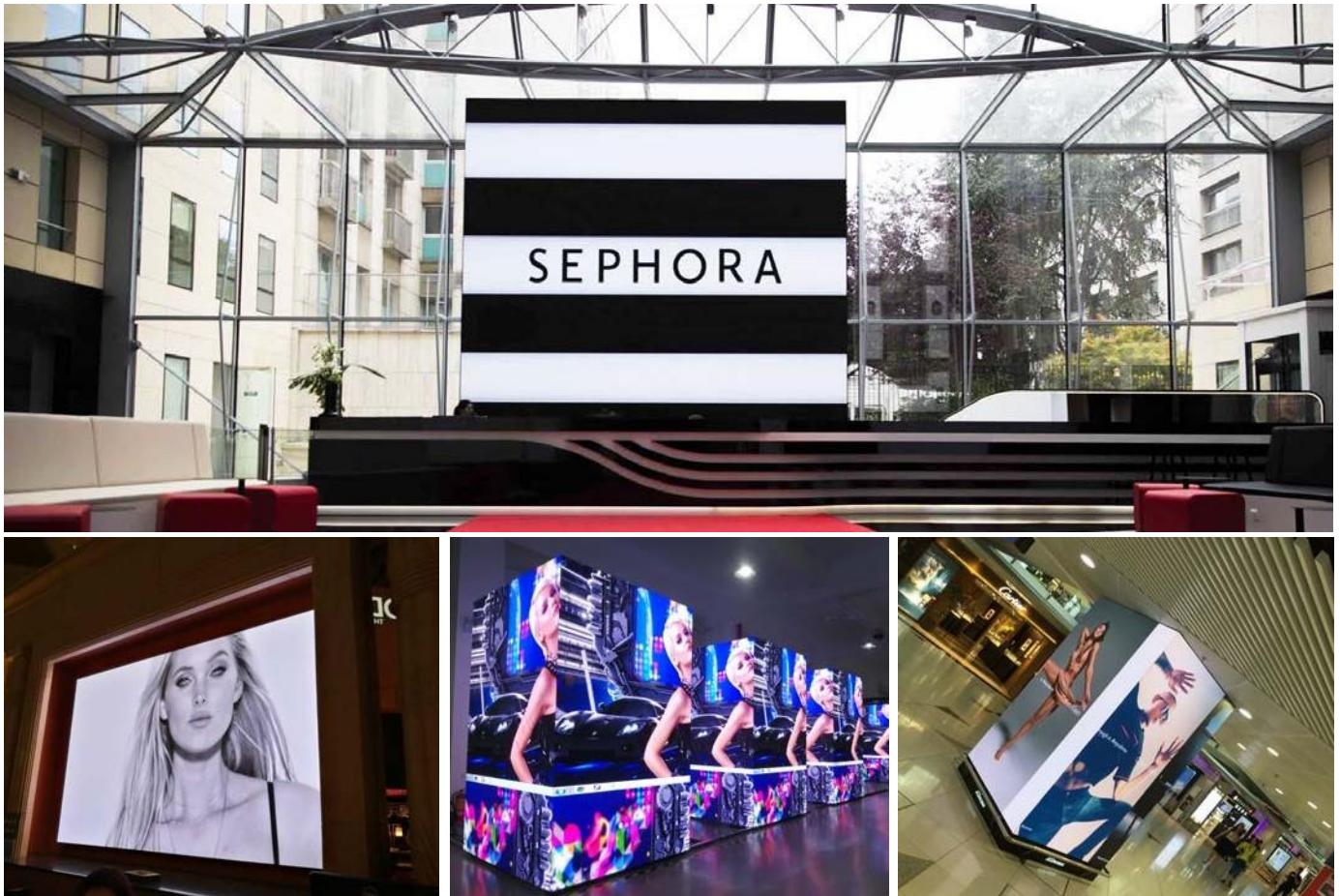


## LED VIDEO WALLS – VAL- Mar-Series



### ► Application

The VAL-Mar-Series are for retails, hotels, restaurants, airports, conference rooms etc. where it needs perfect LED video walls.

They are chosen by hundreds of installations worldwide including Louis Vuitton, Christian Dior stores, and the reception area of Sephora's headquarters building.

## Clear & Sharp

With pitch smaller to 1.9mm, refresh rate higher to 3,840Hz, 16bit processing depth and 281 trillion colors, it is clear and sharp even in up-close viewing distance.

Up to

**16bit**

Processing depth

Smaller to

**1.9mm**

Tight pixel pitch

Up to

**281 Trillion**

Colors

Up to

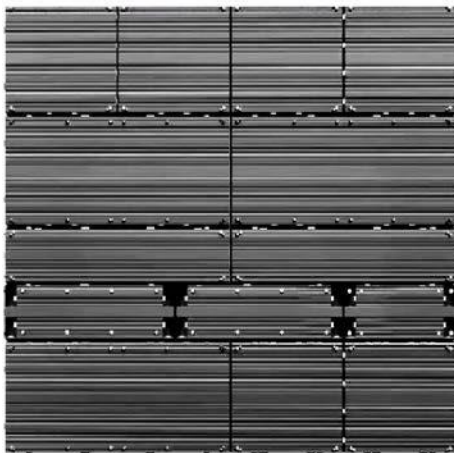
**16bit**

Refresh rate



### Flat & Seamless

We adopt the most advanced die-casting cabinet technology to ensure perfect flatness and seamless splicing.



### Custom Sizes

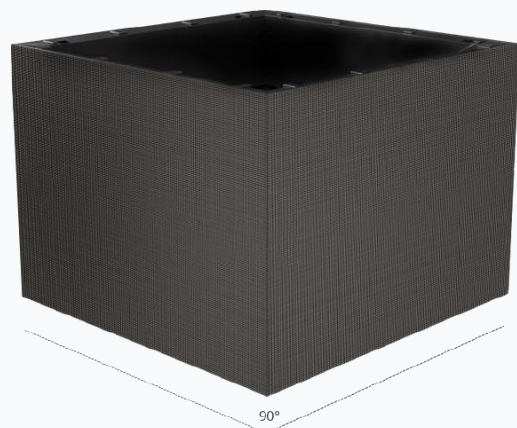
The cabinet width and height can be customized to any between 250mm and 1000mm, to achieve the closest screen size.

- 1000x500mm
- 500x500mm
- 1000x250mm
- 750x250mm
- 500x250mm



### Seamless Right-angle

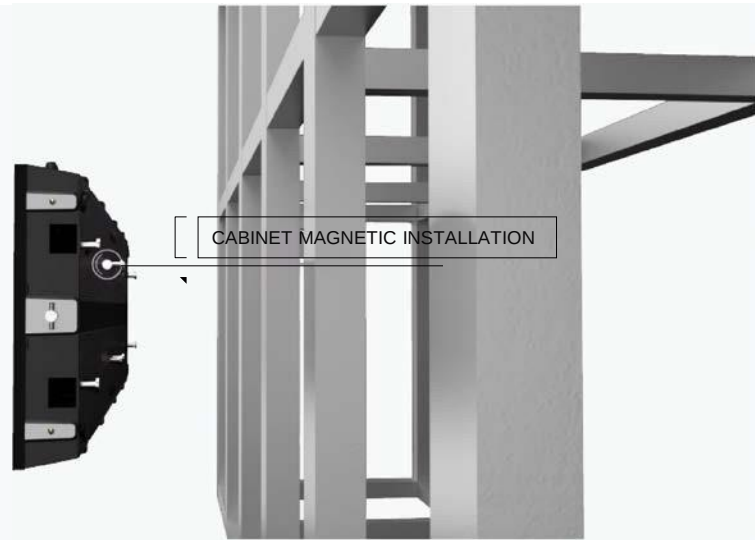
Perfect and seamless right angle can be easily realized for your creative designs. A cube? It's easy.





## Fast Installation

There is no need to leave a space on the rear side for maintenance. We also provide magnet accessories for your fast mounting to steel structures.

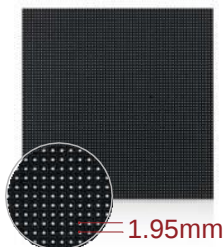


## Easy to Use

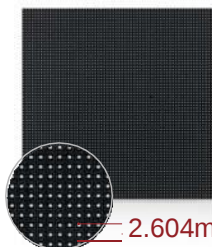
The cabinet weight is 25KG/SQ.M, depth is 55mm. With interlocking mechanism and quick release power & data connectors for installation, magnetic tool for service, we make it straightforward and easy to use.

## All Resolutions

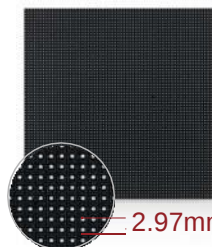
The pixel pitch covers 1.95mm, 2.604mm, 2.97mm, 3.91mm, which can satisfy all the requirements on mid-high resolutions.



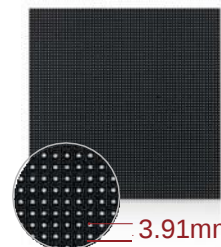
1.95mm



2.604mm



2.97mm



3.91mm

# Specification

|                                |                                 |                                 |                                 |                                 |
|--------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| Pixel Pitch (Resolution)       | 3.91 mm                         | 2.97 mm                         | 2.604 mm                        | 1.95 mm                         |
| LED Package Type               | SMD                             | SMD                             | SMD                             | SMD                             |
| Pixels Per Sq. Meter (Density) | 65,536                          | 112,896                         | 147,456                         | 262,144                         |
| Module Dimensions              | 250mmx250mm                     | 250mmx250mm                     | 250mmx250mm                     | 250mmx250mm                     |
| Module Matrix                  | 64x64                           | 84x84                           | 96x96                           | 128x128                         |
| Module Weight                  | 0.5KG                           | 0.5KG                           | 0.5KG                           | 0.5KG                           |
| Driving Method                 | 1/32 constant current           | 1/28 constant current           | 1/32 constant current           | 1/32 constant current           |
| Refresh Rate                   | ≥3,840 Hz                       | ≥3,840 Hz                       | ≥3,840 Hz                       | ≥3,840 Hz                       |
| Video Frame Rate               | 60 frames/second                | 60 frames/second                | 60 frames/second                | 60 frames/second                |
| Grayscale                      | 65,536<br>(281 trillion colors) | 65,536<br>(281 trillion colors) | 65,536<br>(281 trillion colors) | 65,536<br>(281 trillion colors) |
| Color Depth                    | 16 bit                          | 16 bit                          | 16 bit                          | 16 bit                          |
| Contrast Ratio                 | 3,000 : 1                       | 3,000 : 1                       | 3,000 : 1                       | 3,000 : 1                       |
| Brightness                     | 800 ~ 1,000 NITS                | 800 ~ 1,000 NITS                | 800 ~ 1,000 NITS                | 800 ~ 1,000 NITS                |
| Brightness Control             | 256 levels                      | 256 levels                      | 256 levels                      | 256 levels                      |
| Ideal Viewing Range            | 4m or greater                   | 3m or greater                   | 2.5m or greater                 | 2m or greater                   |
| Ideal Viewing Angle            | 160°(H) / 120°(V)               | 160°(H) / 120°(V)               | 160°(H) / 120°(V)               | 160°(H) / 120°(V)               |
| Max. Power Consumption         | 700W/m <sup>2</sup>             | 700W/m <sup>2</sup>             | 750W/m <sup>2</sup>             | 750W/m <sup>2</sup>             |
| Avg. Power Consumption         | 230W/m <sup>2</sup>             | 230W/m <sup>2</sup>             | 250W/m <sup>2</sup>             | 250W/m <sup>2</sup>             |
| Input Voltage                  | 88 ~ 264VAC                     | 88 ~ 264VAC                     | 88 ~ 264VAC                     | 88 ~ 264VAC                     |
| Operating Temperature          | -20 °C - +50 °C                 | -20 °C - +50 °C                 | -20 °C - +50 °C                 | -20 °C - +50 °C                 |
| MTBF                           | >5,000 hours                    | >5,000 hours                    | >5,000 hours                    | >5,000 hours                    |
| LED Life - Span                | 100,000 hours                   | 100,000 hours                   | 100,000 hours                   | 100,000 hours                   |
| Cabinet Size                   | 1000mmx250mm                    | 1000mmx250mm                    | 1000mmx250mm                    | 1000mmx250mm                    |
| Cabinet Material               | Die-casting Aluminum            | Die-casting Aluminum            | Die-casting Aluminum            | Die-casting Aluminum            |
| Cabinet Weight                 | 8 KG                            | 8 KG                            | 8 KG                            | 8 KG                            |



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