

Street Co flexible mesh screen E18

Product Introduction/Product Release



Catalog

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Company Profile

Street Co

Founded in 2009, it is a high-tech enterprise integrating professional design, R&D, production, sales and service for intelligent landscape lighting solutions.

Main product range

- > LED point light series
- > LED linear light series
- > LED wall washer light series
- > LED mesh screen series
- > LED spot light series

Its products are widely used in LED lighting applications such as intelligent landscape lighting, intelligent displays, and festive light shows.



Involved areas

 **智能景观照明**



 **节庆灯光秀**



 **智能显示**





Led point light

Advantages: RDM control application solution;
DC48V power supply technology solution



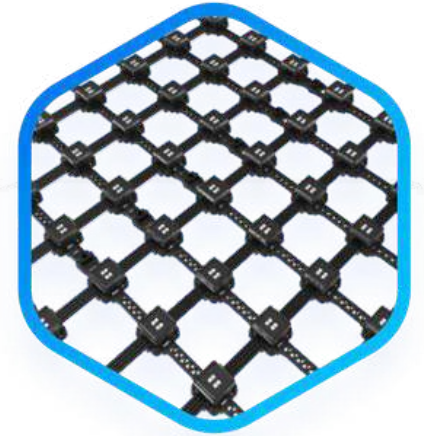
Led linear light

Advantages: The whole lamp has no dark area
design;
DC48V power supply technology solution



Led wall washer light

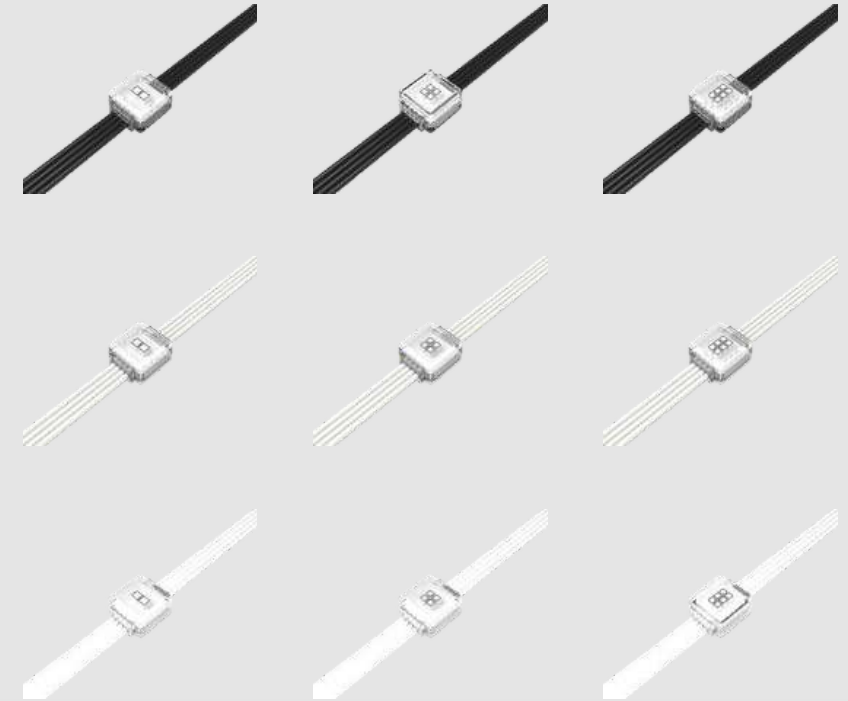
Advantages: Surfaceself-cleaningprocess;
RDM control application



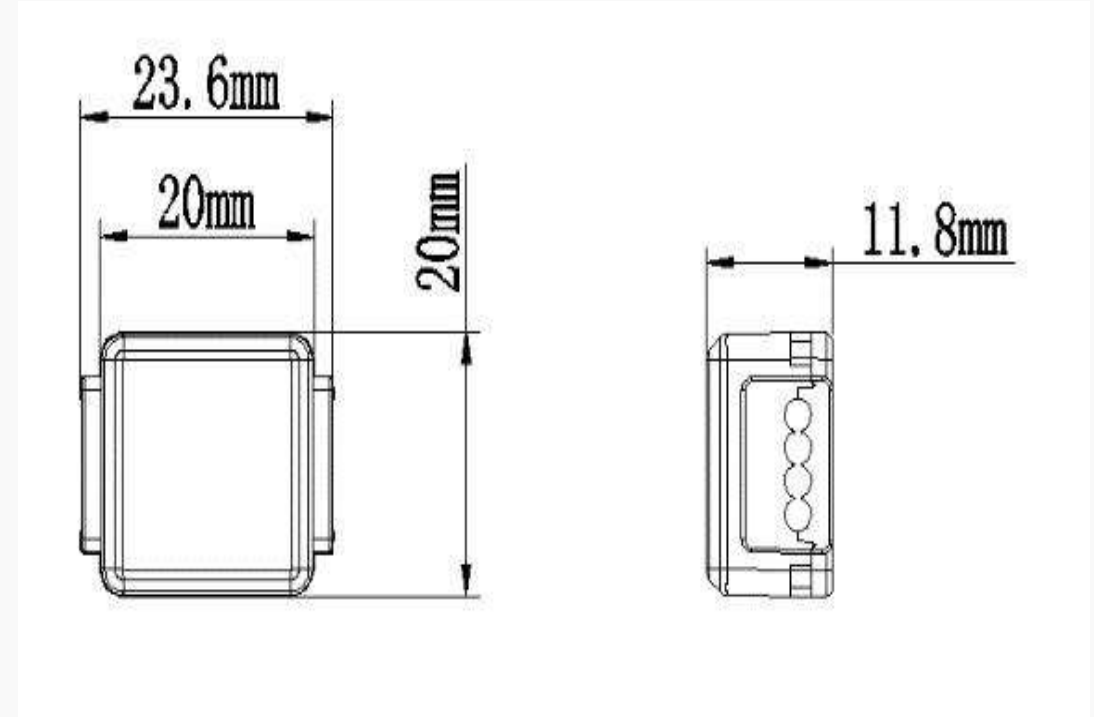
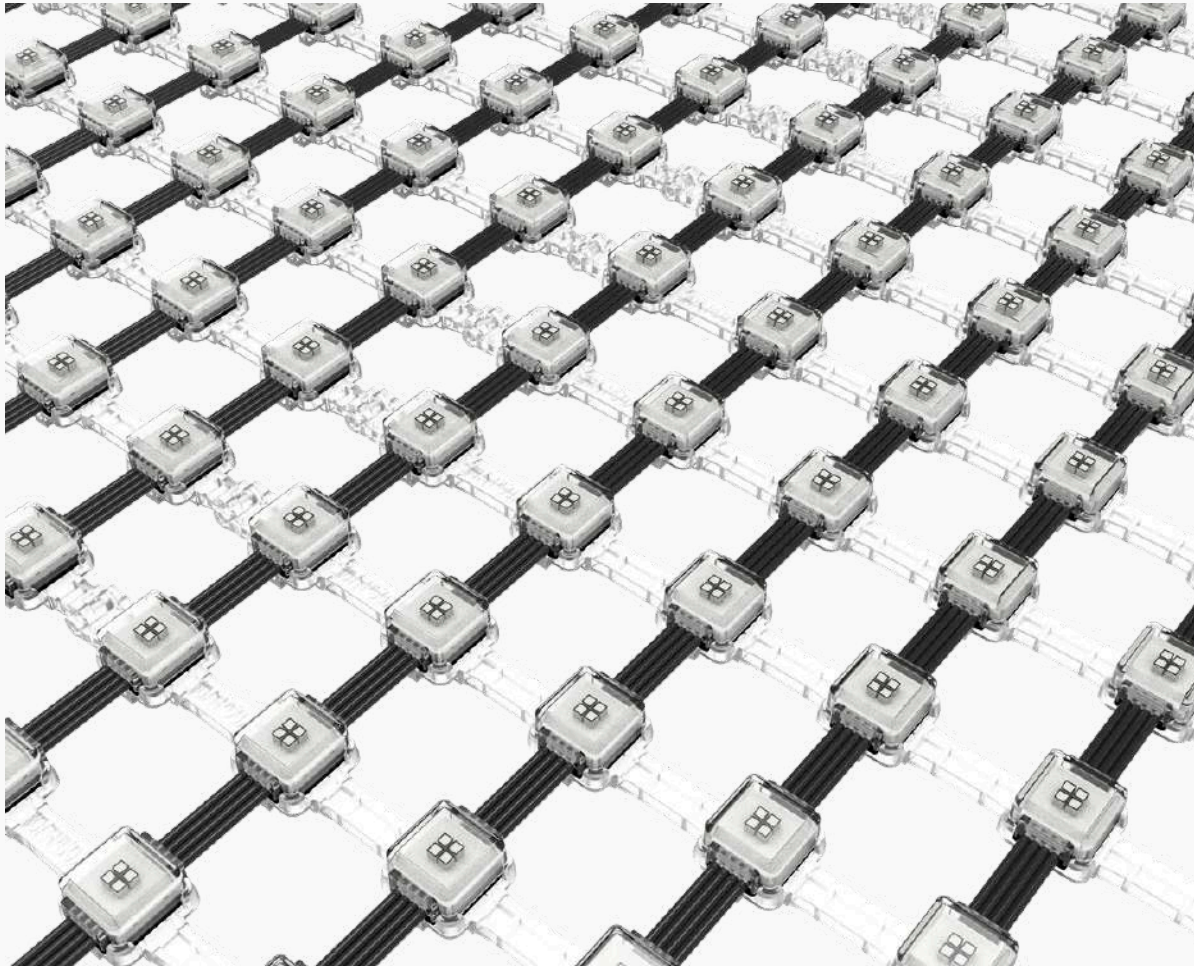
Led mesh screen

Advantages:Outdoor small pitch;
Telecom centralized control technology solutions

Led mesh screen is a grid-shaped display screen that has the characteristics of a point light source and the effect of a display screen. Its main advantages are: high protection level, suitable for various outdoor environments; high transmittance, can be used on outdoor building curtain walls without affecting the appearance of the curtain walls; the screen body is made of flexible material and can be used in various uneven installation environments and shapes; and the grid screen is spliced with unit blocks, with the advantages of fast construction, fast installation, and cuttability.



Product Introduction (Product picture & Size)



Product Introduction (Parameters)



Specification	Rated Power	Rated voltage	Control modes	Gray level	Led numbers	Beam angle	Appliance level	IP level	Flame retardant level	Outer color	Work Temp	Storage Temp
RGB (2leds)	0.5W	DC12V	SPI	65536	3535*2	110°	class III	IP67	94-V0	Black/Gray white	-20 to 60	-40 to 75
RGB (4leds)	1W	DC24V	SPI	65536	2727*4	110°	class III	IP67	94-V0	Black/Gray white	-20 to 60	-40 to 75
RGB (6 led)	1.4W	DC24V	SPI	65536	2727*6	110°	class III	IP67	94-V0	Black/Gray white	-20 to 60	-40 to 75

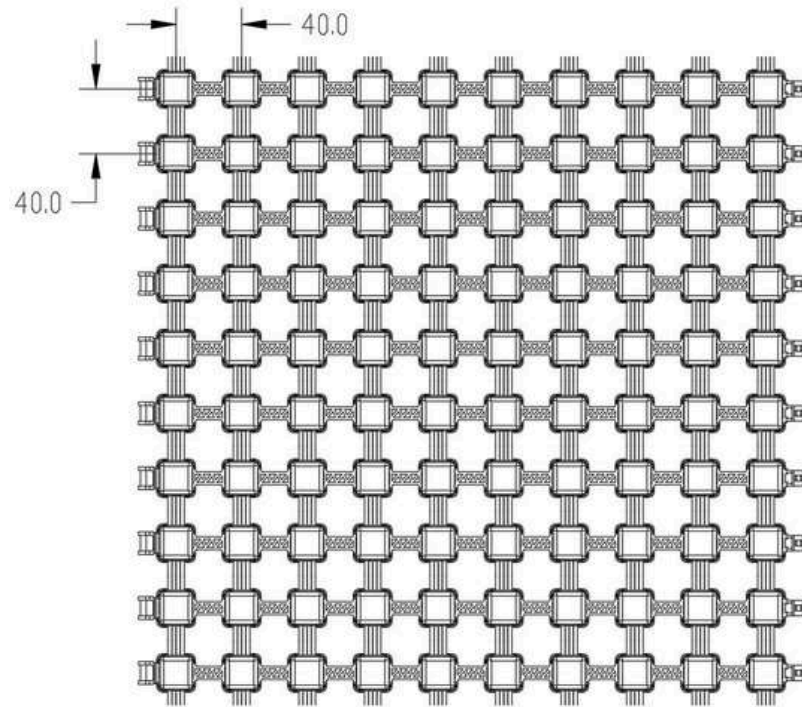
Regular brightness value

Pixel pitch	P31.25	P40	P50	P55	P62.5	P80	P100	P125	P150
Pixel dot/SQM	1024	625	400	331	256	156	100	64	44
Transmission rate	43.8%	60.3%	70.6%	74.0%	78.0%	83.8%	87.6%	90.5%	92.3%
E18(2leds 12V)	3277	2000	1280	1058	819	500	320	205	142
E18(4leds 24V)	6554	4000	2560	2116	1638	1000	640	410	284
E18(6leds 24V)	9759	5956	3812	3150	2440	1489	953	610	424

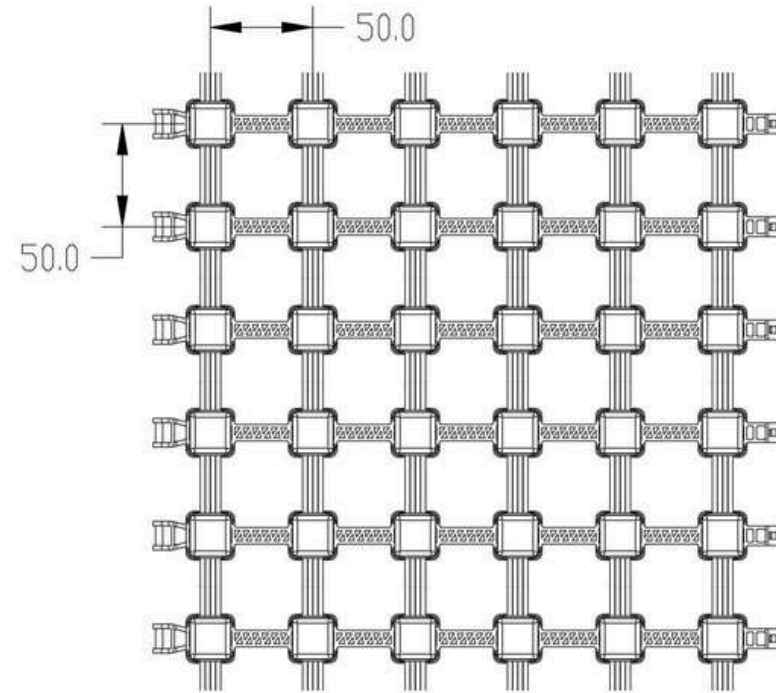
36V brightness value

Specification	P 31.25	P40	P50	P55	P62.5	P80	P100	P125	P150
RGB (1led 1.4W 36V)	15200	9300	6000	4850	3800	2320	1490	950	660

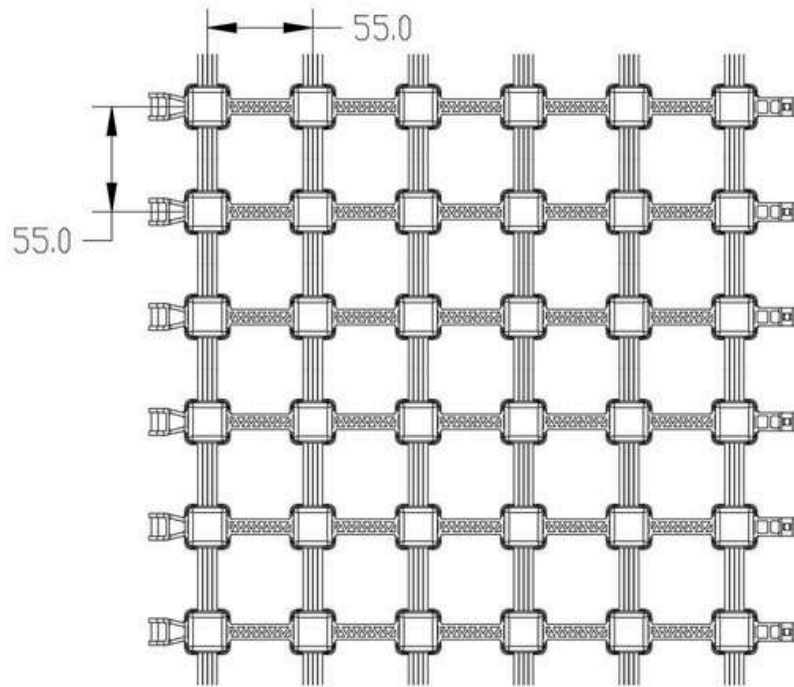
单位: nit



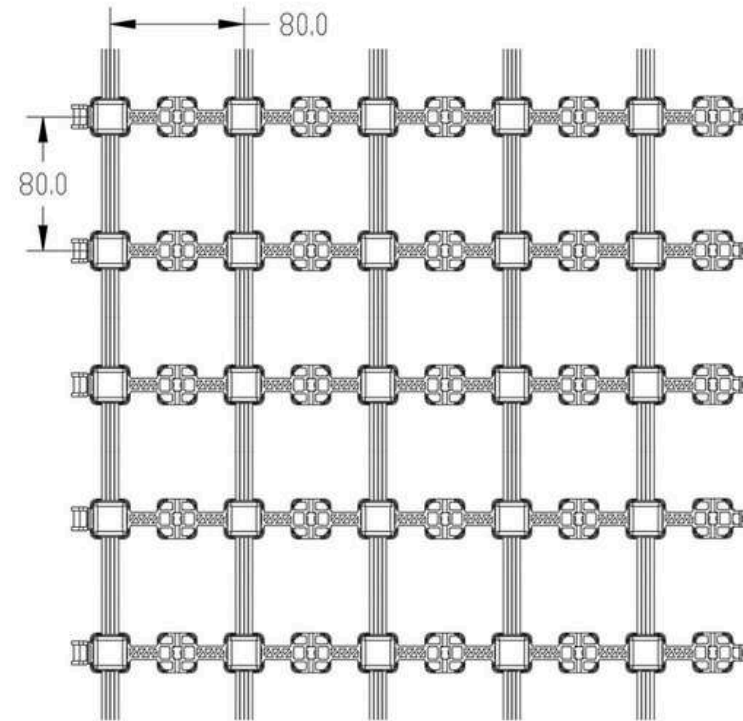
Pixel pitch : P40
Dot/sqm : 625dots/sqm
Transmission rate :
58%



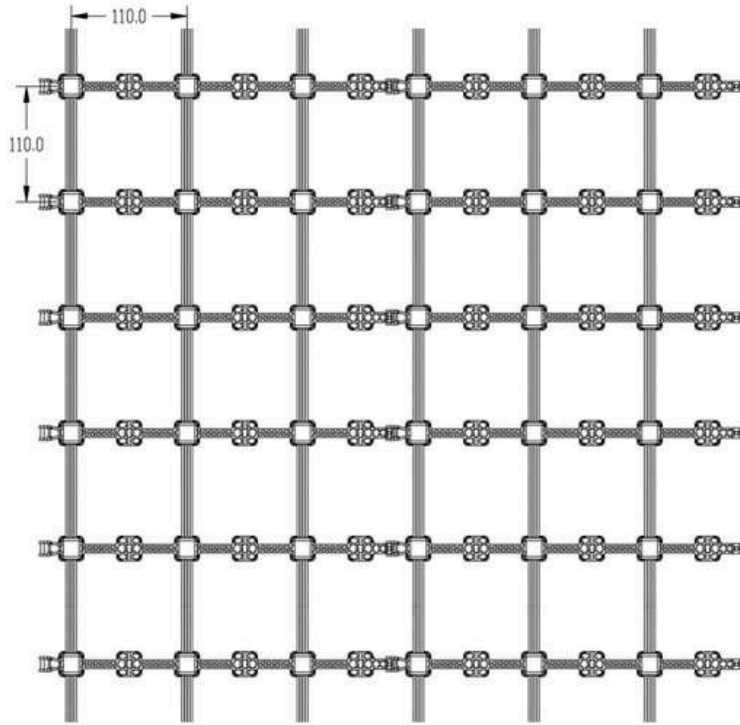
Pixel pitch : P50
Dot/sqm : 400dots/sqm
Transmission rate :
63%



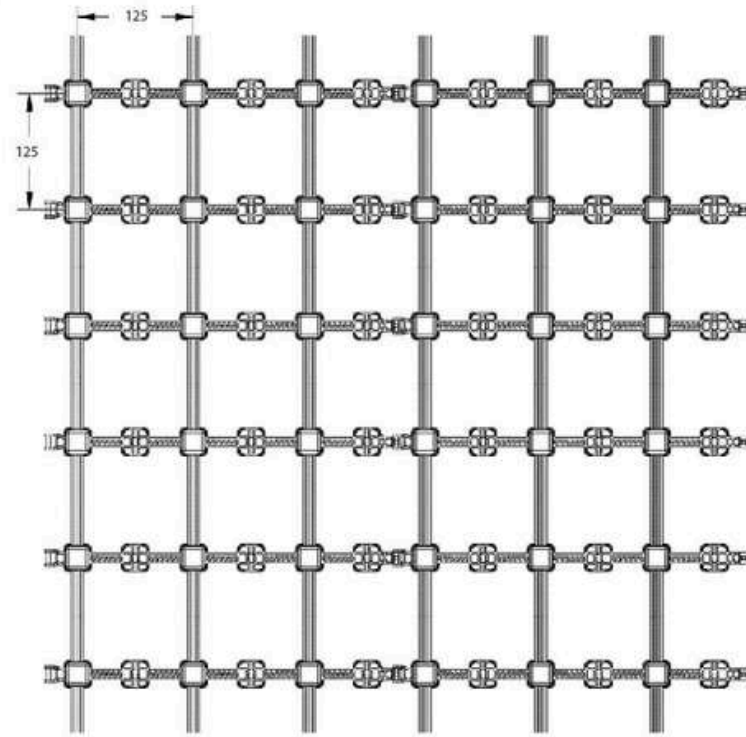
Pixel pitch : P55
Dot/sqm : 330dots/sqm
Transmission rate :
72%



Pixel pitch : P80
Dot/sqm : 156dots/sqm
Transmission rate :
78%



Pixel pitch: P100
Dot/sqm: 100dot/sqm
Transmission rate: 82%



Pixel pitch: P125
Dot/sqm: 64dot/sqm
Transmission rate: 86%



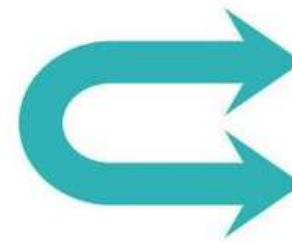
High grayscale: 65536 grayscale levels for each color, 8K refresh rate, support software to adjust RGB color ratio, adjust white balance, and achieve high-quality picture effects



High protection: Special sealant potting, protection level IP67, suitable for indoor and outdoor use, can be installed on curved or straight surfaces, suitable for various installation environments



High transparency: With good transparency, it does not block the light, is soft and flexible, and can be freely spliced, making the screen fit perfectly with the building.



Dual-channel signal: Dual-channel signal input with bad pixel retransmission function, supports automatic data correction, bad pixels do not affect signal transmission



Different shapes: The overall shape can be planned and customized according to the shape and size of the project



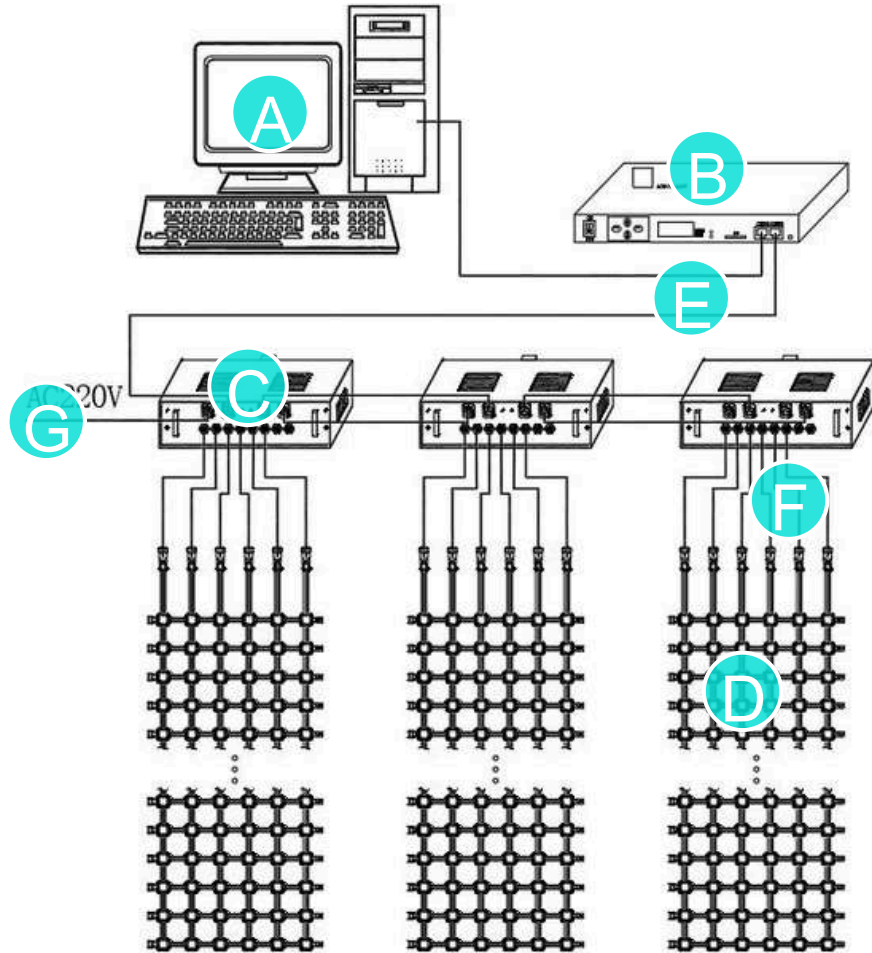
Energy saving and environmental protection: adopt low energy consumption LED technology, energy saving, environmental protection and long life



Multiple playback modes: supports multiple formats of pictures, videos and audio playback, which can be used for commercial promotion and display



Multi-scenario applications: Multi-scenario applications meet the needs and usage experience of different scenarios



Installing Components

- A** --- Computer: Online Play
- B** --- Master control: offline playback
- C** --- Sub-control box: receiving card and power supply
- D** --- Led mesh screen
- E** --- Network cable: cascade sub-control box
- F** --- Extension connector
- G** --- Mains power cable



SH-Master Controller: Connects the sub-controller to the computer and sends commands to the sub-controller box.



SH-CP series 16-port sub-controller: used to control lamps and receive instructions from the main control to control the lamps



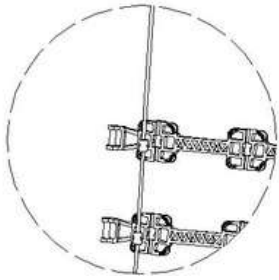
Y power tee: used to supplement power in the middle of the grid screen. Since the lamp is long, power supply at the head end will lead to insufficient power supply in the middle or the tail end, so it is necessary to supplement power from the middle.



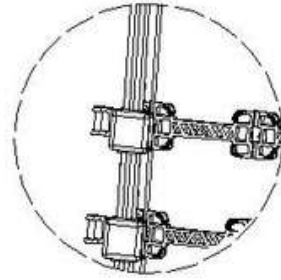
Male and female extension cables: used to connect lamps to lamps.



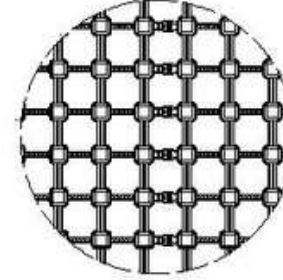
Anti-pulling network cable: 568B connection, used to connect sub-control, main control, computer, sub-control port to lamps, the network cable must have shielding function and above Cat-5E



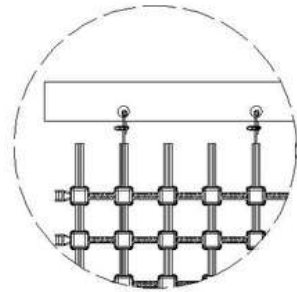
Step 1: Fix the wire rope to the clamp (finished in the factory);



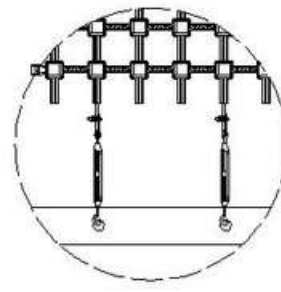
Step 2: Snap the light into the corresponding position of the card strip (finished in the factory)



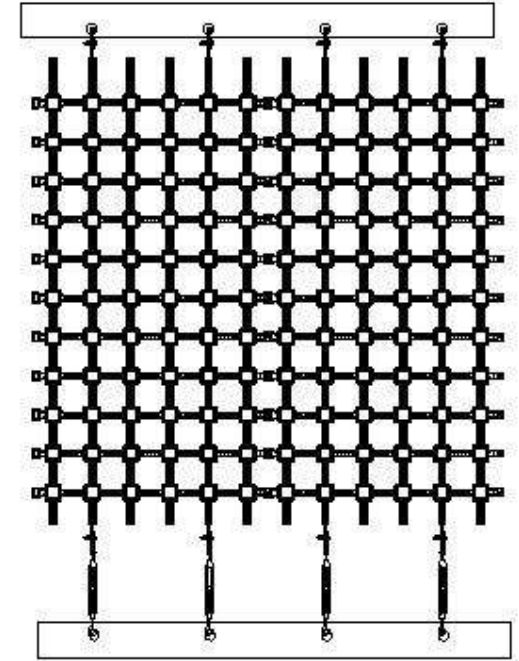
Step 3: Connect the card strips to each other;



Step 4: Use the U-shaped lock to fix the wire rope at the top of the grid screen;



Step 5: Use the U-shaped lock and tightener to fix and straighten the wire rope at the bottom of the mesh screen.



Installation Completion



Flexible

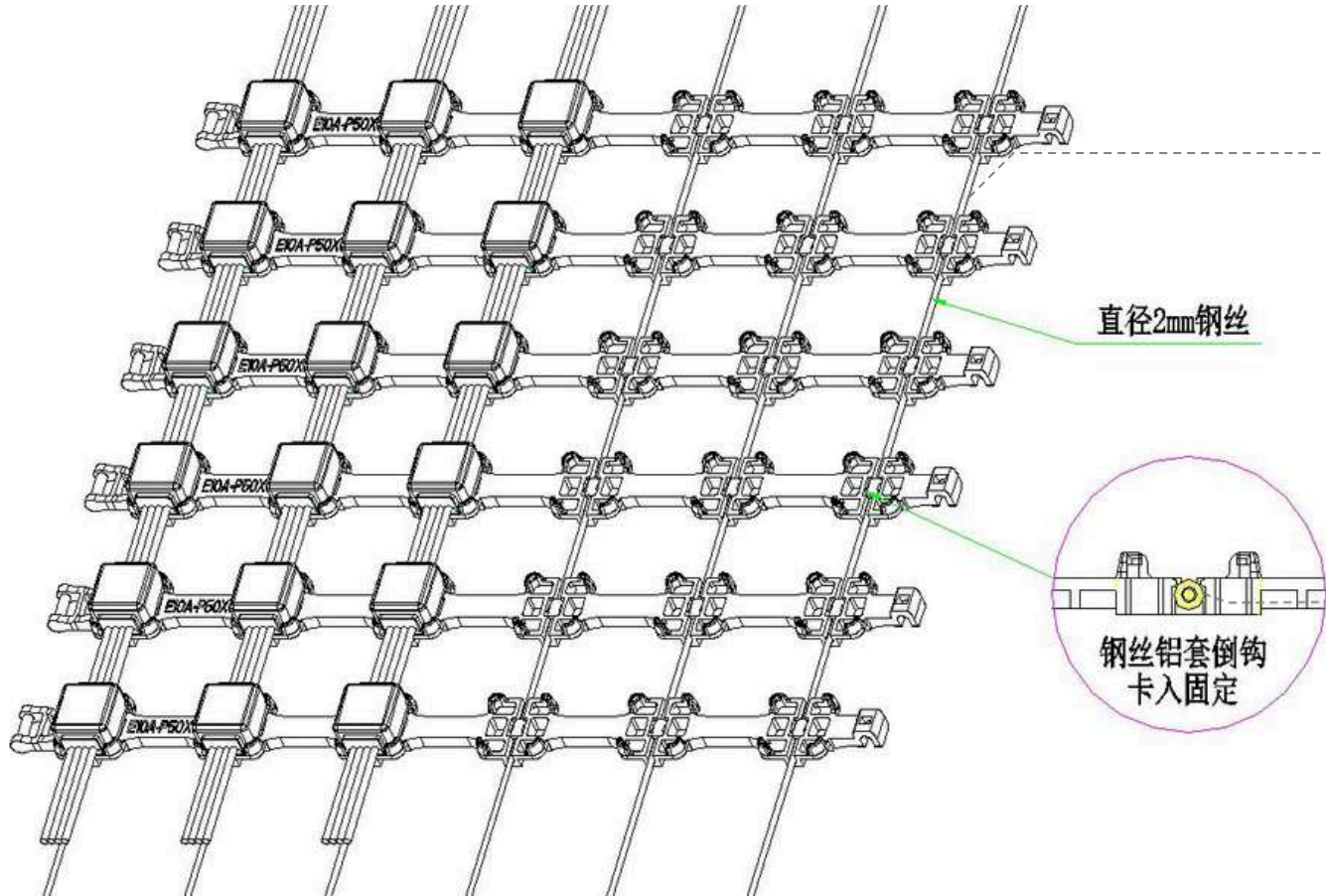
Screens can be arranged along the curved wall without affecting the original architectural style.

Can be cut

The screen can be cut into different shapes according to the actual shape of the building facade.

High transparency

Does not block the original curtain wall decoration of the building facade

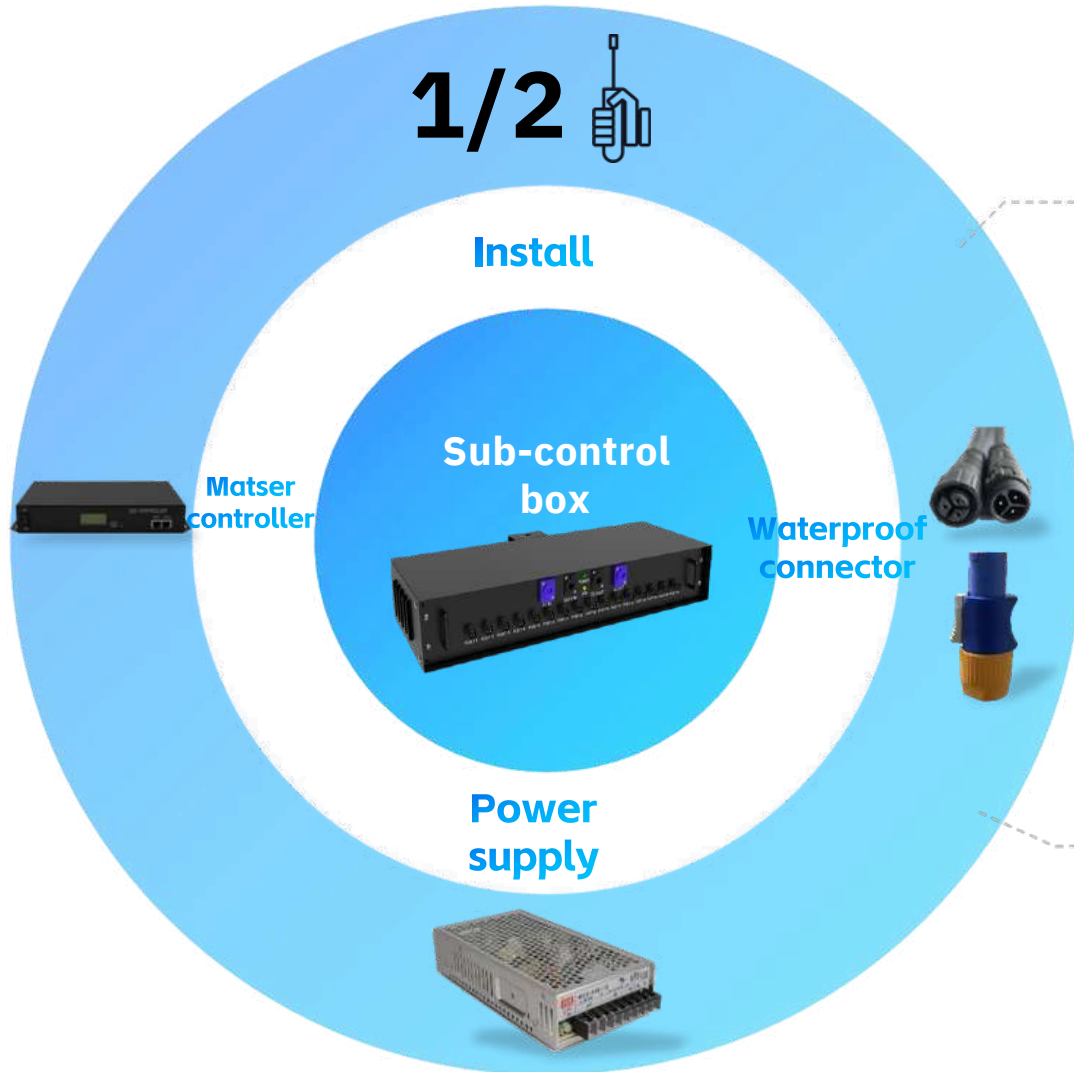


Strong load-bearing capacity

2mm steel wire, a single wire can bear a weight of 30-50 kg and has strong wind resistance.

Anti-pull fixing

The hook-shaped structure can well ensure the firmness of the clamping strip and the steel wire after the steel wire aluminum sleeve is inserted.



Integration

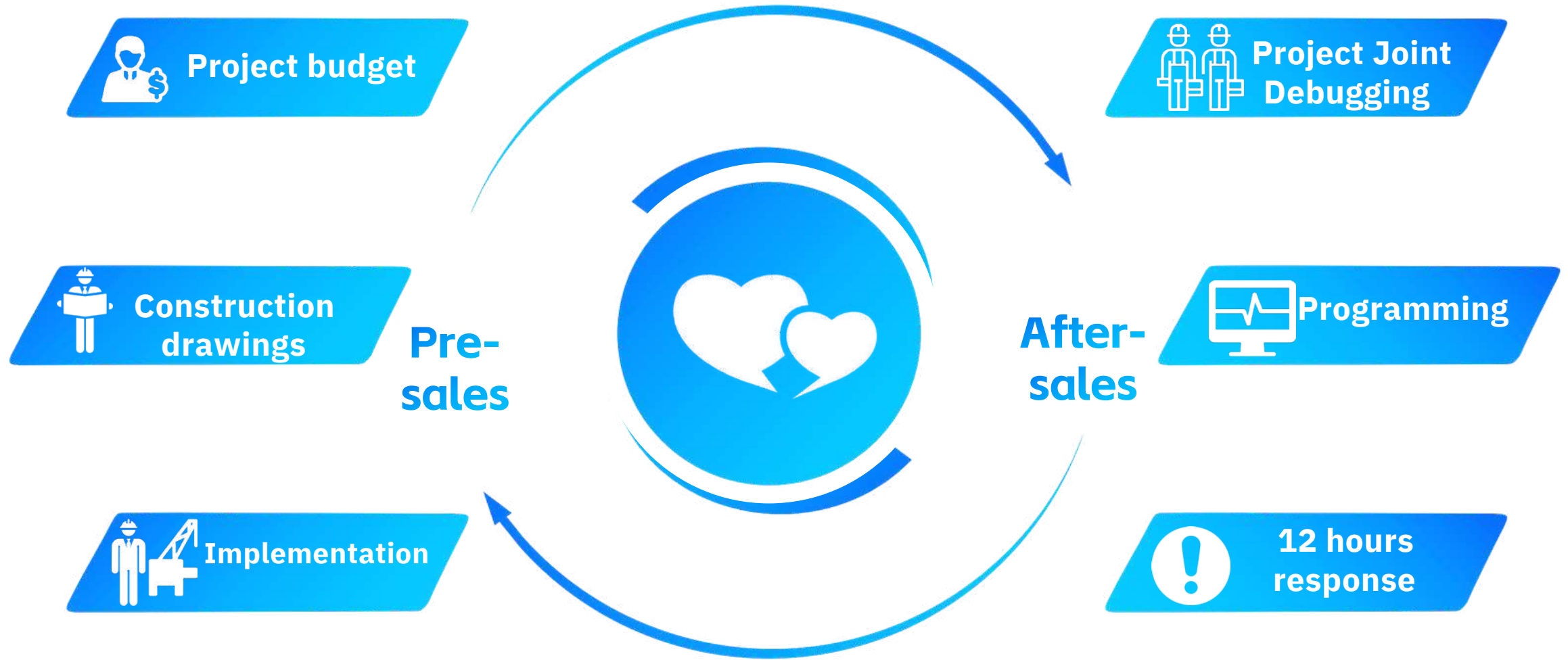
Integrated sub-controller and low-voltage power supply function to simplify construction

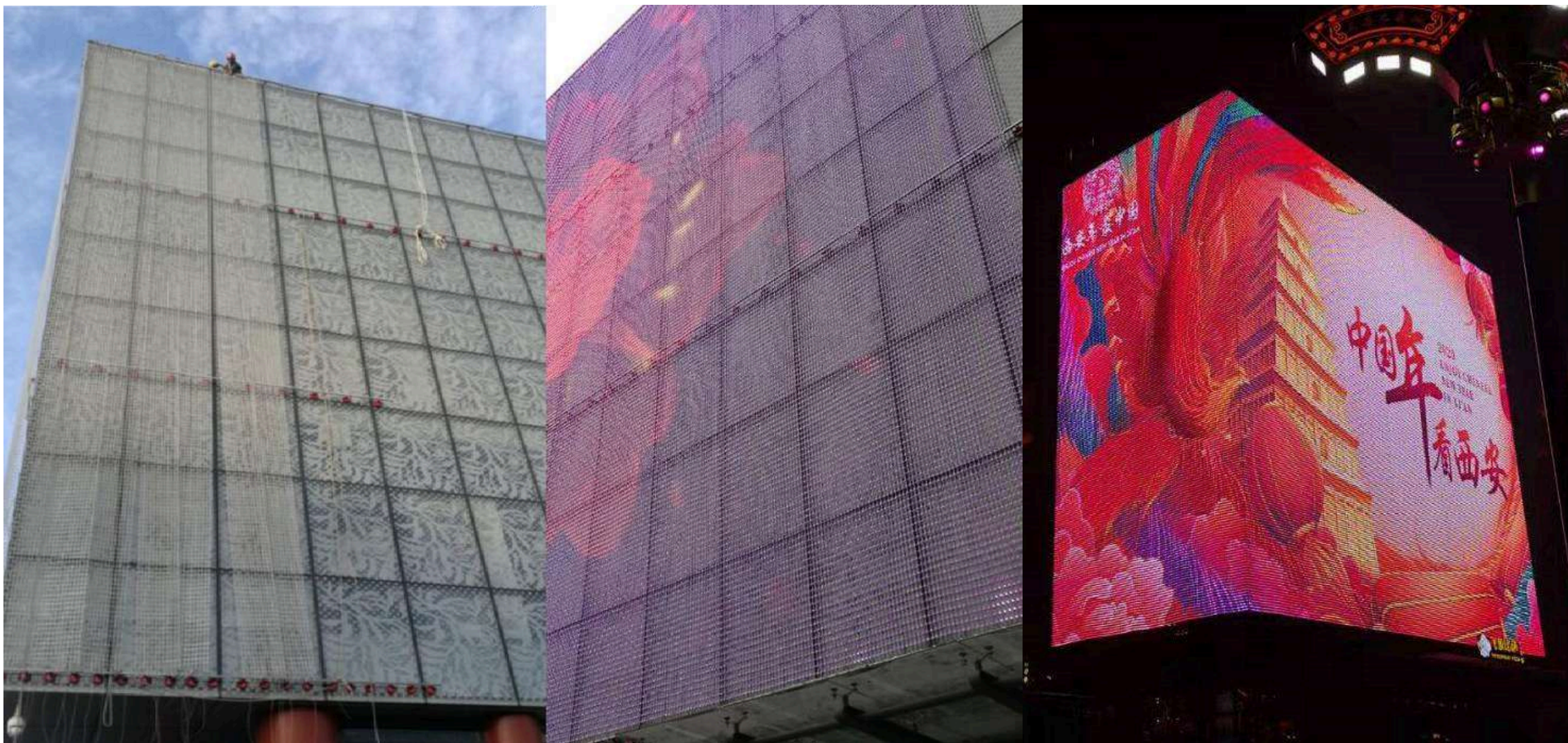
High protection

IP65 protection level, IP67 standard quick wiring plug

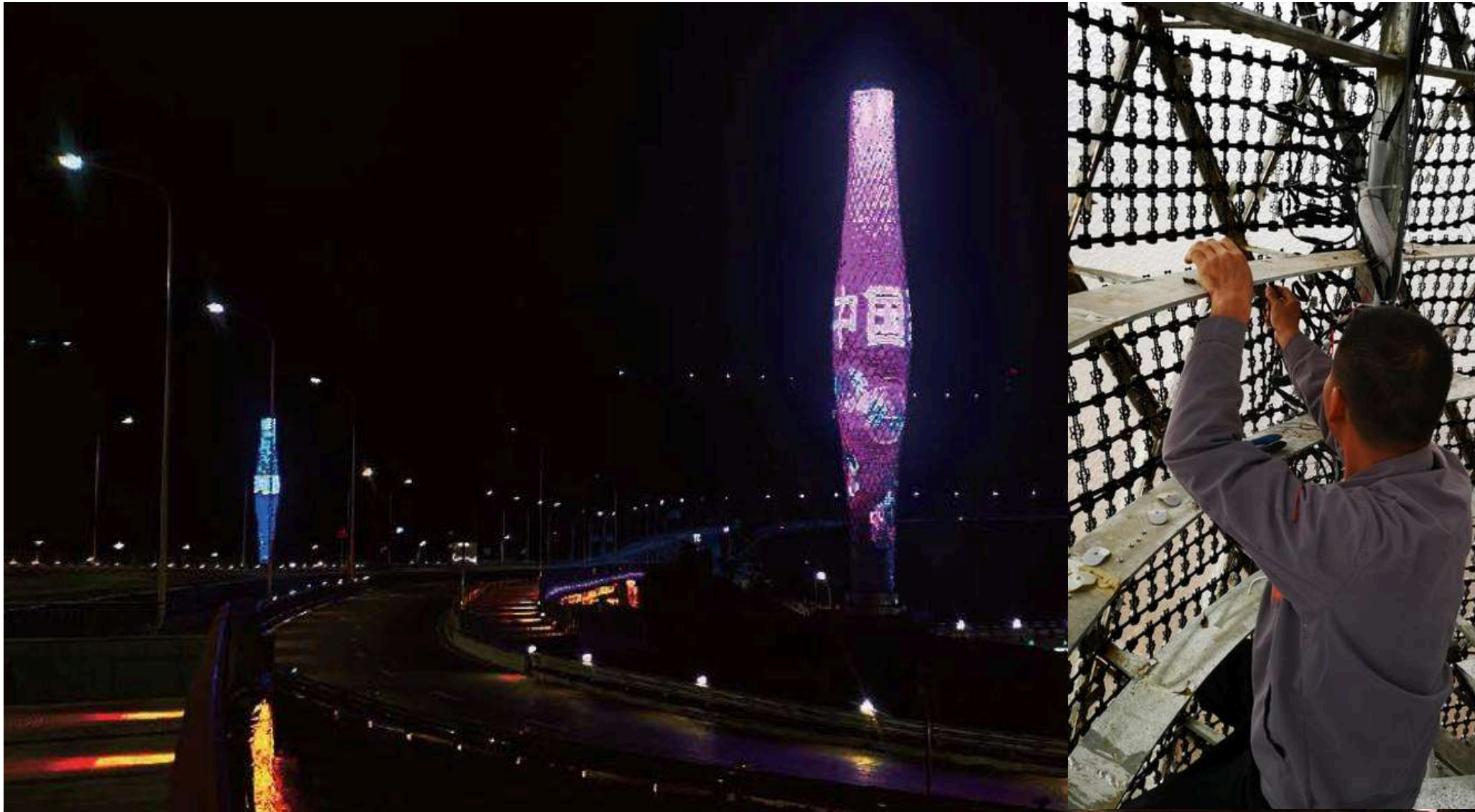
Easy installation

Wall mounting and ceiling mounting can meet different installation requirements.



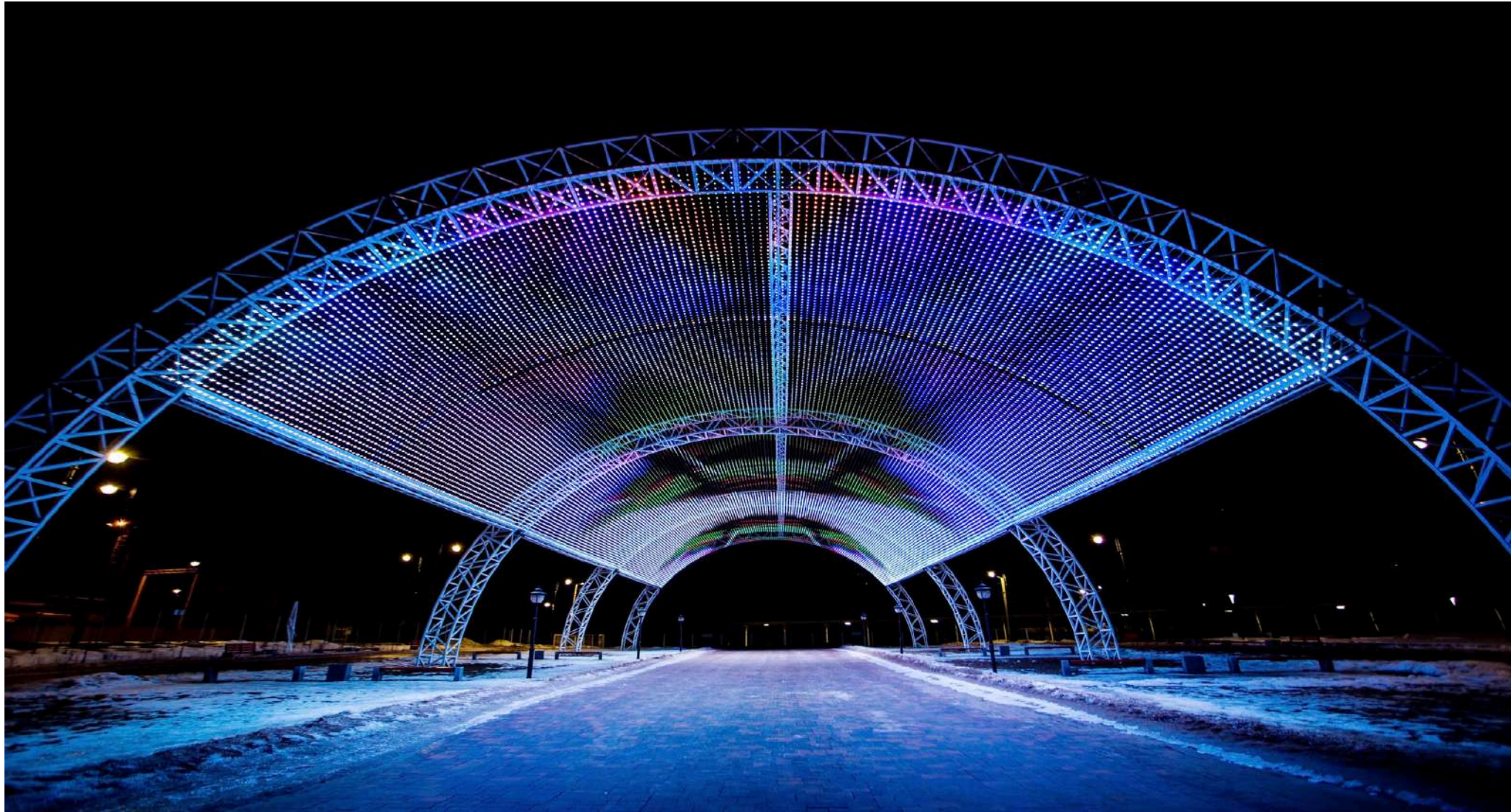


Product application scenarios (featured buildings)











Product application scenarios (light and water show-P50)



Product application scenarios (bridge lighting)



Thanks for watching

