



EXCEL LED
www.excel-led.com



ENOVA Series

Excellent in LEDS

O1

ENOVA Series

- ◆ Indoor/Outdoor
- ◆ Thin & Light
- ◆ Direct Connections
- ◆ Detachable Power Supply
- ◆ 1.6mm Thickness HUB Board
- ◆ 3840Hz Refresh Rate
- ◆ Gold-plated Pin
- ◆ Front Maintenance(for Indoor)
- ◆ Edge & Corner Protectors
- ◆ Seetronic Connector
- ◆ Novastar Control System
- ◆ RE,ROHS,FCC,Cetificate.

**O2**

Integrated Power and Signal Box



Indoor

Pixel Pitch: 1.95/ 2.604/ 2.84/
2.976/3.91/4.81mm

Brightness: 800/1200 cd/m²

Weight: 15.2 kg

Outdoor

Pixel Pitch: 2.604/ 2.84/2.976/
3.91/4.81mm

Brightness: 4500 cd/m²

IP Rate: 65

Weight: 15.2 kg

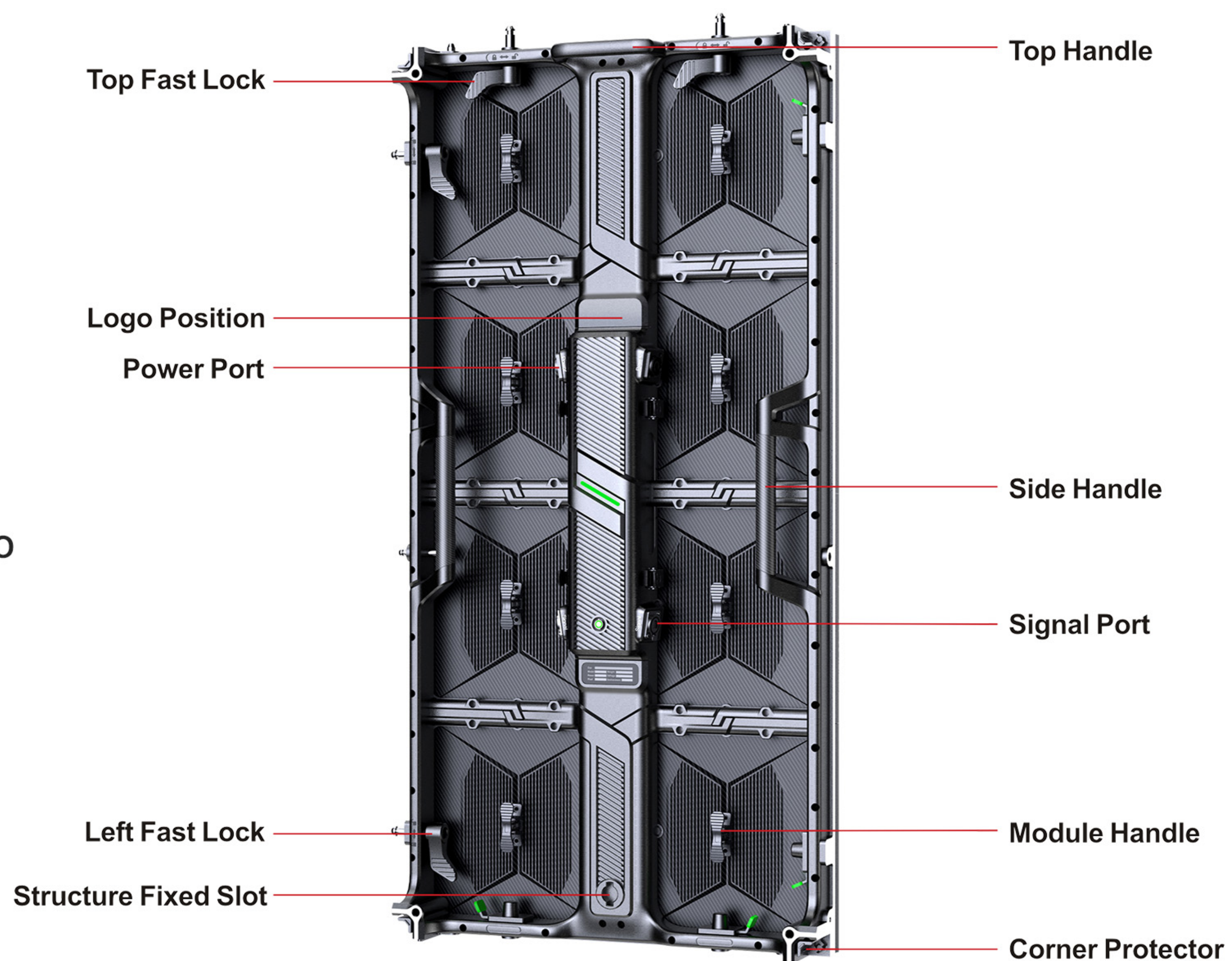
Cabinet Size: 500x1000x88mm

Cabinet Material: Aluminium

Refresh Rate: ≥ 3840Hz

O3 Feature

- ◆ Fast Lock: 0.5s instantly installation
- ◆ Cabinet Handle - Easy install and disassemble the panels
- ◆ Can be customized private logo
- ◆ LED Panel Can be add corner protection
- ◆ Can be added curved lock.



O4 Thickness

The thickness is only 84mm/3.3inch



O5

Direct Connections & Detachable Power Supply

Direct Connections

Direct connections between modules and key components, free of flat ribbon cables for a greater level of stability.

Detachable Power Supply

Internal components integrated into a fully detachable quick-swap power control housing for minimal down-time and simplified user-level servicing.

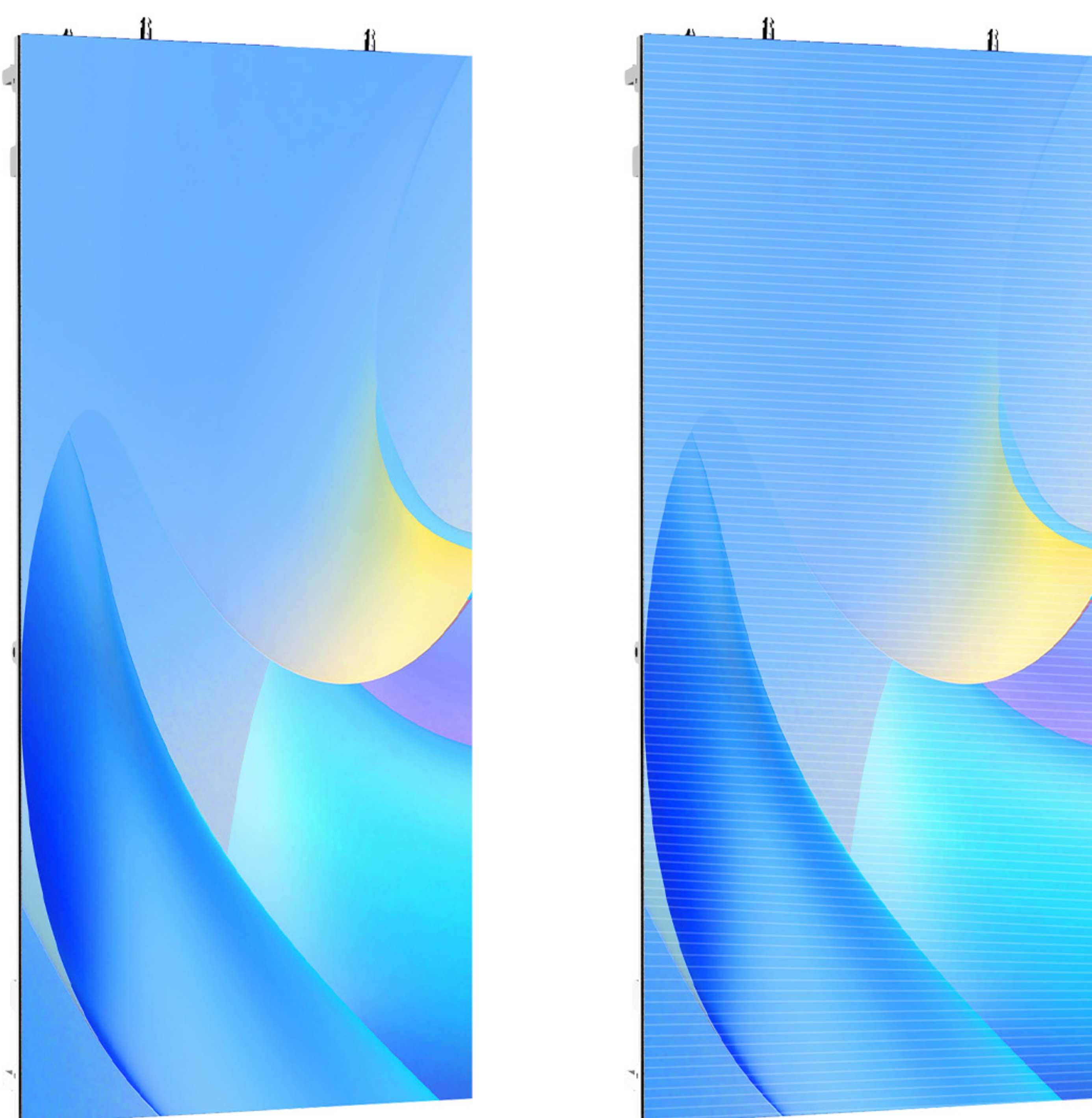
1.6mm HUB Board

The circuit board plays a vital role in the stability and display effect of the LED display. ENOVA Series uses 1.6mm thickness PCB board, which is more conducive to heat dissipation and circuit stability.



O6

Excellent performance



3840HZ

1920HZ

ENOVA Series Panel uses high-performance, flicker-free LED's to deliver HD clarity in a wide range of touring and permanent install applications. And front-serviceable for easy user-level serviceability and features high-contrast black-body LEDs with a 3,840hz refresh rate for exceptional performance in-person and on-camera

O7

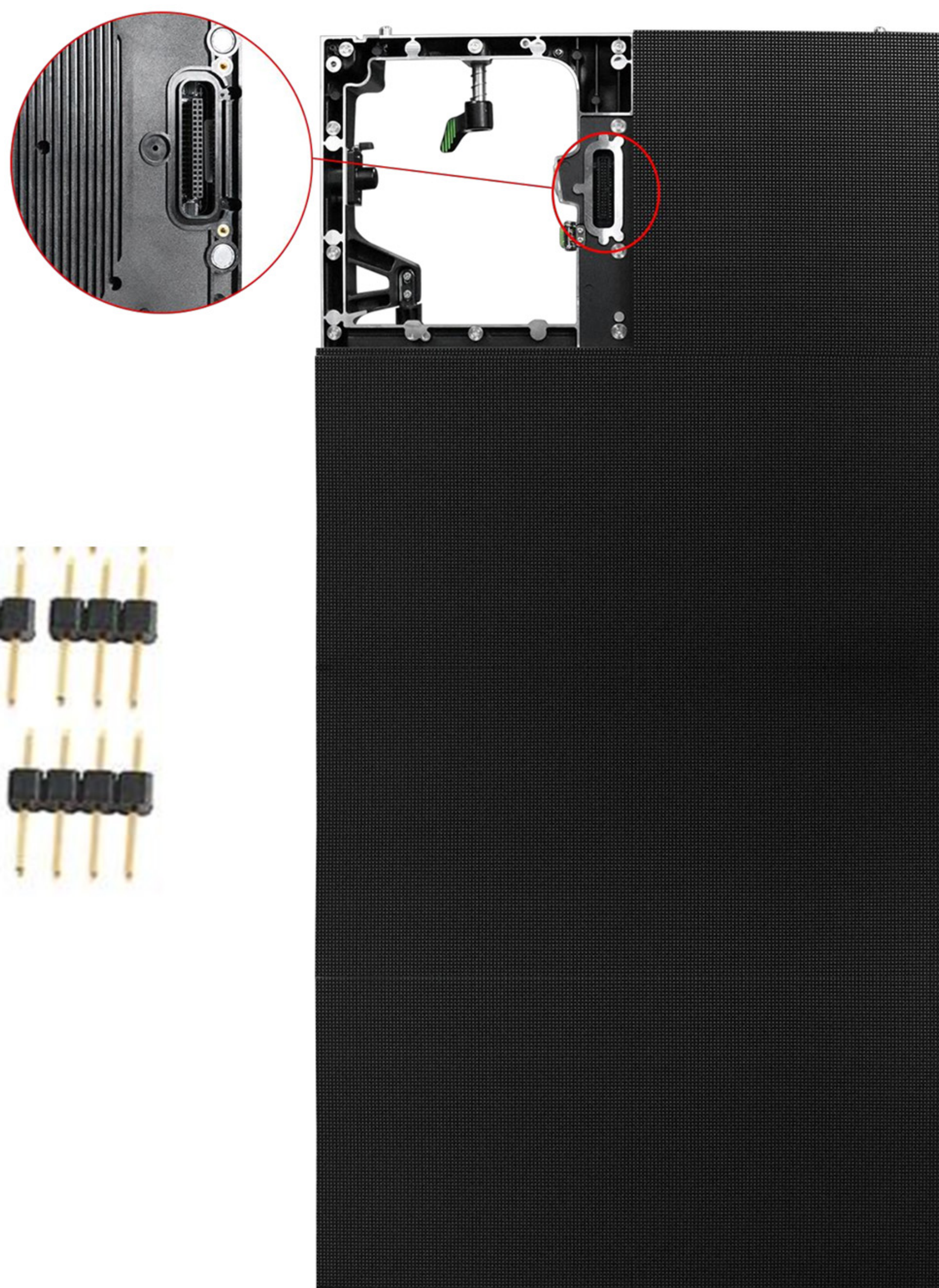
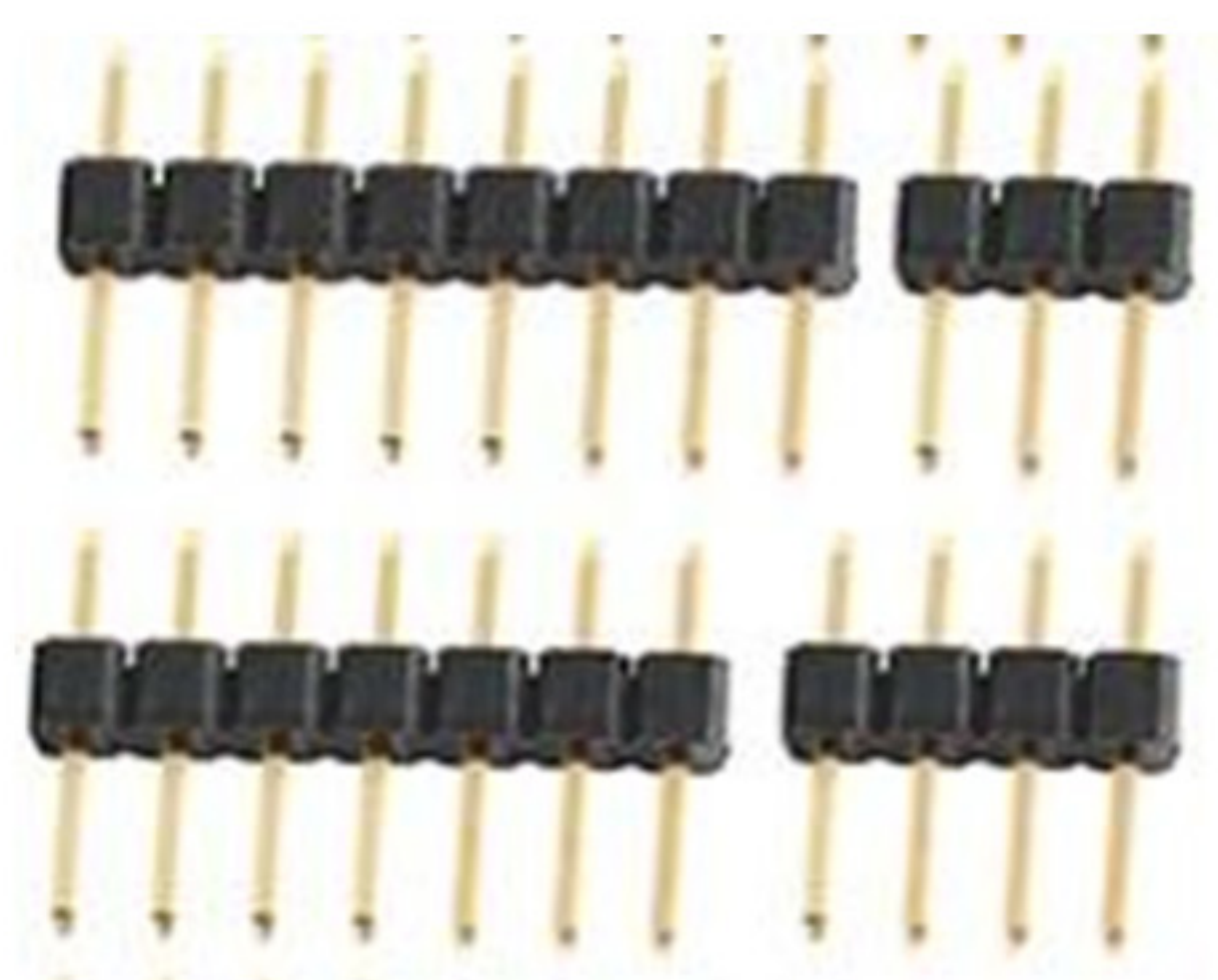
Gold-plated Pin

Strong Endurance

It can withstand considerable external force and has high reliability

Long Lasting

Not easy to fall off, can meet different high current and large voltage

**O8**

Seetronic Connector

Lockable three core device(AC)connector with contacts for linear neutral and pre-adapted safely grounding

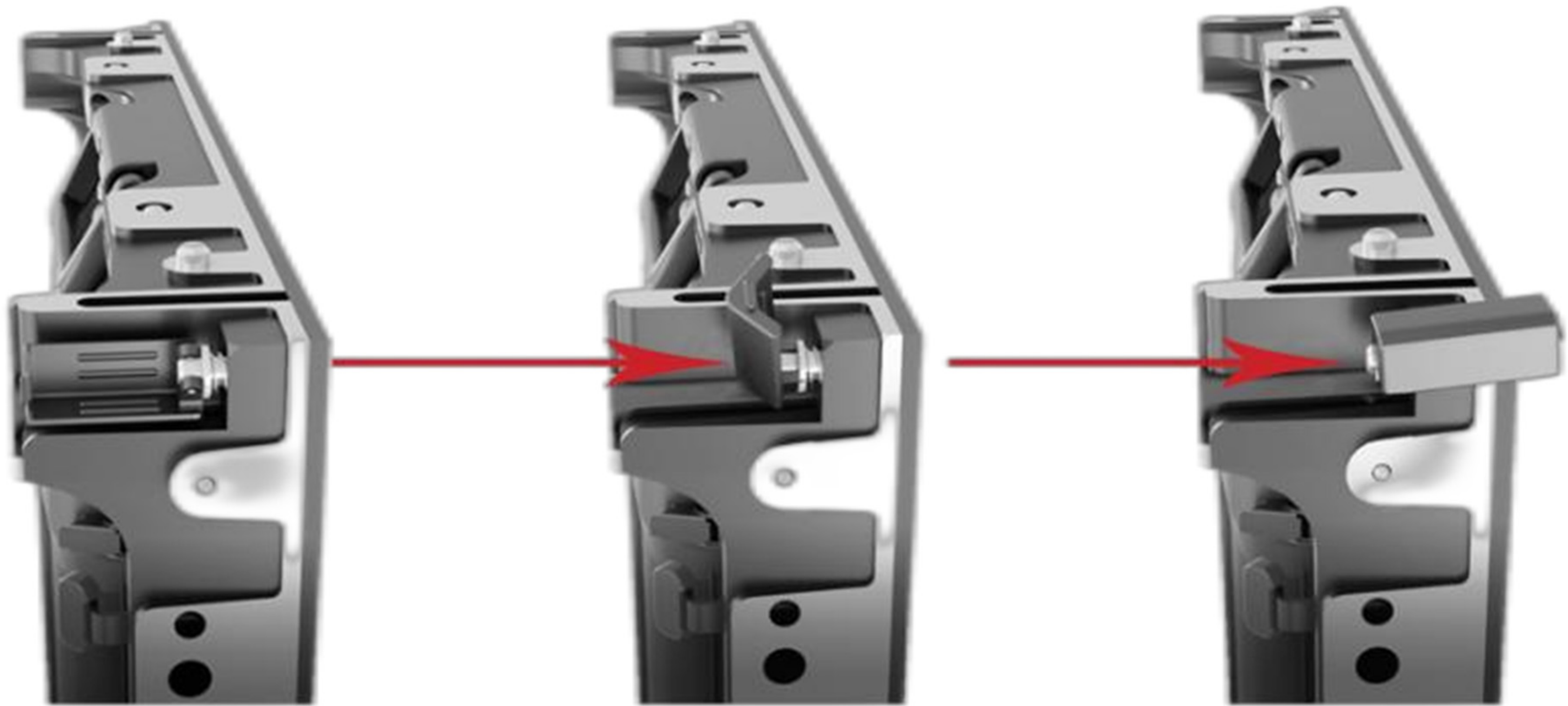
- ◆ High current capacity rated at 20A/250VAC
- ◆ Quick and easy locking system the keys are firm and do not fall off
- ◆ UL certification (Certification No 359036)
- ◆ VDE certification (Certification No 40044166)



09

Corner Protection

Integrated flip-out corner protectors and raised edges protect vulnerable pixel areas from damage during handling.



10

Waterproof Function

**Outdoor waterproof
up to IP65**

Power Port, Ethernet Port,
Power supply boxes, and
Modules all have waterproof
rubber rings



11

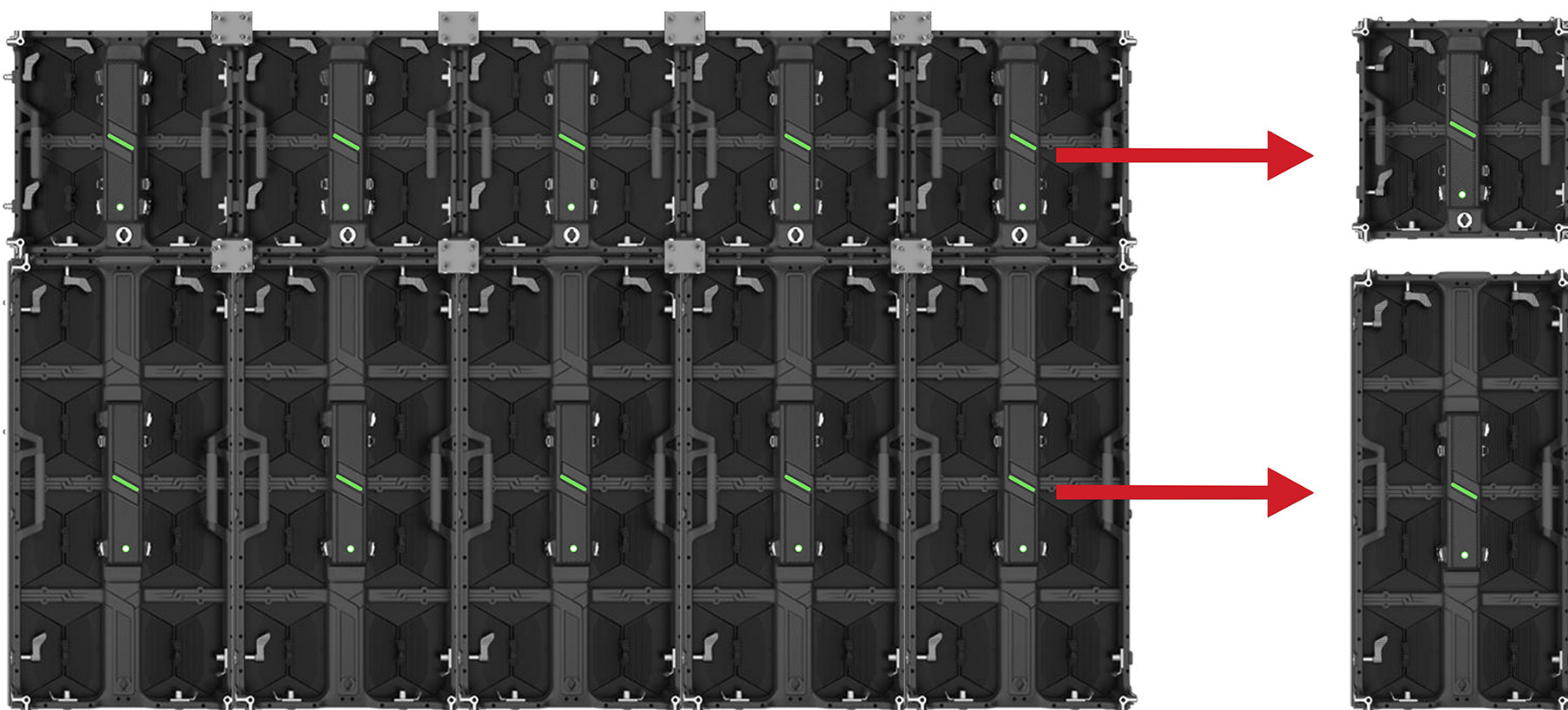
Front Serviceable

ENOVA Series Indoor LED panel support front access to use the magnet tool take off the modules. For better waterproof function, the outdoor led panel is only rear service.

**12**

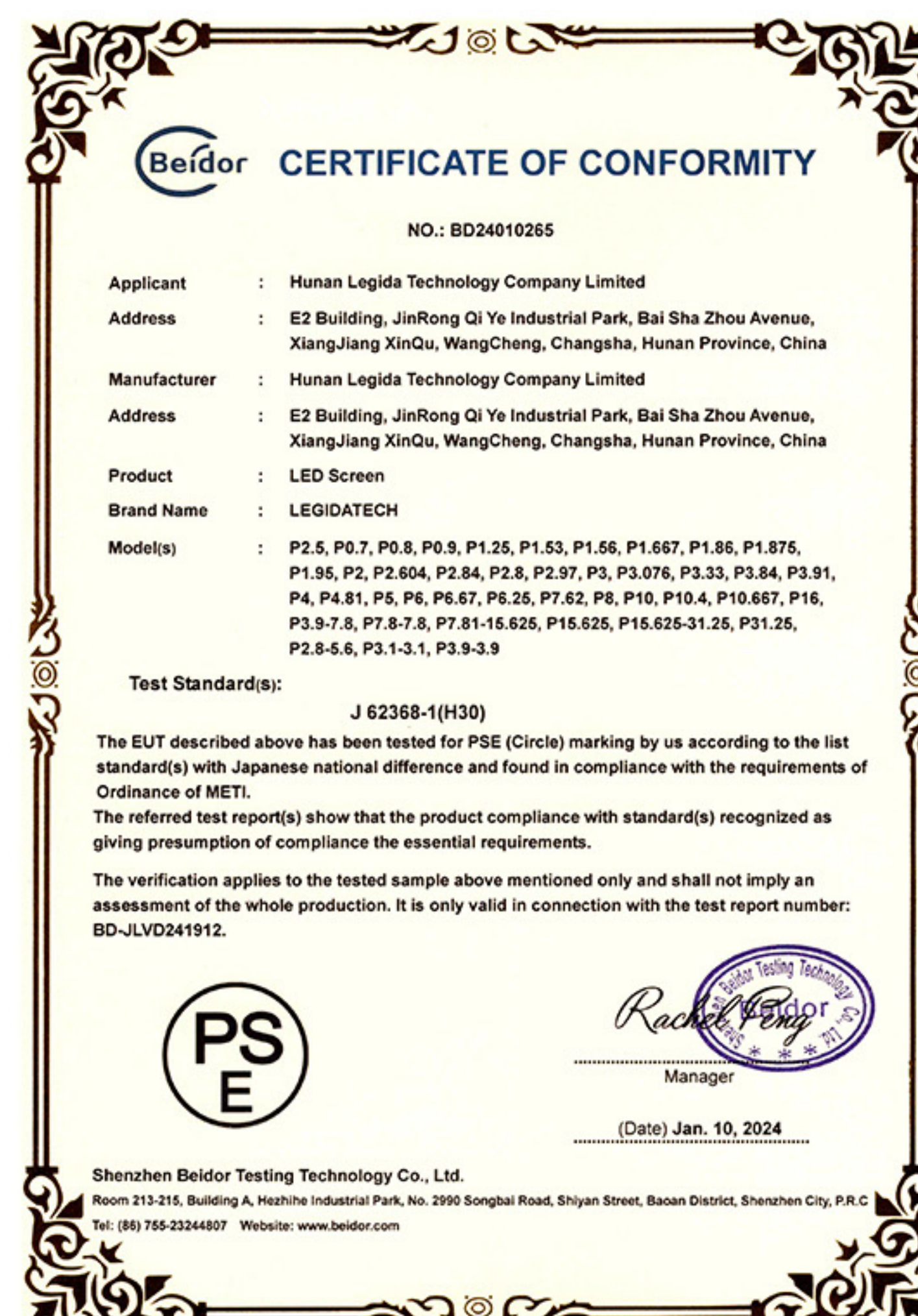
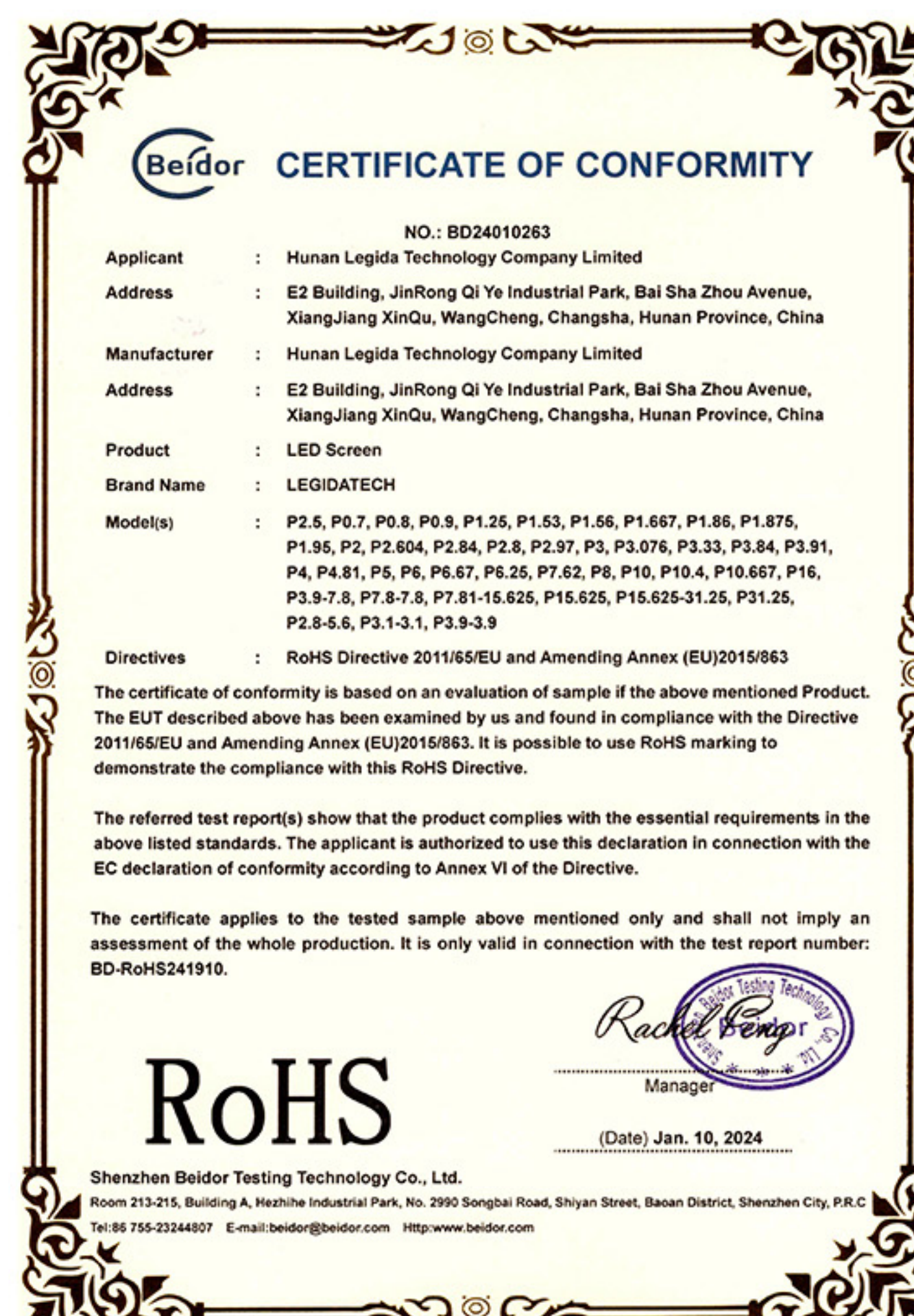
Different Sizes Free Splicing

ENOVA series support mixed splicing for 500 x 500mm and 500 x 1000mm LED panels from upon to bottom and left to right, to meet different application requirement.



A5S Plus

The maximum load resolution of a single card is 512x384dots, and it is dustproof and shockproof, and has high stability. A series cards connect directly to the HUB board, but MRV series need the flat data cable. And A series adopts a high-density connector interface for communication.

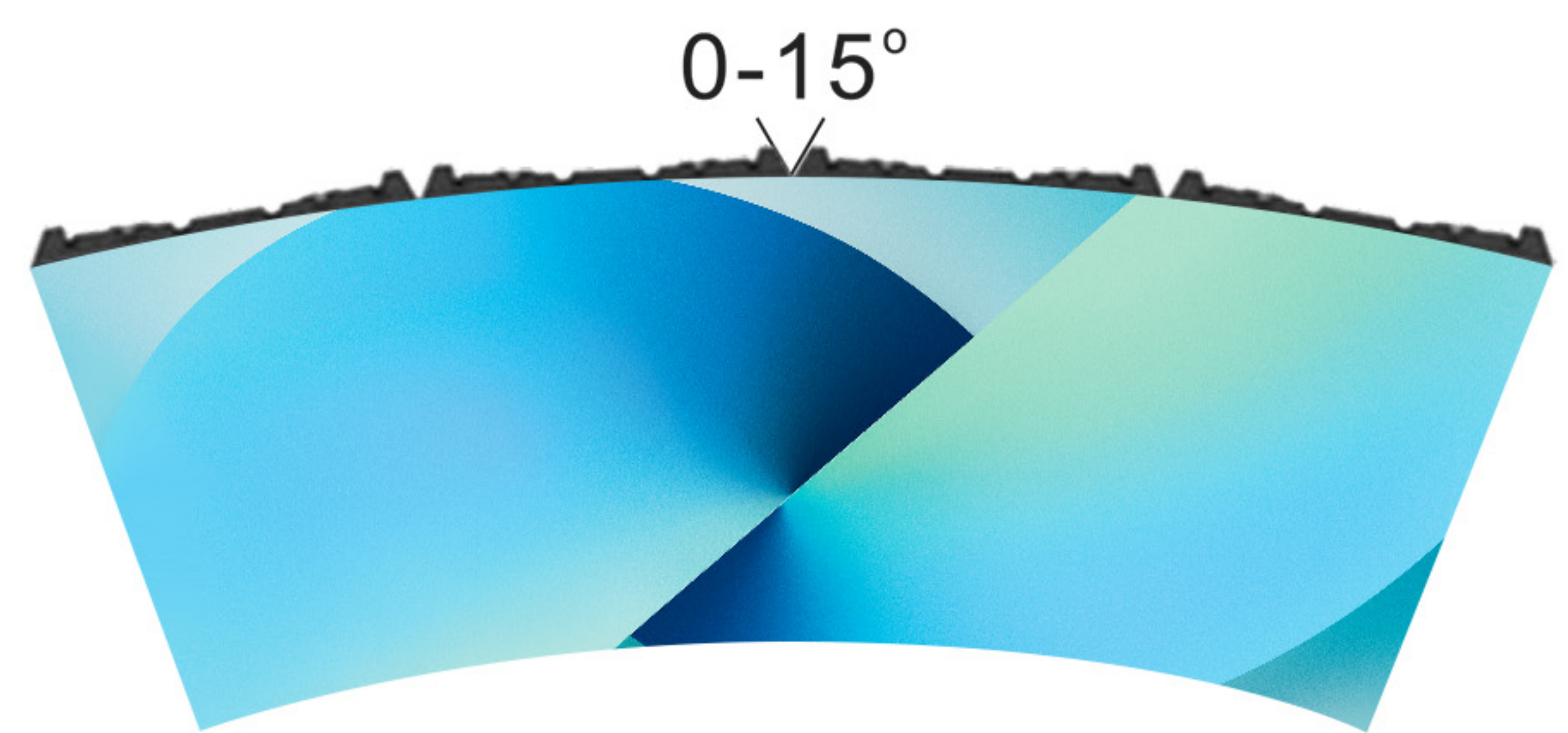
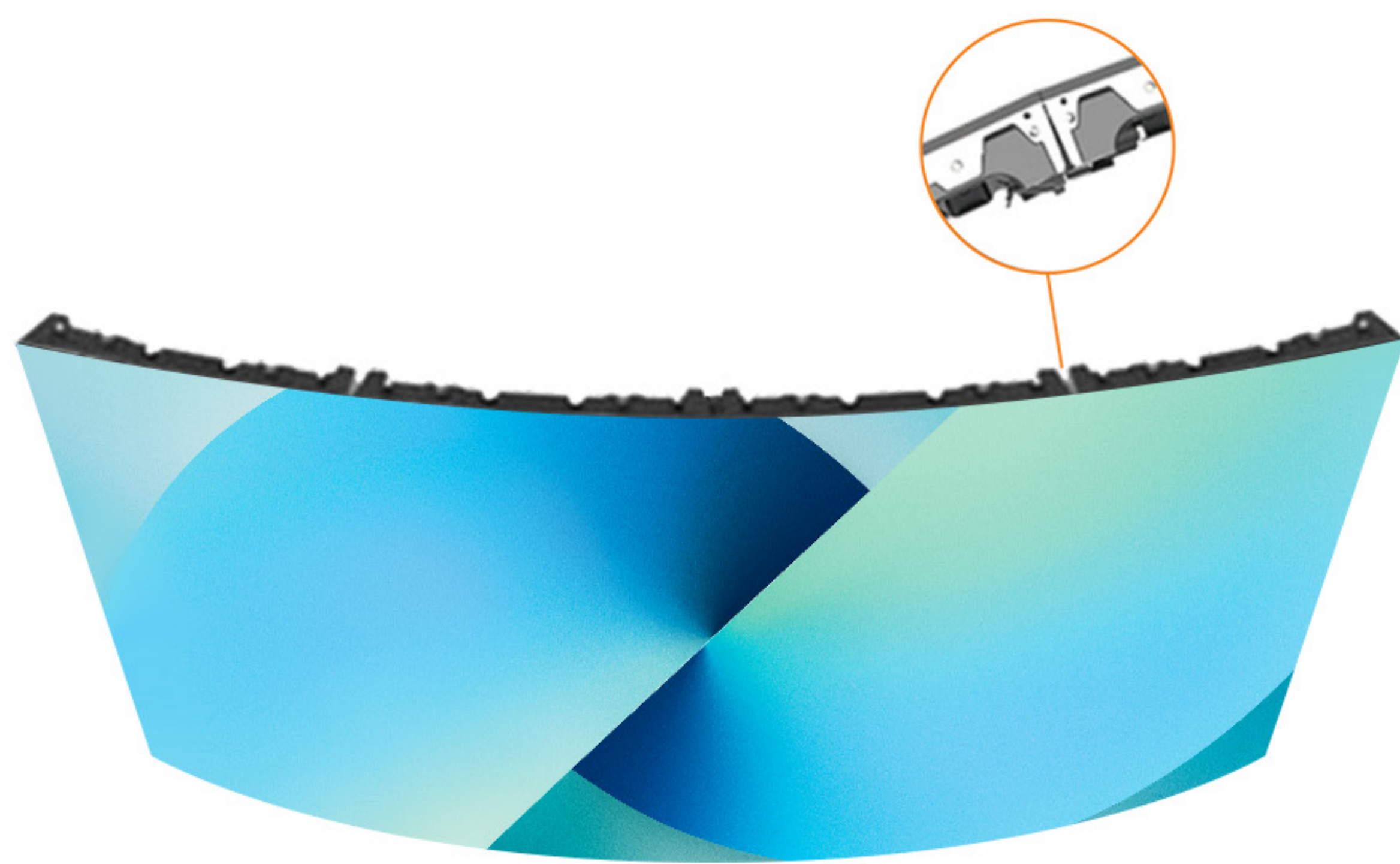


15

Curve Installation

Advanced Inner and outer curve lock systems

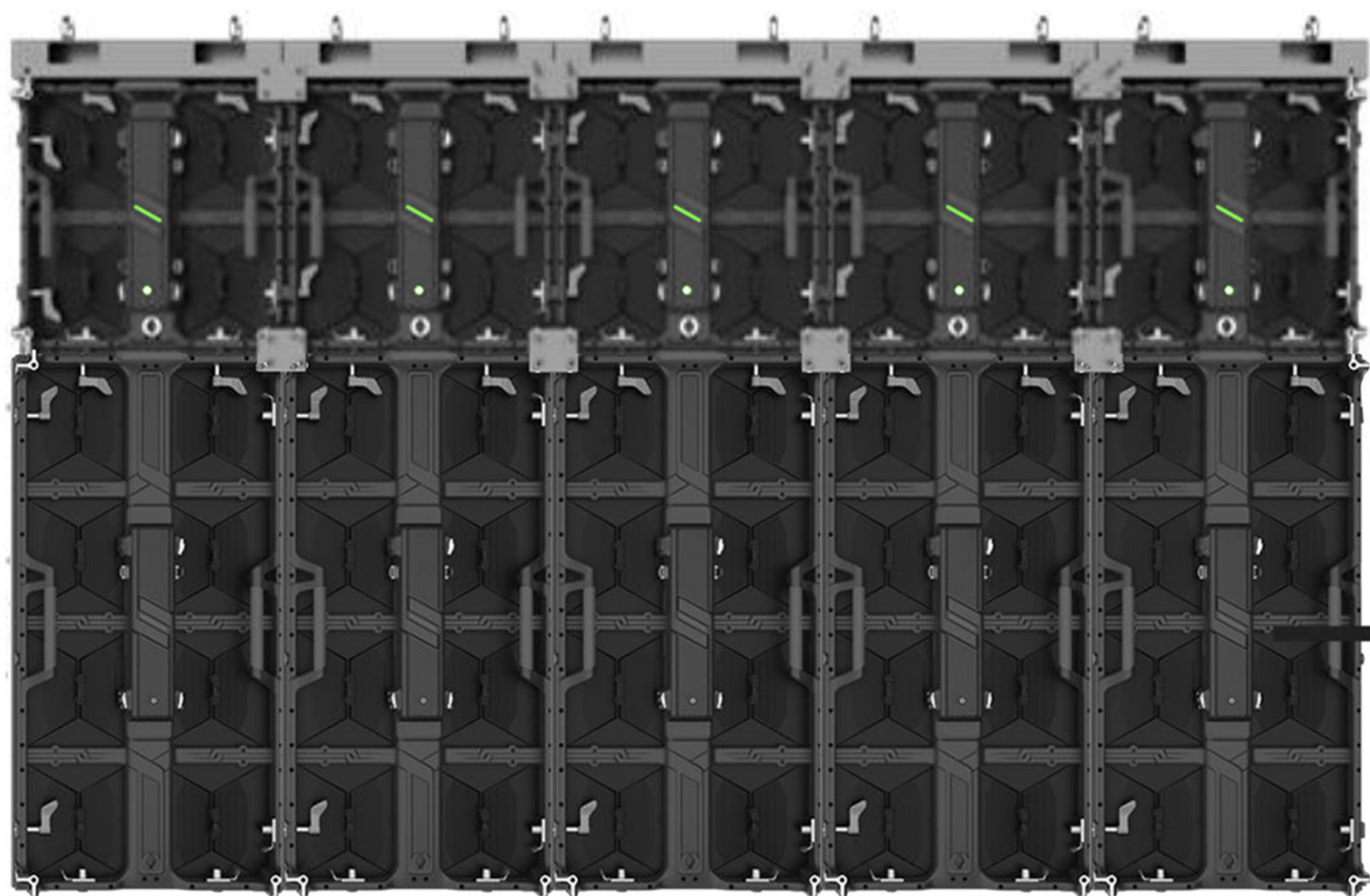
Curve Installation is available for both 500*500mm and 500*1000mm cavinets



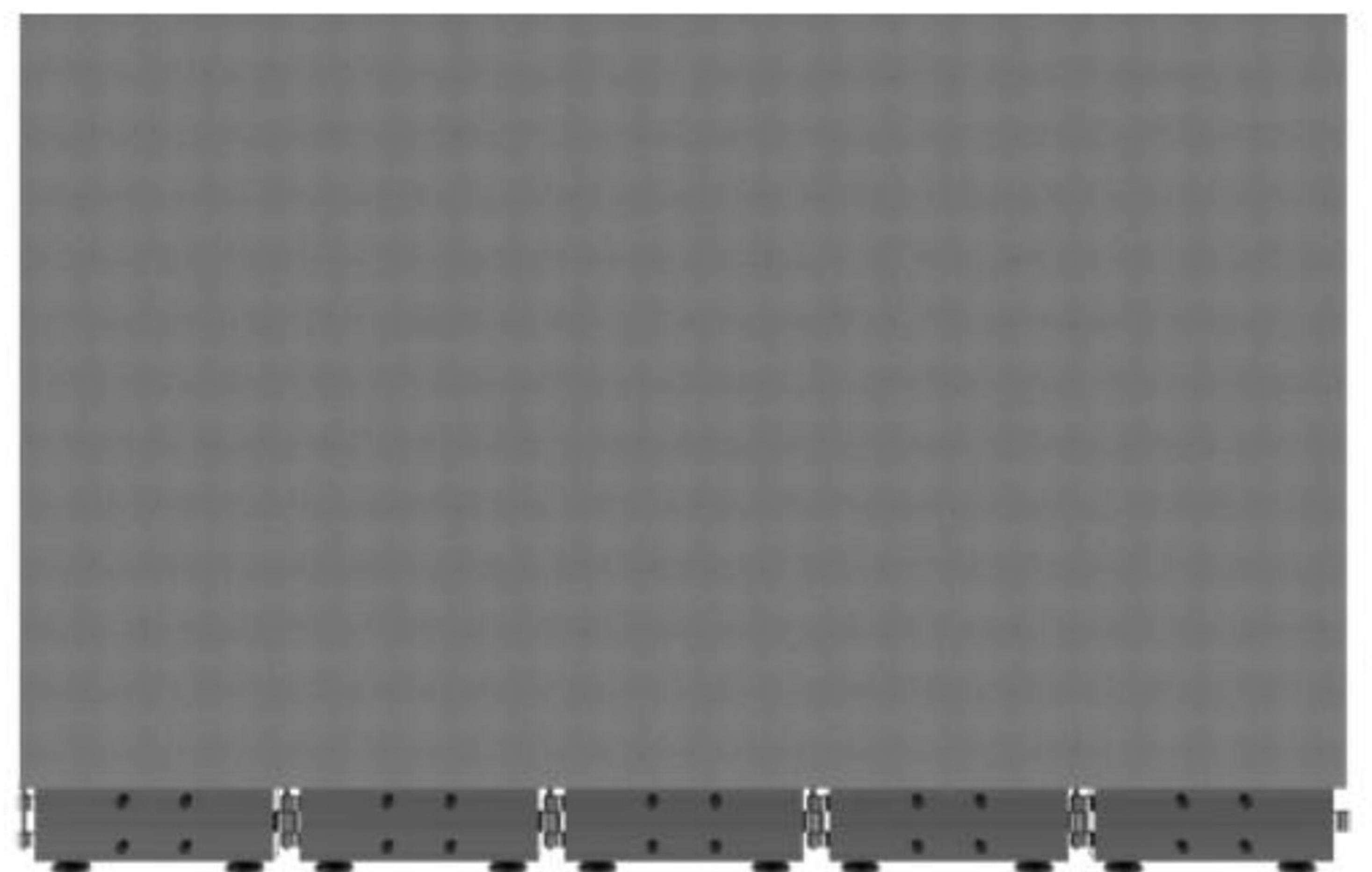
Convex Curve

16

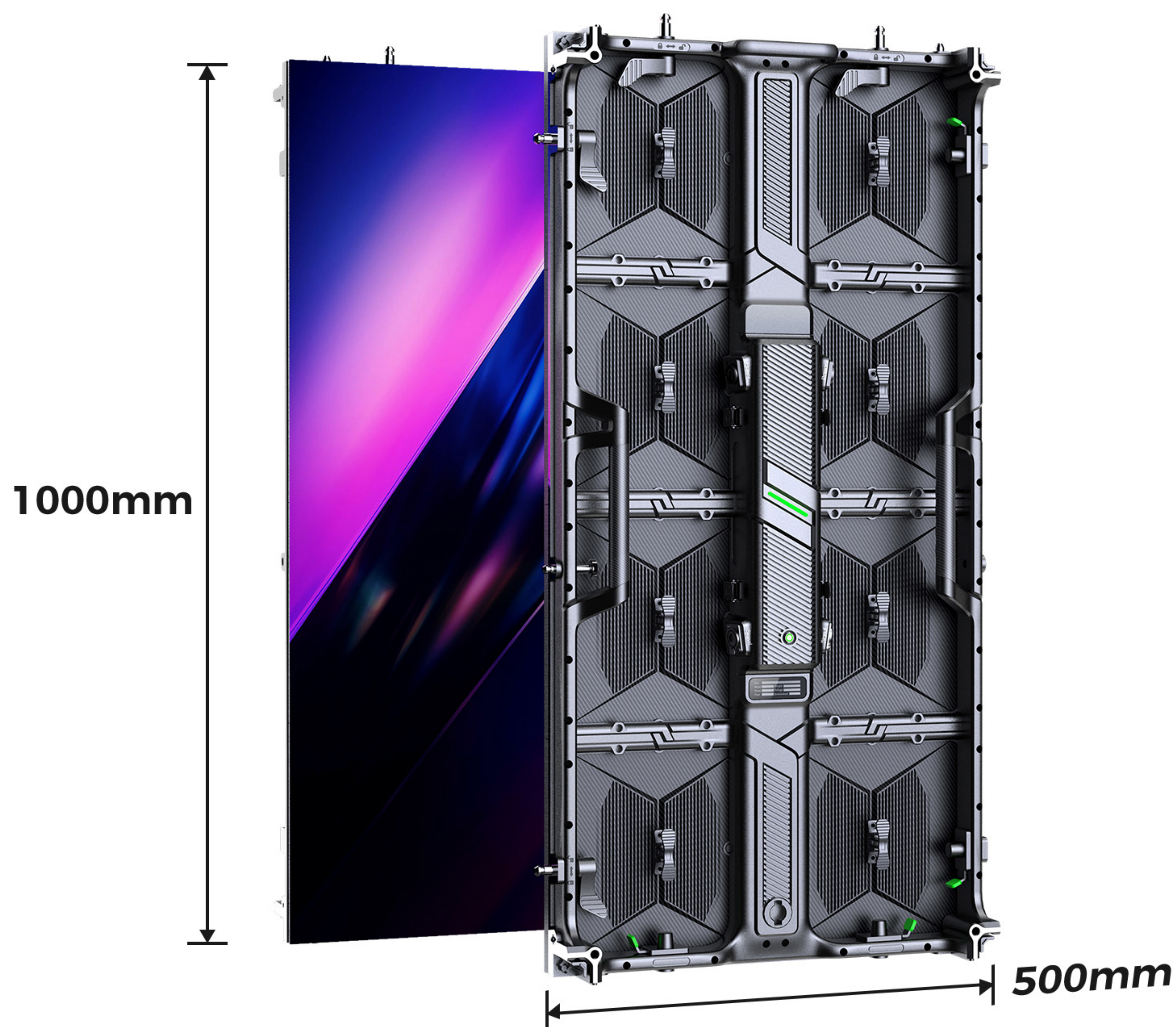
Multi-installation Method



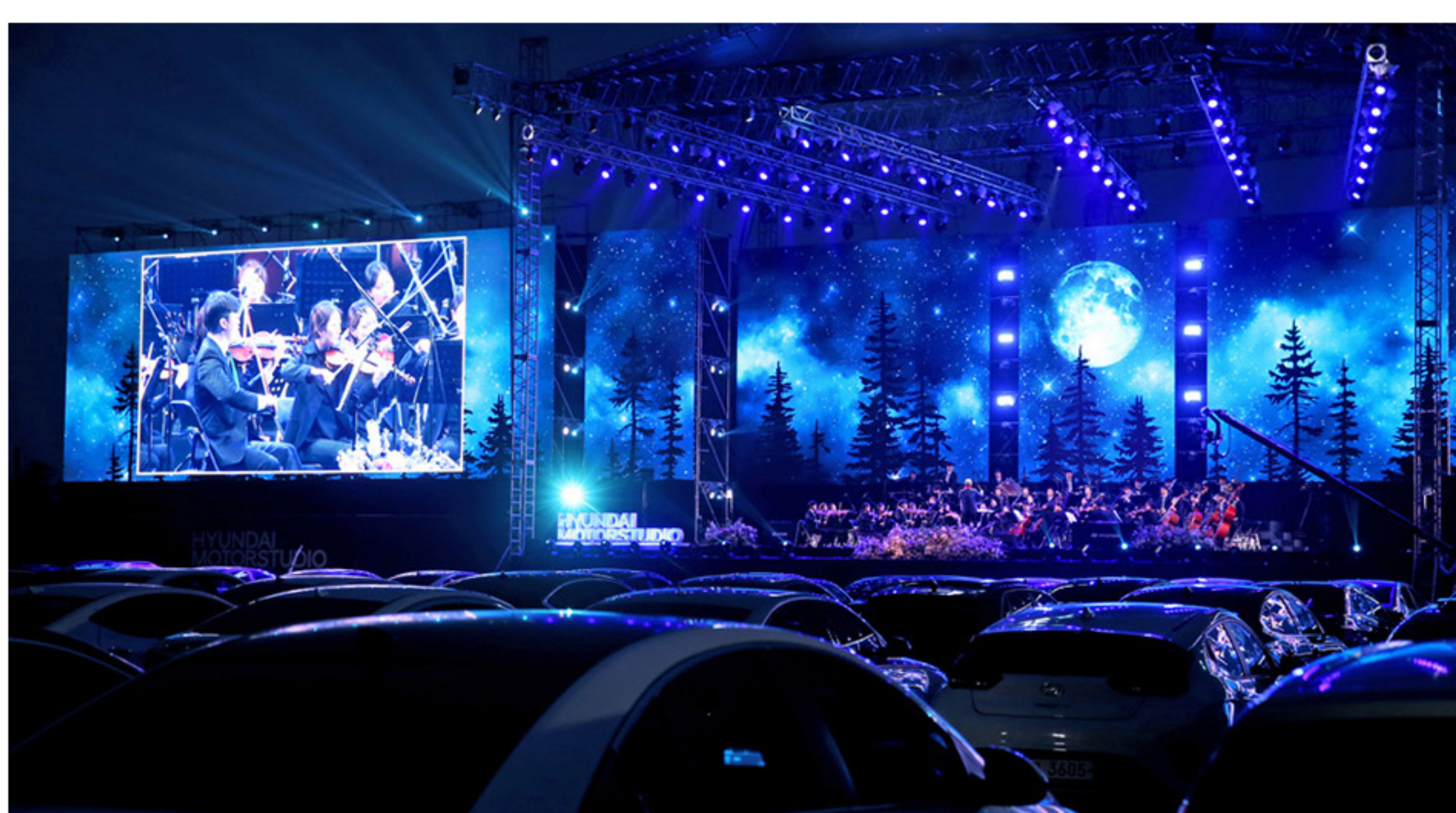
Hanging



Stacking



Value	P1.95	P2.604	P2.84	P2.976	P3.91	P4.81
Pixel Pitch	1.95mm	2.604mm	2.84mm	2.976mm	3.91mm	4.81mm
Brightness	800nits	800/4500nits	800/4500nits	1200/4500nits	1200/4500nits	1200/4500nits
Pixel Configuration	SMD	SMD	SMD	SMD	SMD	SMD
Application	Indoor	Indoor/ outdoor	Indoor/ outdoor	Indoor/ outdoor	Indoor/ outdoor	Indoor/ outdoor
Refresh Rate	≥3840Hz	≥3840Hz	≥3840Hz	≥3840Hz	≥3840Hz	≥3840Hz
Pixel Matrix Per Sq.M	262,144	147,456	123,904	112,896	65,536	43,264
Life Span	100,000 Hours	100,000 Hours	100,000 Hours	100,000 Hours	100,000 Hours	100,000 Hours
Max Power Consumption	800	800	800	800	800	800
IP Rate	IP30	IP65/IP30	IP65/IP30	IP65/IP30	IP65/IP30	IP65/IP30
Input Voltage (AC)	100 ~ 240	100 ~ 240	100 ~ 240	100 ~ 240	100 ~ 240	100 ~ 240
Panel Size (mm)	500*1000*84	500*1000*84	500*1000*84	500*1000*84	500*1000*84	500*1000*84
Panel Material	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum
Panel Weight	15.2 Kgs	15.2 Kgs	15.2 Kgs	15.2 Kgs	15.2 Kgs	15.2 Kgs
Operating Temperature	-20 ~ +60°C	-20 ~ +60°C	-20 ~ +60°C	-20 ~ +60°C	-20 ~ +60°C	-20 ~ +60°C



2nd Industrial Park, NanGang, NanShan District, Shenzhen, GuangDong Province. China.



Nigeria Abuja Office: City Centre. Plot 689 Gimbiya Street. Area11, Garki



E2 Building. JinRang Qi Ye Industrial Park, Bai Sha Zhou Avenue, XiangJiang XinQu. WangCheng, Changsha, Hunan Province. China.



www.excel-led.com



Nigeria Lagos Office: No.17, Community Road, Off Allen Avenue, Ikeja



South Africa Office: *Iconic Business Park* 251 Kent Ave, Ferndale, Randburg, 2194



Tel: +86 135 307 388 45



Email: excel@excel-led.com