



## XOMFE SERIES OUTDOOR LED DISPLAY

The XOMFE series outdoor LED solutions are ideal for billboards, stadium displays, and large-scale LED walls. These ultra-reliable modules deliver high brightness and low power consumption, featuring IP66 weatherproofing to ensure outstanding performance in any climate. The cable-less design and both front and rear access make maintenance quick and easy.

### Highlights



#### Bright and Vivid Clarity

Key components (power supply, mask, locker, screws, and pins) are inter-coating salt spray tested to resist corrosion, while surface maintains color uniformity without fading—ensuring superior durability and aesthetics in harsh conditions.



#### Fanless Thermal Reliability

The display's finned aluminum base design significantly enhances heat dissipation, enabling fan-less operation without requiring air conditioning. Meanwhile, the hard-wired connection further improves system reliability.



#### Salt Spray Test Durability

The display offers five cabinet size options with a streamlined design that reduces thickness by  $\geq 13\%$ , enabling single-person maintenance through lightweight construction.



#### Energy-Saving Operation

With 25% lower power consumption than the previous generation, the display's ultra-efficient design delivers substantial operational cost savings.



#### Dual-Access Outdoor Deployment

Engineered for demanding outdoor environments like stadium ribbon displays and digital billboards, the XOMFE series enables both front and rear access, significantly enhancing installation versatility and field maintenance efficiency.



#### IP66 Durability and Reliability

The display blocks sand, dust and floating particles completely, resists extreme weather conditions such as torrential rain and ensures reliable 24/7 operation while significantly reducing maintenance costs.



## Specifications

### XOM066FE

|                                     |  |
|-------------------------------------|--|
| Pixel Pitch                         | 6.67 mm  |
| Pixel Configuration                 | SMD2727  |
| Module Resolution (W x H)           | 72 x 48  |
| Module Dimension (W x H)            | 480 x 320 mm / 18.9 x 12.6 inch  |
| Cabinet Resolution (W x H)          | 144 x 96 / 144 x 144 / 144 x 192 / 216 x 96 / 216 x 144  |
| Cabinet Dimension (WxHxD)           | 960 x 640 x 89 mm / 37.80 x 25.20 x 3.50 inch<br>960 x 960 x 89 mm / 37.80 x 37.80 x 3.50 inch<br>960 x 1280 x 89 mm / 37.80 x 50.39 x 3.50 inch<br>1,440 x 640 x 89 mm / 56.69 x 25.20 x 3.50 inch<br>1,440 x 960 x 89 mm / 56.69 x 37.80 x 3.50 inch |
| No. of Modules per Cabinet (WxH)    | 2 x 2 / 2 x 3 / 2 x 4 / 3 x 2 / 3 x 3  |
| Cabinet Weight                      | 20 kg / 44.09 lbs<br>27.5 kg / 60.63 lbs<br>38 kg / 83.78 lbs<br>30 kg / 66.14 lbs<br>43 kg / 94.80 lbs  |
| Cabinet materials                   | Profile Aluminium  |
| Brightness                          | 8,000 nits (typ.) / 10,000 nits (customizable)   |
| Contrast Ratio                      | 6,000:1 @standard <sup>1</sup> / 8,000:1 @professional <sup>2</sup>  |
| Visual Viewing Angle (H x V)        | 160° x 120° @standard <sup>1</sup> / 160° x 110° @professional <sup>2</sup>  |
| Bit Depth                           | 14 bit (14~16 bit customisable)  |
| Colour Temperature                  | 6,500K ± 500K  |
| Max Power Consumption per Unit Area | 580 W/m <sup>2</sup> @8,000nits<br>440 W/m <sup>2</sup> @6,000nits   |
| Avg Power Consumption per Unit Area | 175 W/m <sup>2</sup>   |
| Power Supply                        | 100~240 V AC   |
| Refresh Rate                        | 3,840 (7,680 Customizable)   |
| Operating Temp / Humidity           | -40~55°C / 10~90% RH   |
| Storage Temp / Humidity             | -40~60°C / 10~80% RH   |
| IP Rating                           | Front IP66 & Rear IP66   |
| Lifetime                            | 100,000 Hrs  |
| Certification                       | CE, CB, FCC, cTUVus  |
| Maintenance                         | Front & Rear Access  |

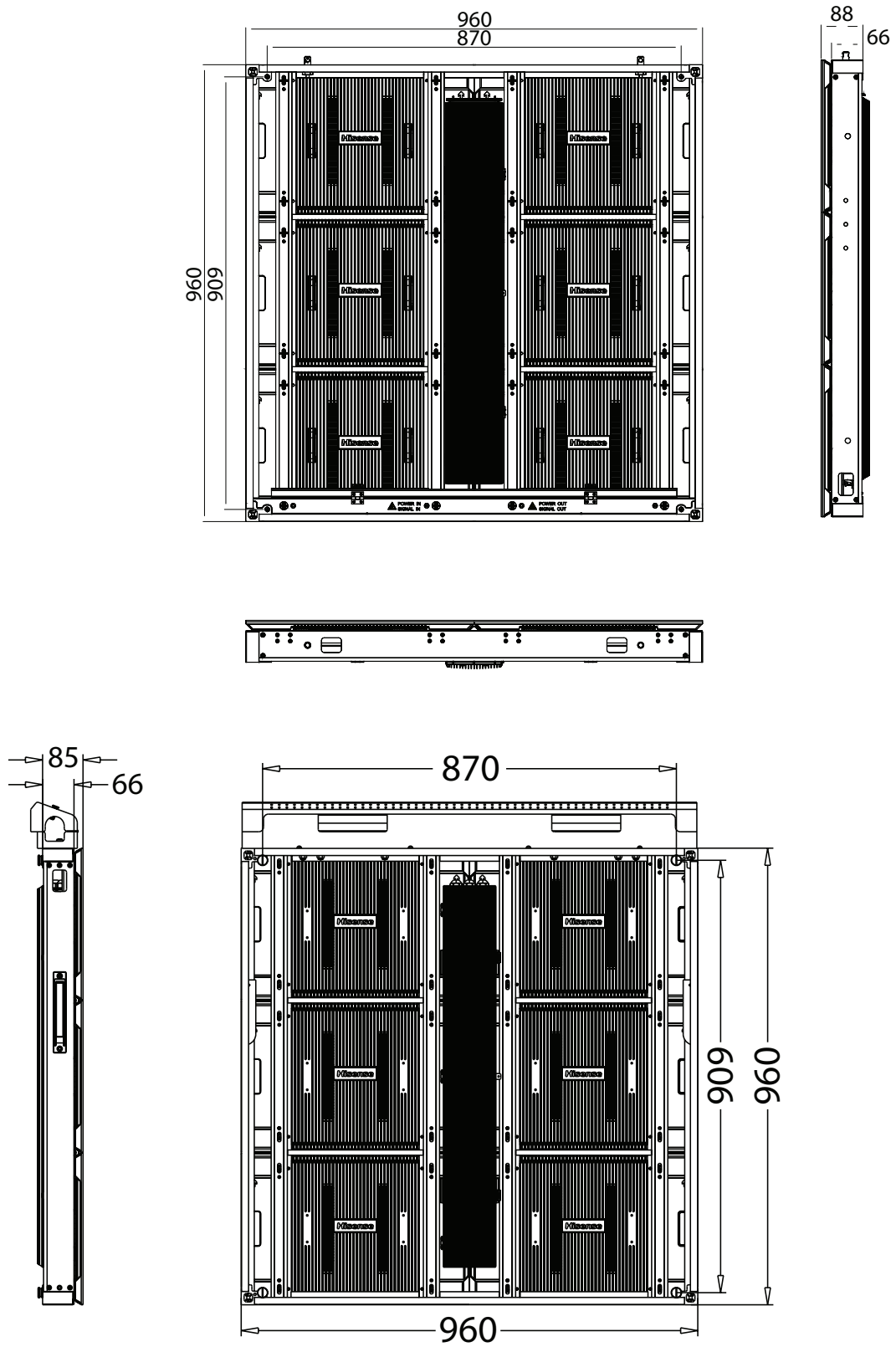
1. Suitable for general applications, offering a wider viewing angle and standard contrast.

2. Depending on the chosen configuration, it provides higher contrast but the vertical viewing angle is adjusted, ideal for professional environments requiring higher contrast, such as sports venues.

\* According to the current Hisense test environment

\*\* Product specifications may vary per region, and specifications are subject to change. This material may include corporate names and trademarks of third parties which are the properties of the third parties respectively.

## Display Dimensions



### Ribbon Display

1. Suitable for general applications, offering a wider viewing angle and standard contrast.
2. Depending on the chosen configuration, it provides higher contrast but the vertical viewing angle is adjusted, ideal for professional environments requiring higher contrast, such as sports venues.

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