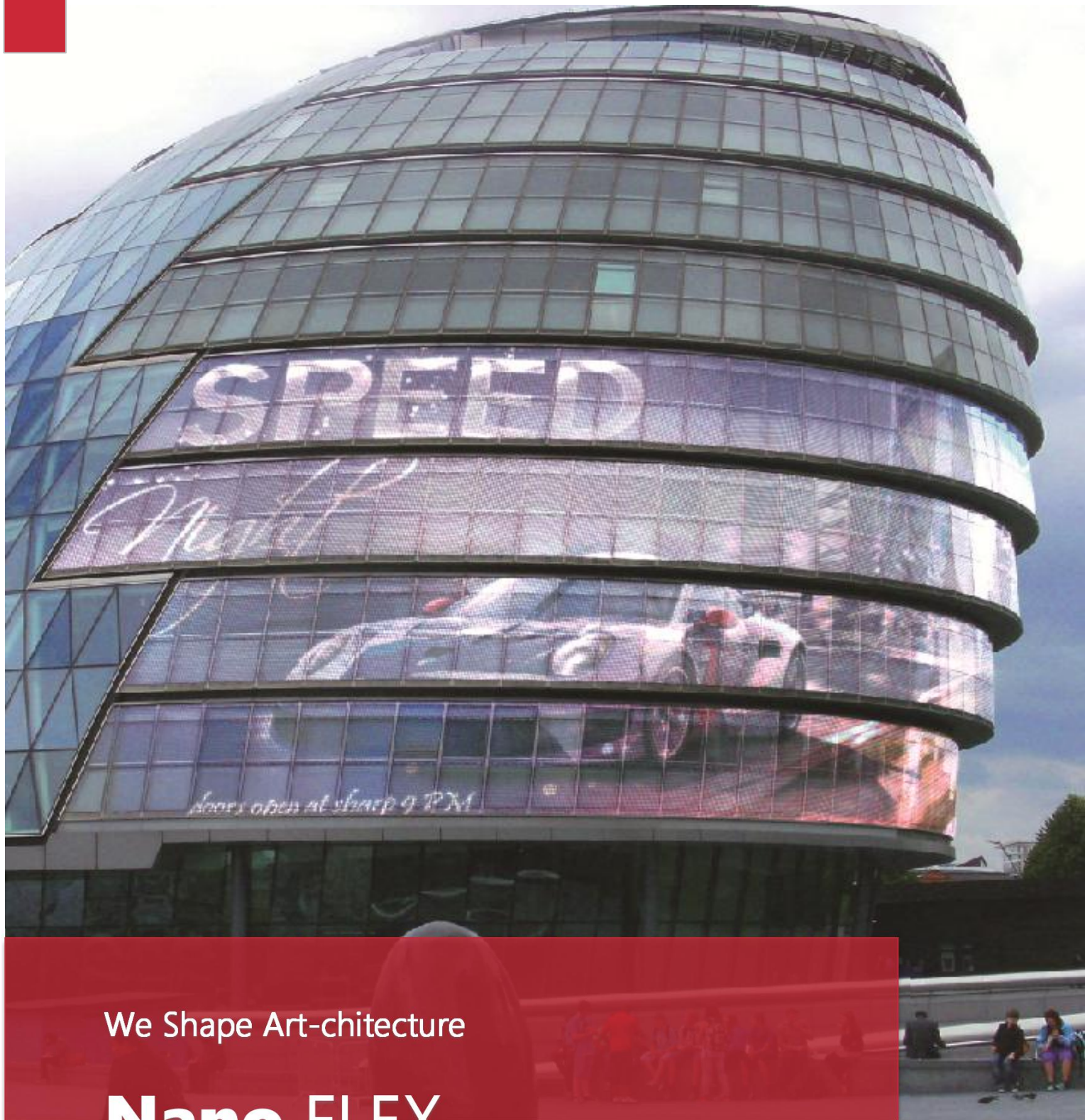




We Shape Art-architecture

# Nano FLEX

2022

[www.media-facade.net](http://www.media-facade.net)



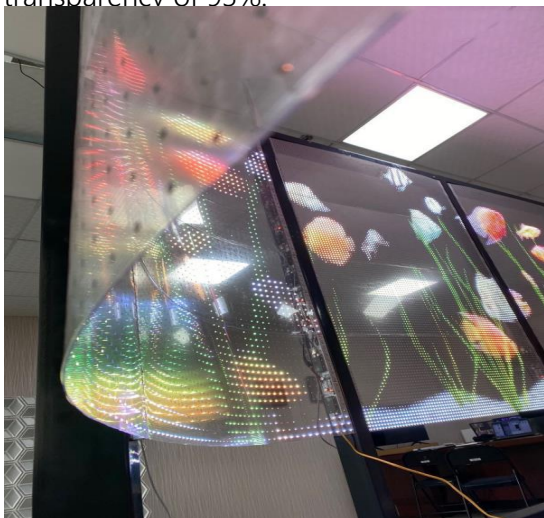
**Media Facade®**

SPECIFICATION · Nano Flex

## FEATURES

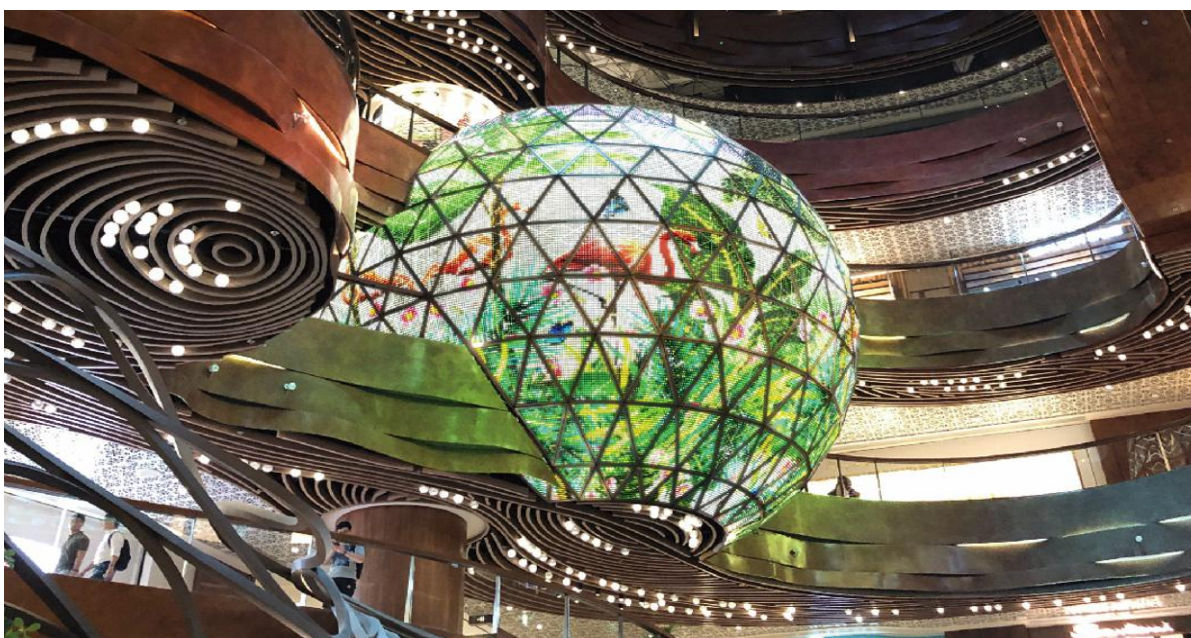
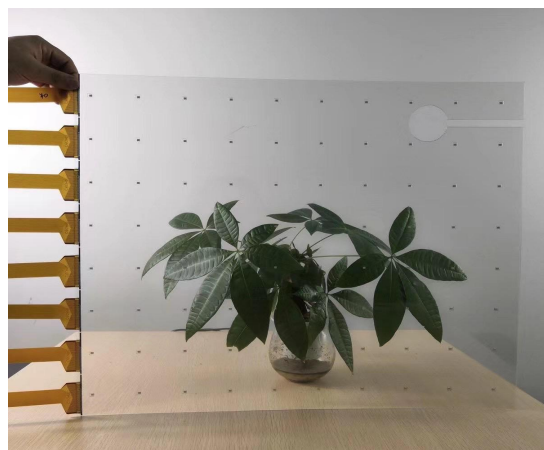
### High Transparency

Nano level metal reticular distribution.  
The min width metal wire is only 10,000 nanometers. LED size is less than 2×2 mm, achieves a highest transparency of 93%.



### Plug and Play

NanoFlex is an easy to install product leading to significant time and cost savings. Specific light installations and replacement of light sources are no longer required.



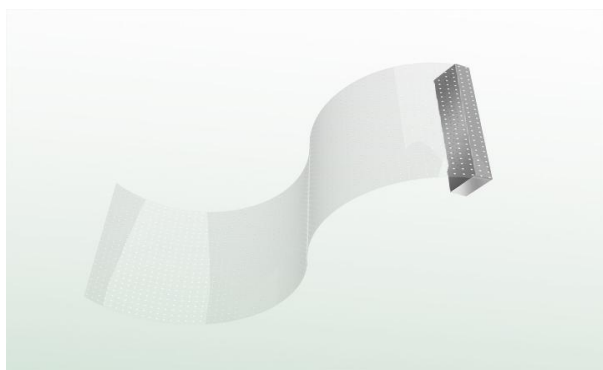


## State of the art technology

Nano flex delivers enhanced thermal insulation, light transmittance, safety, security and acoustic protection.

## Flexible Dimensions

Nano Screen can be cut at any shape, and be joined seamless. Screen size and shape is flexible for different building areas and fixing points. For instance, triangles or ellipse.



## Super Slim & Light Weight

Screen thickness  $\leq 3\text{mm}$ .  
Weight  $\leq 4\text{kg/m}^2$

## Easy Fixing & Maintenance

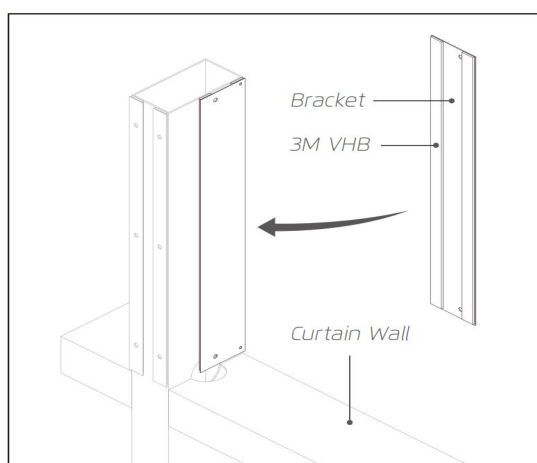
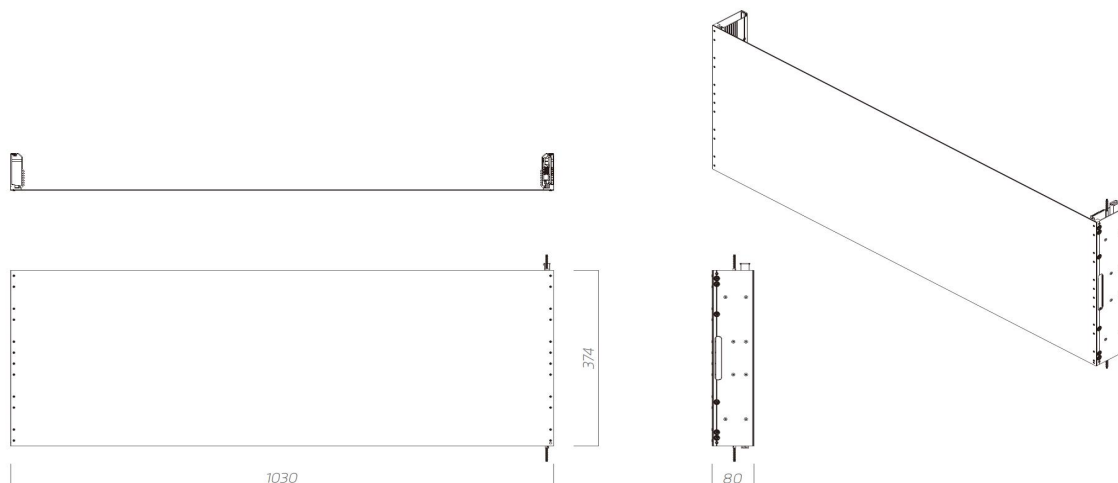
Single piece of led sheet is replaceable, without complicated installation, but easy maintenance.

## SPECIFICATION

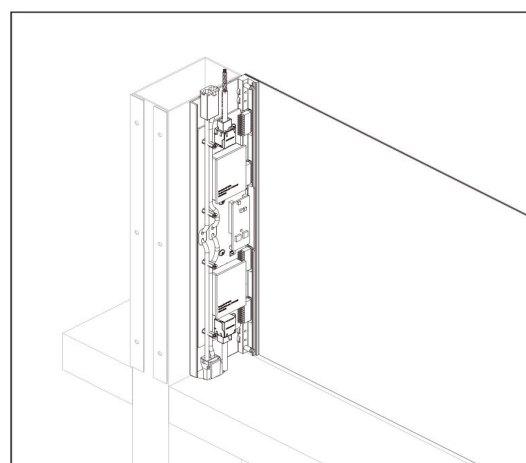
| Model                            | P8                | P10               | P15               | P20               | P30               |
|----------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Unit Panel (mm)                  | 240x580x60        | 240x580x60        | 240x580x60        | 240x580x60        | 240x580x60        |
| Transparency                     | 0.85              | 0.88              | 91%               | 92%               | 94%               |
| Weight (Kg/m2)                   | 4 KGS             | 4 KGS             | 4 KGS             | 4 KGS             | 4 KGS             |
| Thickness (mm)                   | ≤3                | ≤3                | ≤3                | ≤3                | ≤3                |
| Pixel Pitch (mm)*                | 8                 | 10                | 15                | 20                | 30                |
| LED Type                         | 2121              | 2121              | 2121              | 2121              | 2121              |
| Brightness (CD/m2)               | ≤4000             | ≤3500             | ≤2000             | ≤1500             | ≤1000             |
| Average Power Consumption (w/m2) | 30%-50%PMAX       | 30%-50%PMAX       | 30%-50%PMAX       | 30%-50%PMAX       | 30%-50%PMAX       |
| Maximum Power Consumption (w/m2) | 4000nit - 650W    | 3500nit - 450W    | 2000nit - 300W    | 1500nit - 250W    | 1000nit - 200W    |
| Color Uniformity                 | ±0.003            | ±0.003            | ±0.003            | ±0.003            | ±0.003            |
| Viewing Angle (°)                | 160               | 160               | 160               | 160               | 160               |
| Refresh-rate (Hz)                | ≥1920             | ≥1920             | ≥1920             | ≥1920             | ≥1920             |
| Color Resolution                 | 16                | 16                | 16                | 16                | 16                |
| Operating Temperature (°C)       | —20°C -40°C       | —20°C -40°C       | —20°C -40°C       | —20°C -40°C       | —20°C -40°C       |
| Operating Humidity (RH)          | 10%-80%           | 10%-80%           | 10%-80%           | 10%-80%           | 10%-80%           |
| Driving Mode                     | Static            | Static            | Static            | Static            | Static            |
| Processing System                | Colorlight / NOVA | Colorlight / NOVA | Colorlight / NOVA | Colorlight / NOVA | Colorlight / NOVA |

※ Specification is subject to changes without prior notice for product improvement.

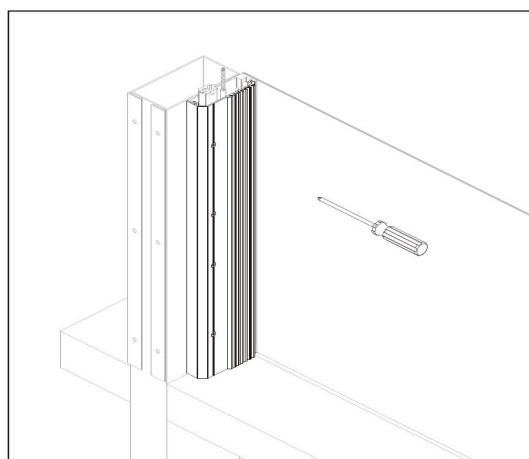
# INSTALLATION



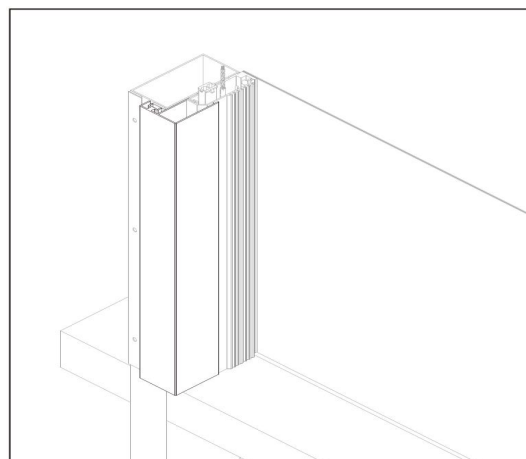
1. Attach base bracket to curtain wall



2 . Attach unit to curtain wall

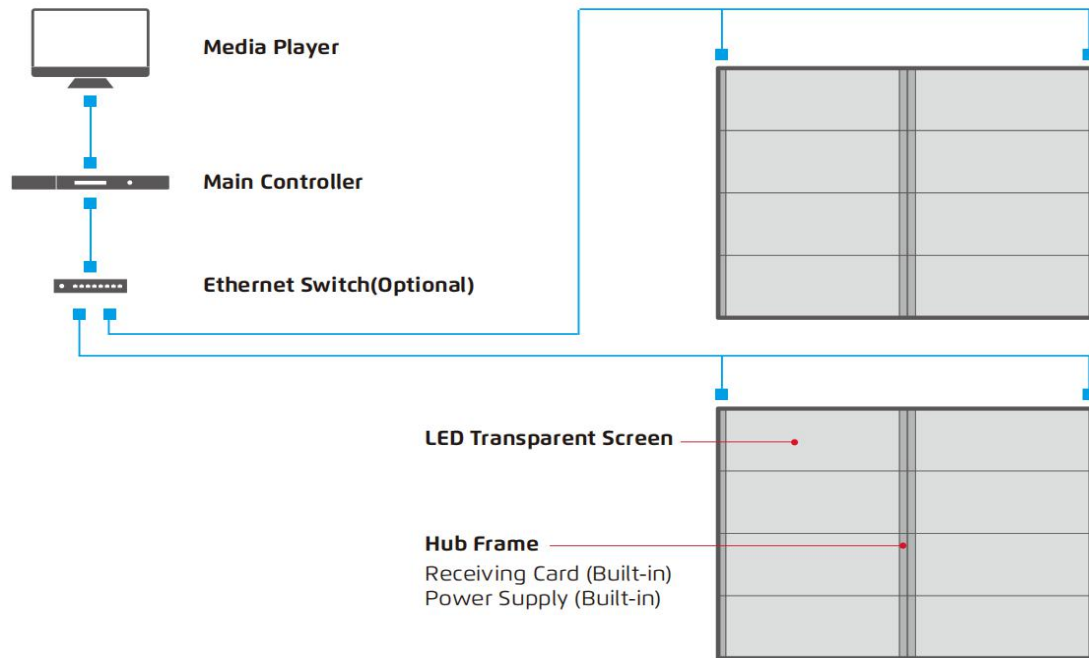


3. Attach unit cover to unit



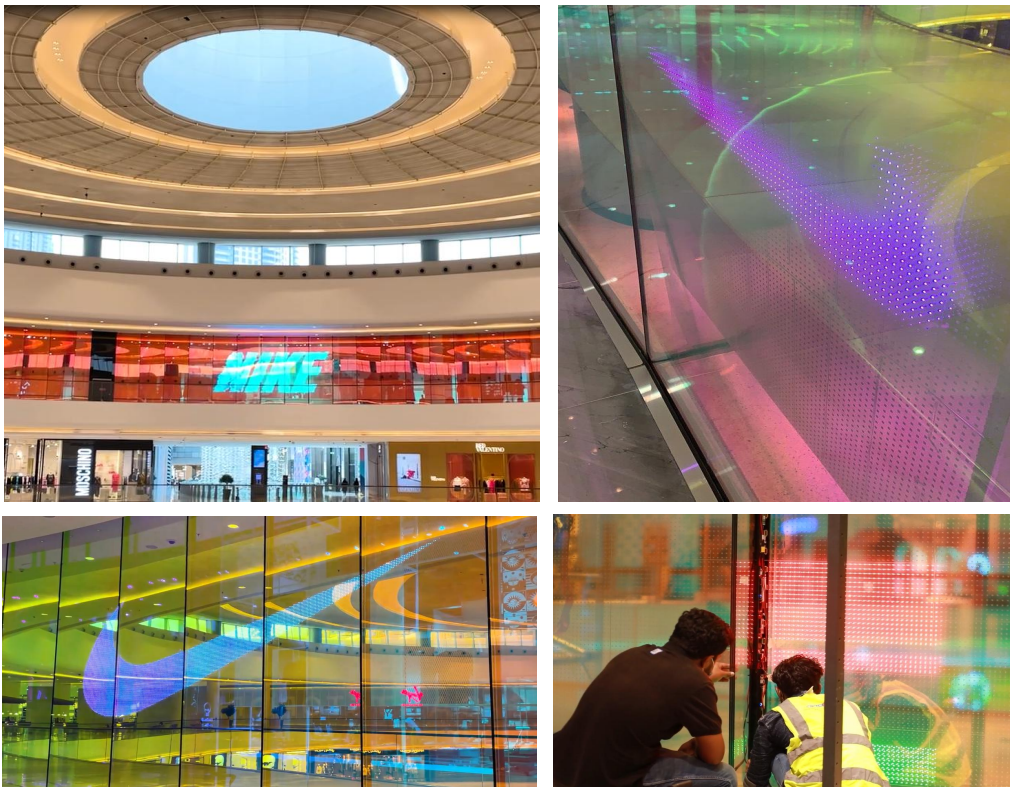
4. Attach mullion cover to curtain wall

## SYSTEM CONNECTION



※ The actual system diagram may subject to change from the above example.

## APPLICATION



Dubai Mall Nike Shop, UAE (2020)

1. Facade Glass curtain wall
2. Glass Elevator, Guardrail
3. Showcase, cabinet
4. Creative artistic landscape