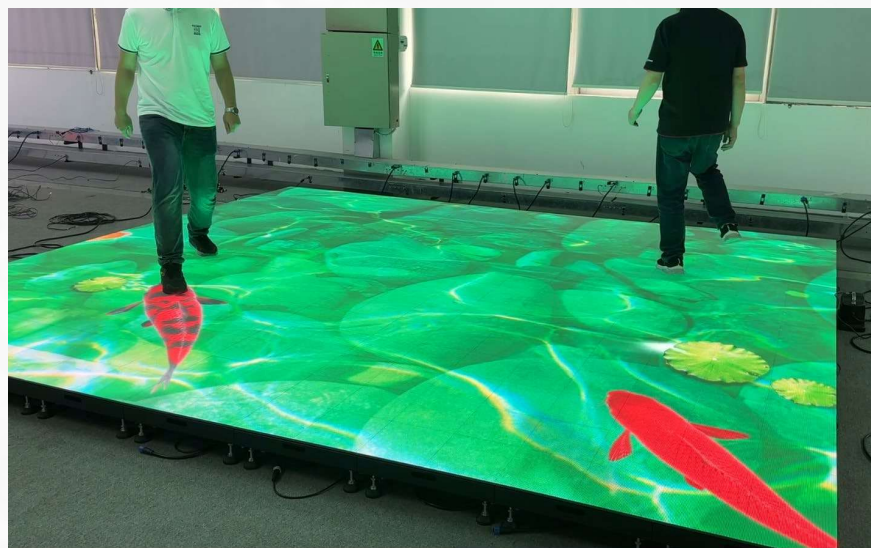
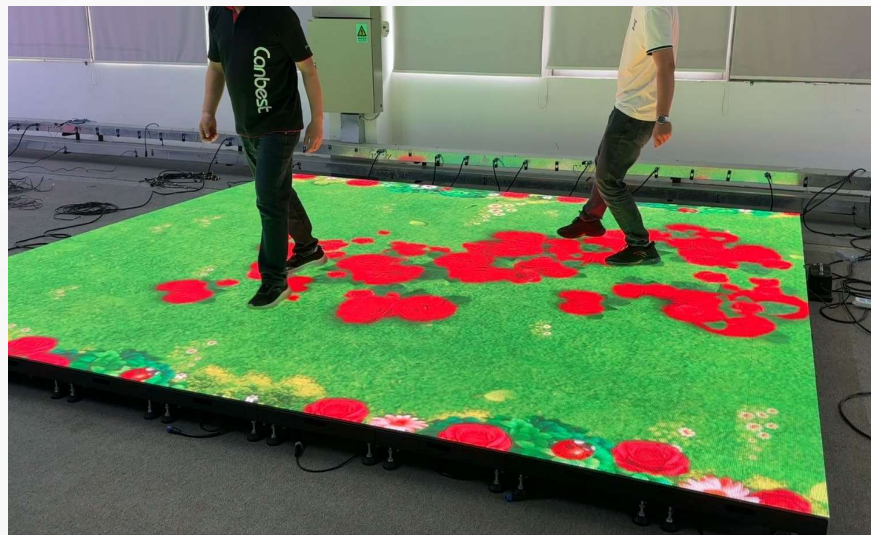


Easy-to-Use Programming

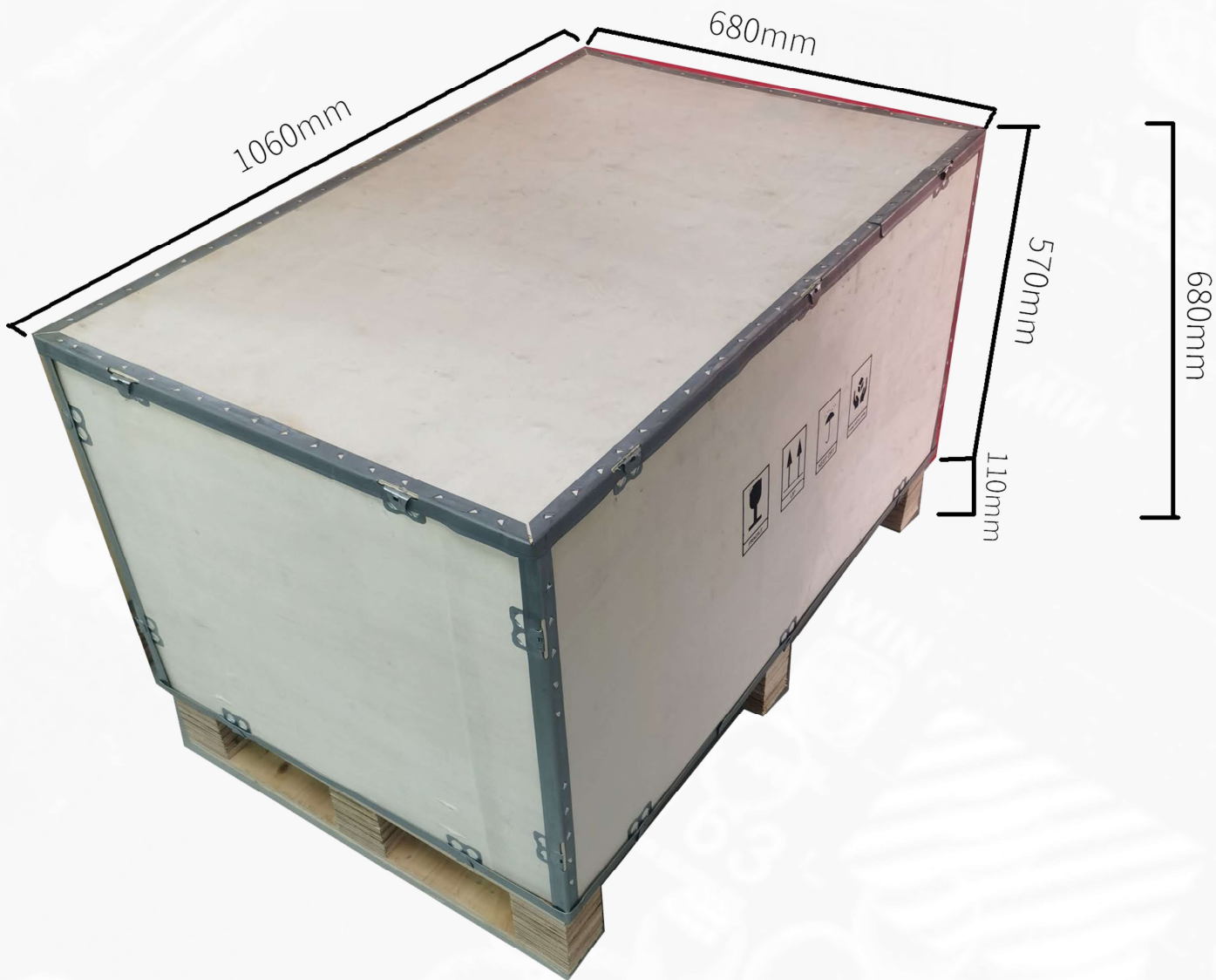
With the help of the built-in programs of this Interactive floor, you don't have to make too much effort in managing the programming of these dance floors. Hence, you can easily set the floors with built-in programs and get the fun started.



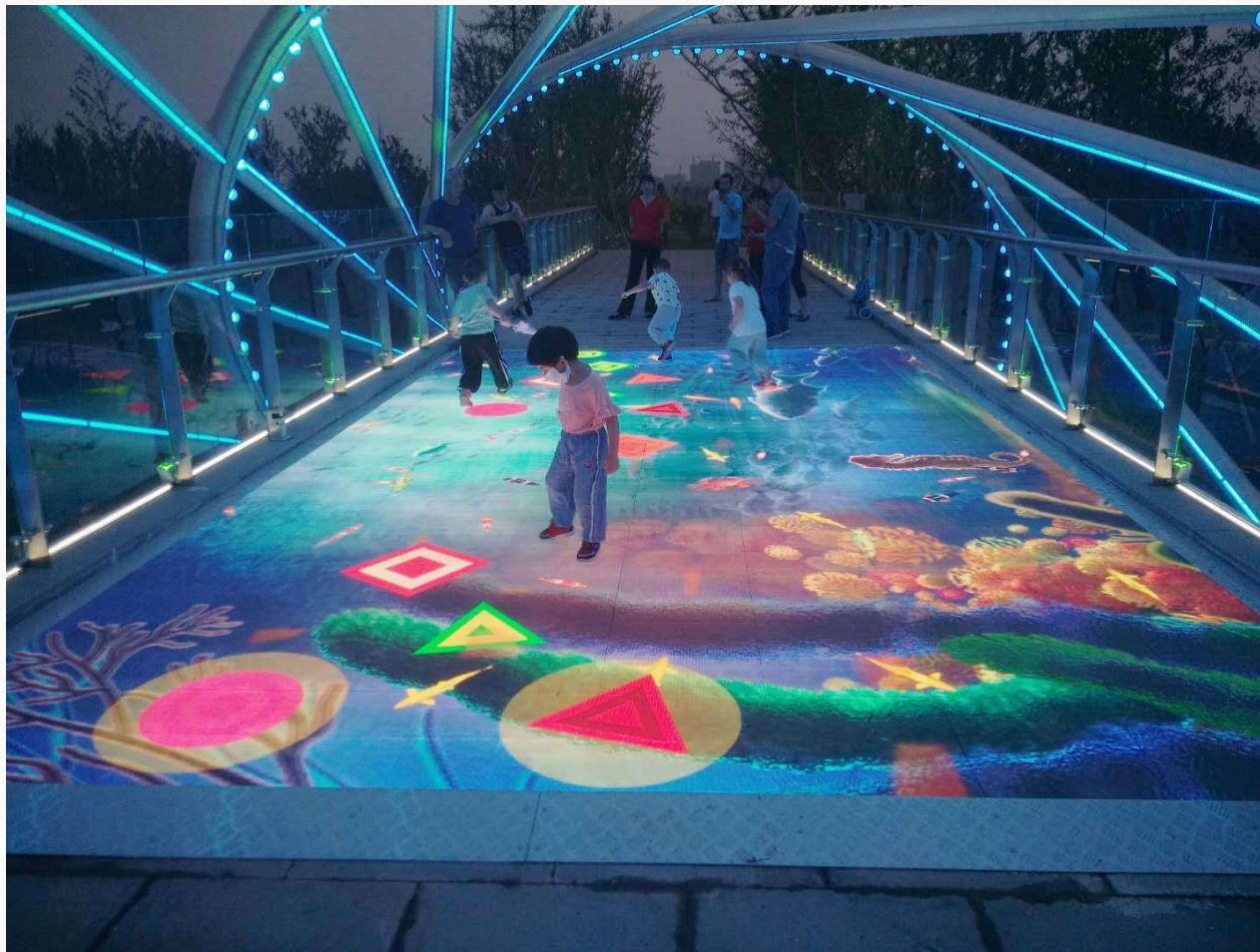
Ageing Test



Applications



Applications



Technical Parameter

Model	LDF390	LDF620
Pixel pitch	3.91mm	6.25mm
LED Density	65536pixels/m²	25600 pixels/m²
LED Configuration	SMD3in1	SMD3in1
Module dimensions	250*250*16mm	250*250*16mm
Module resolution	64*64	40*40
Cabinet resolution	168*168 168*336	80*80 80*160
Cabinet dimensions	500*500*68 500*1000*80	500*500*68 500*1000*80
Cabinet material	Iron	Iron
Cabinet weight	44kg/m²	44kg/m²
Brightness	3500-4000nits	4000-4500nits
Max power consumption	1200W/m2	1200W/m2
Ave.power consumption	600W/m2	600W/m2
Viewing angle	120°/120°	120°/120°
Driving mode	1/32	1/5
Refresh rate	3840	3840
Max loading bearing	3 tons /m²	1.5 tons /m²
Work temperature	-20 — 55℃	-20 — 55℃
Storage temperature	-30 — 60℃	-30 — 60℃
Protection level	Front IP68, Back IP67	

THANK YOU

Guangzhou Meyeter Technology Co. Ltd

