# ST Series

Outdoor Strip Transparent LED Mesh Display

Strip Transparent LED Mesh is lightweight and thin, making it suitable for installation on building facades, windows, and other applications where maintaining permeability is important, while also reducing the load-bearing requirements of the building.
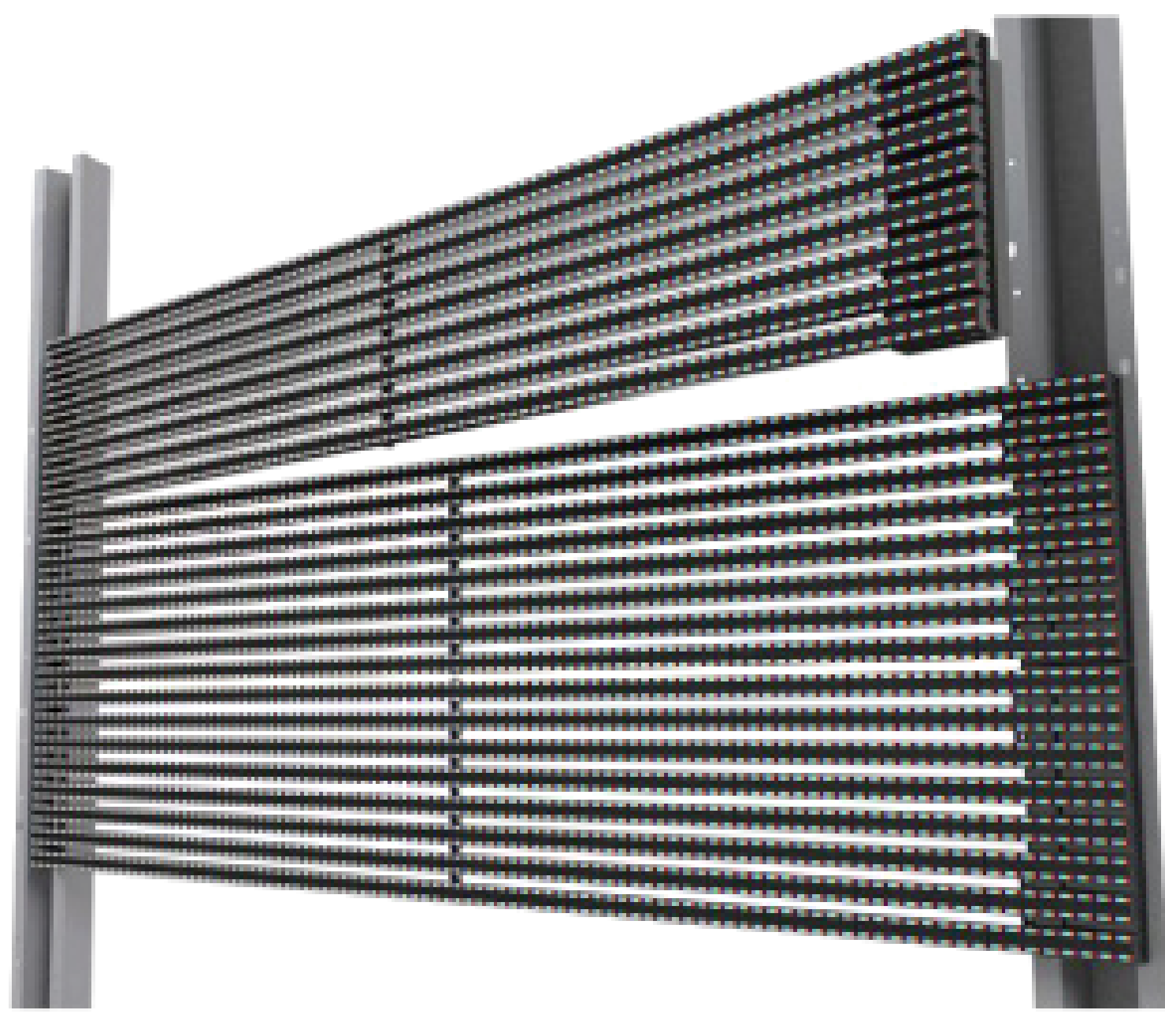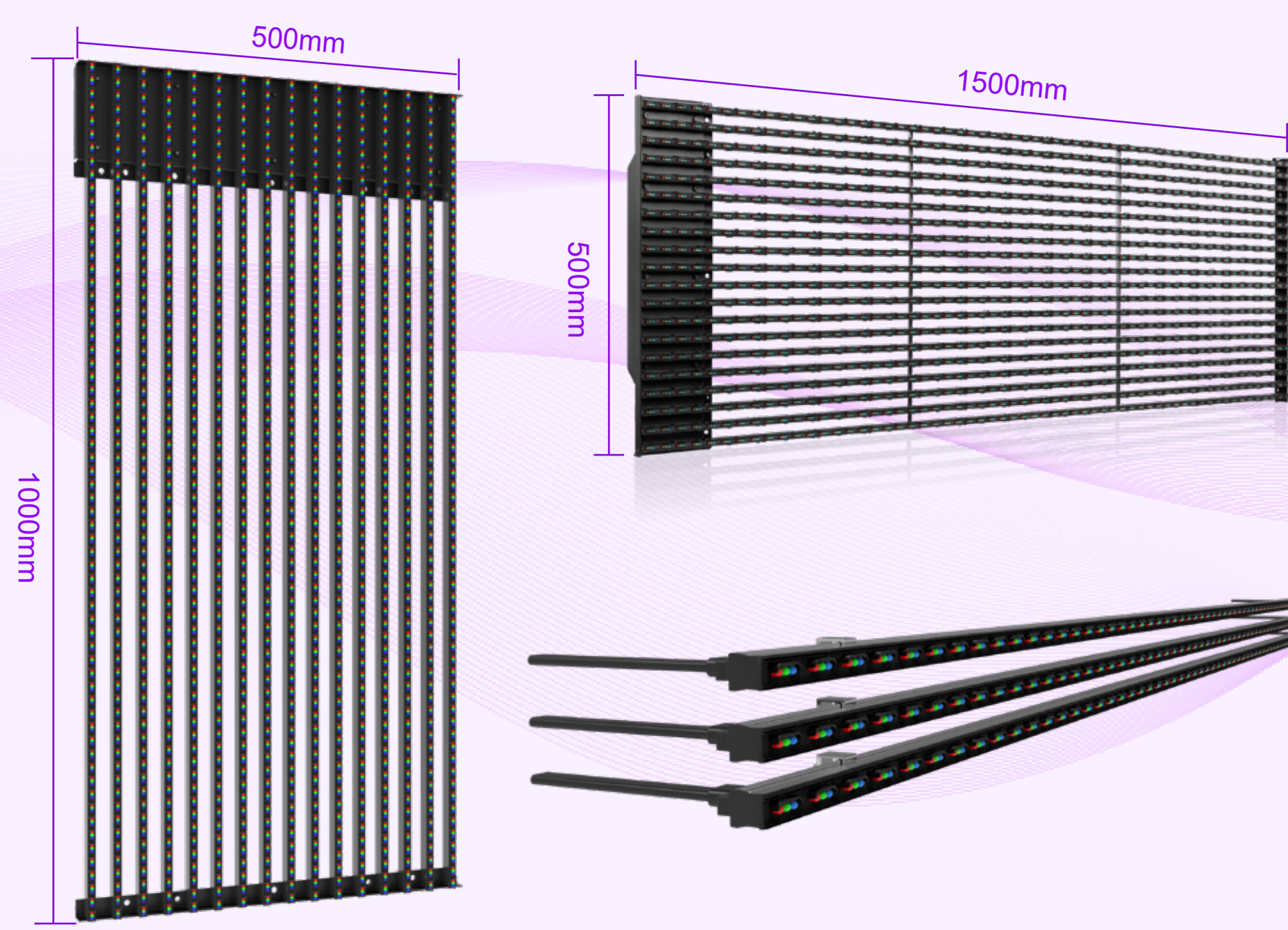
Brochure    Product Video    Installation Video    Contact

## Aluminum Material---Thin and Light

LEDFUL ST series cabinet material is aluminum, which is thin and light. It is suitable for installation on building facades or windows where maintaining permeability is important, reducing the structural load requirements.
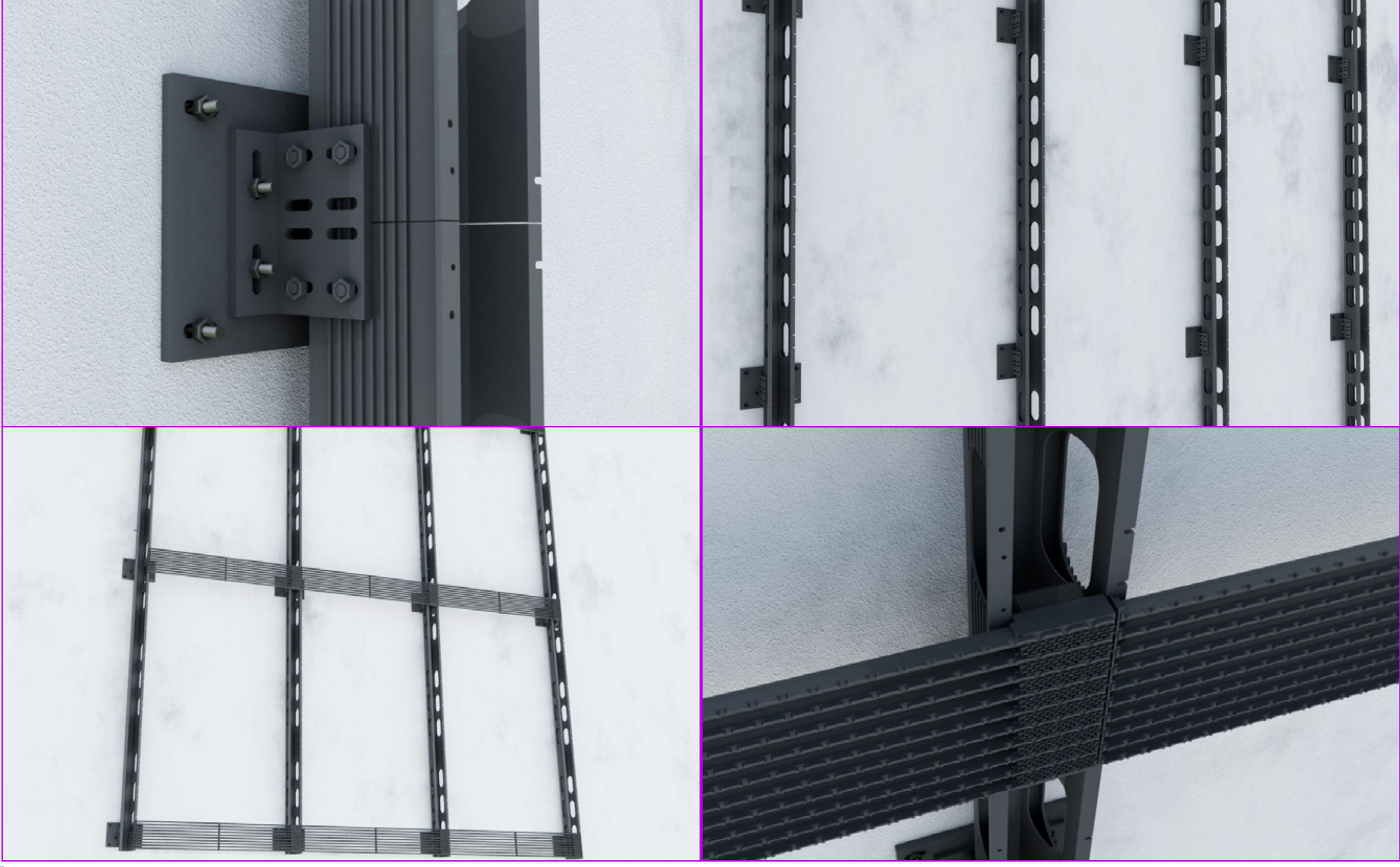
## Windproof and Waterproof Design

The ST series LED display screen is designed to be windproof and waterproof, allowing it to work normally in harsh weather conditions. It is suitable for a variety of outdoor applications. The screen's strip structure provides good wind permeability, effectively reducing wind resistance and enhancing the screen's overall wind resistance, making it particularly suitable for outdoor settings with strong winds.

## No Air Conditioner, No Structure, No Rear Space

ST series LED display is ideal for environments with high space and simplicity requirements.With strip design and light weight, there is no need complex structure,bulky cooling systems for installation. Strip transparent LED display can be installed on the building surface directly, optimizing the space.This approach ensures a cleaner, more efficient installation, reducing both installation and maintenance difficulty.

## High Transparency

Strip design brings LED screen high transparency, which is suitable for scenes such as glass curtain walls without affecting indoor lighting and sight lines, making it particularly suitable for advertising on the outside walls of large buildings.

## 90 Degree Design for 3D Screen

Transparent LED mesh with a 90-degree angle design brings a great 3D playing effect, providing an immersive and visually captivating experience.
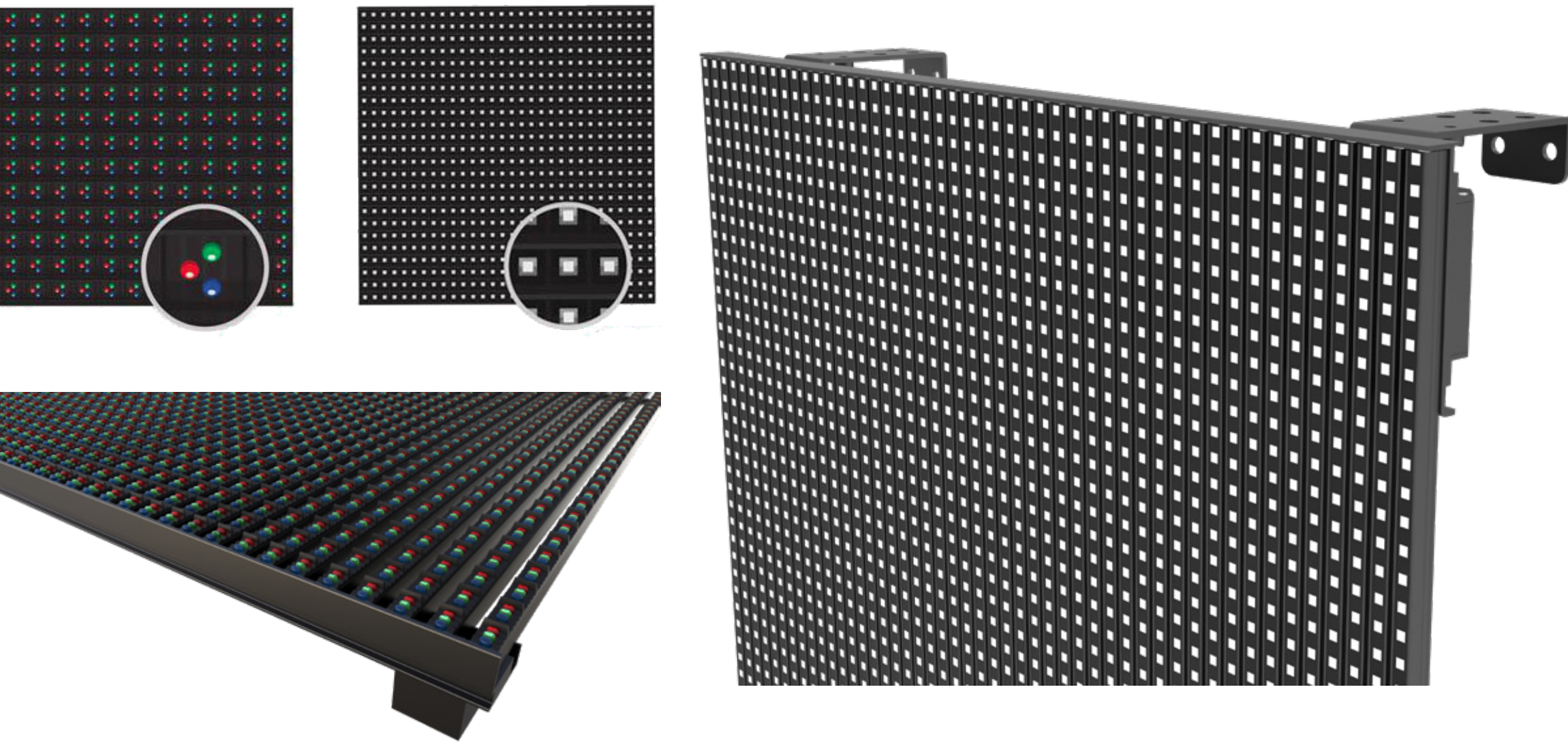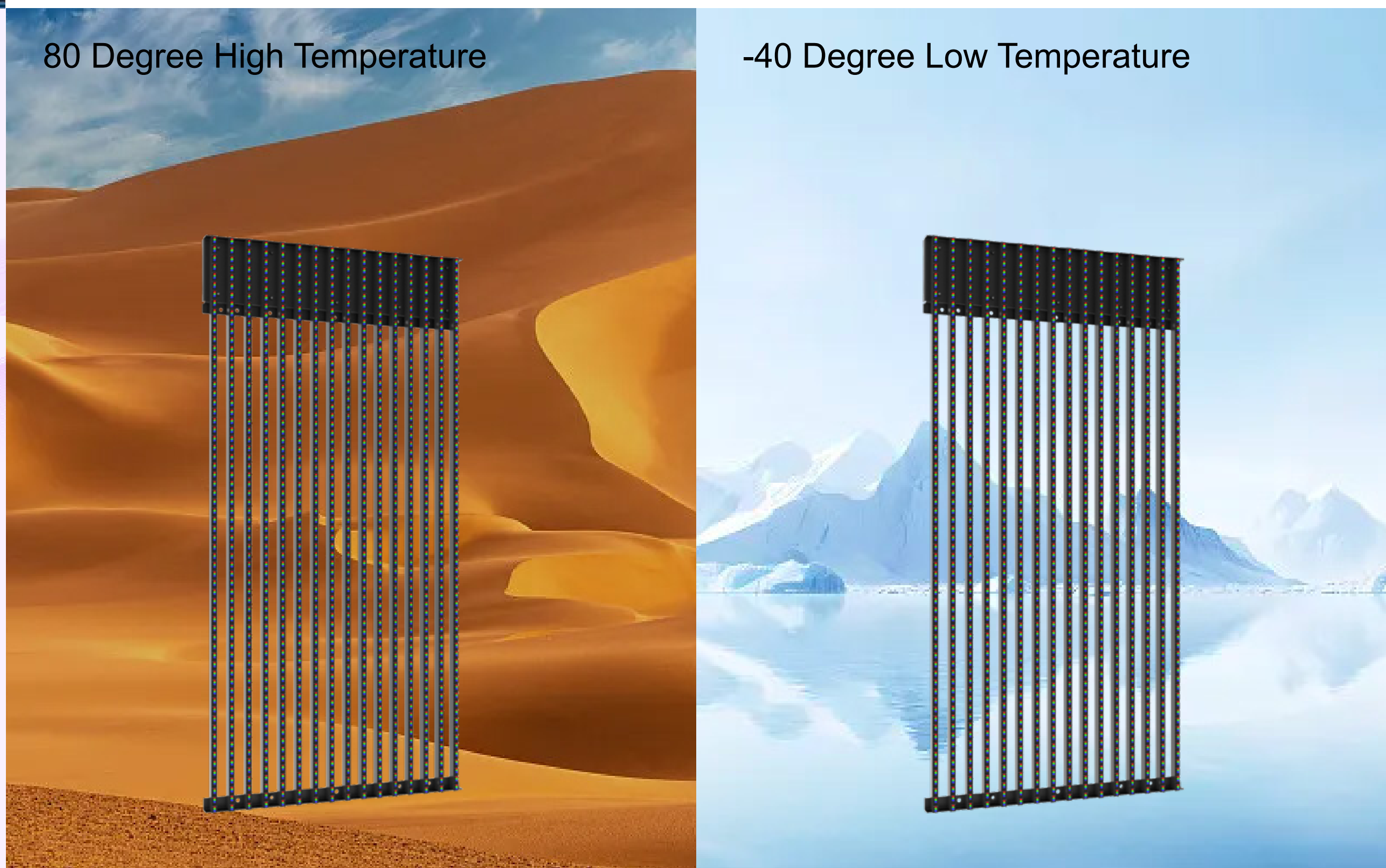
## 10,000nits High Brightness

With 10,000nits high brightness, screen can be clearly visible in bright light environment. Even in direct sunlight or outdoor bright light conditions, the screen content is still clearly visible without interference from ambient light, ensuring that the display is always bright and sharp. Also, High brightness enhances visual impact, which makes images and videos more vivid, with higher colour contrast, attracting viewers' attention and enhancing the visual impact of advertisements or displays.

## All Weather Resistance---IP67

80 Degree High Temperature     -40 Degree Low Temperature

The protection grade of strip LED mesh can arrive at IP67, totally anti-dust and waterproof. With an operational temperature range from -40°C to 80°C, the LED mesh is capable of withstanding extreme conditions. This makes it particularly suitable for use in regions with harsh climates, such as the freezing cold of Russia or the intense heat of the Middle East.

## DIP LED Mesh & SMD LED Mesh

DIP: Dual In-line Package. DIP technology can bring 10,000 high brightness, great transparency and good heat dissipation for LED mesh, with relatively large pixel pitch like 15mm, 15-31mm, 31mm.
SMD: Surface Mounted Device. SMD technology is more stable and has better resolution. For Strip LED mesh, it can make smaller pixel pitch, like 3.9-7.8mm, 10.4mm, 15mm. The brightness usually reaches 6,000nits.

## Parameters

| Model | P15 | P15-31 | P25 | P31 |
|---|---|---|---|---|
| Pixel Pitch(mm) | 15.625 | H15.625-V31.25 | 25 | 31.25 |
| Pixel Matrix Per Sq.m | 4,096 | 2,048 | 1,600 | 1,024 |
| Pixel Configuration | DIP346 | DIP346 | DIP346 | DIP346 |
| Brightness (cd/㎡) | 12000 | 7000 | 6000 | 7000 |
| Transparency rate | 30% | 70% | 70% | 60% |
| Cabinet Dimension | 500x1000x83mm | 500x1000x83mm | 500x1000x83mm | 500x1000x83mm |
| Cabinet Material | Aluminum | Aluminum | Aluminum | Aluminum |
| Power Con.(W/㎡) (Max / Avg) | 700W/200W | 700W/200W | 700W/200W | 700W/200W |
| Service Access | Front Or Back service | Front Or Back service | Front Or Back service | Front Or Back service |
| Refresh Rate (HZ) | ≥3840 | ≥3840 | ≥3840 | ≥3840 |
| Grey Scale (bit) | 16 | 16 | 16 | 16 |
| Viewing Angle | 140/140 | 140/140 | 140/140 | 140/140 |
| IP Rate | IP67 | IP67 | IP67 | IP67 |
| Operation Temperature | -40 ~ 60℃±10% | -40 ~ 60℃±10% | -40 ~ 60℃±10% | -40 ~ 60℃±10% |
| Input Voltage (AC) | 110V / 220V | 110V / 220V | 110V / 220V | 110V / 220V |

* Specifications and photos are subject to change without prior notice.