



Leyard Europe LA Series

Outdoor LED Video Wall Displays

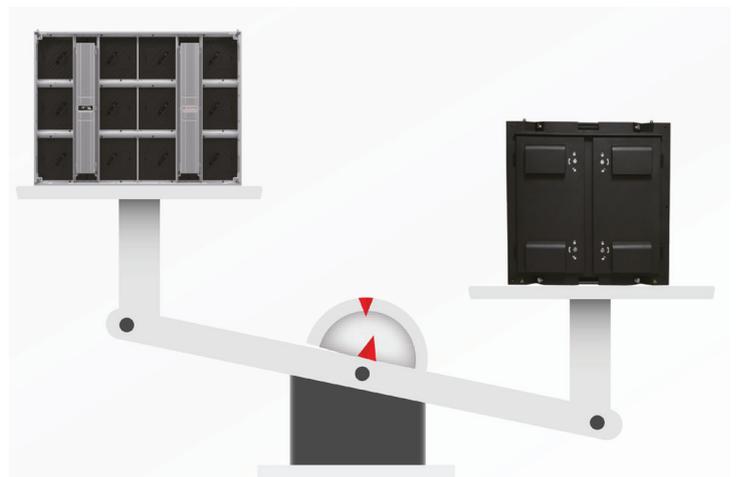
- ▶ *4, 6, and 10mm pixel pitch*
- ▶ *Up to 7,500 nit brightness*
- ▶ *IP65 outdoor protection rating*
- ▶ *Front and rear installation and service*
- ▶ *Ultra-slim and ultra-light*
- ▶ *Efficient power consumption*



The Leyard LA Series is the latest generation of Leyard's fixed outdoor LED cabinets. The video wall displays in this series utilize a new aluminium profile that allows for an ultra-lightweight and ultra-slim cabinet structure. The Leyard LA series are a perfect fit for large scale outdoor displays used in sports venues and DOOH.

Ultra-Slim and Ultra-Light

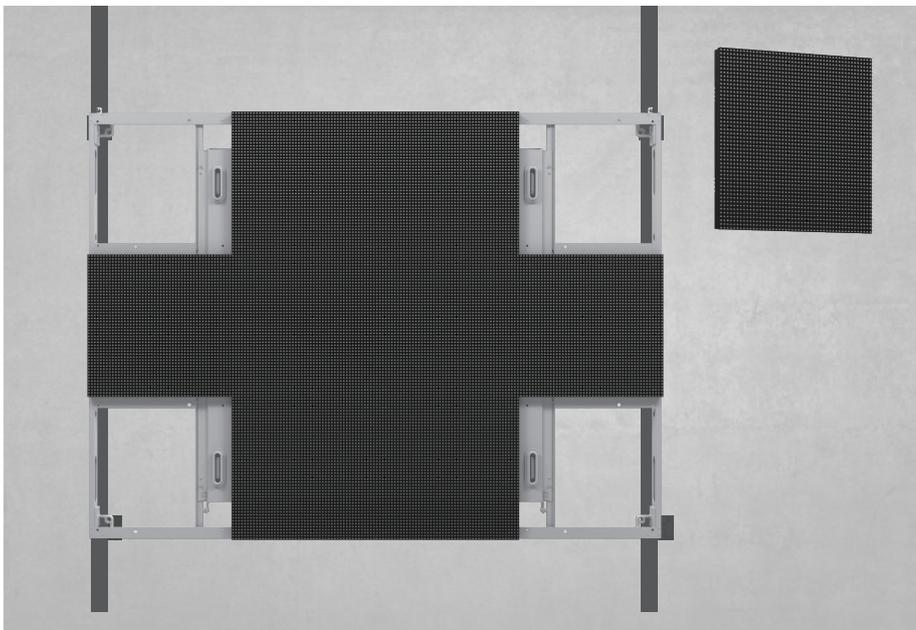
Compared with traditional fixed LED displays, the aluminium panel is of excellent precision and hardness, enabling a 54% reduction in thickness and 42% reduction in weight. As a result the cabinet weight is only 28kg/m². This greatly improves the installation and impact on the construction and fixation needs.





100% Front or Back Maintenance

The LED modules can be released from the front and removed both from the front or backside. The power control box is designed for quick, easy and efficient maintenance compared to the traditional multi-door designs. It also improves the flexibility and speed of serviceability.



Front Side Installation

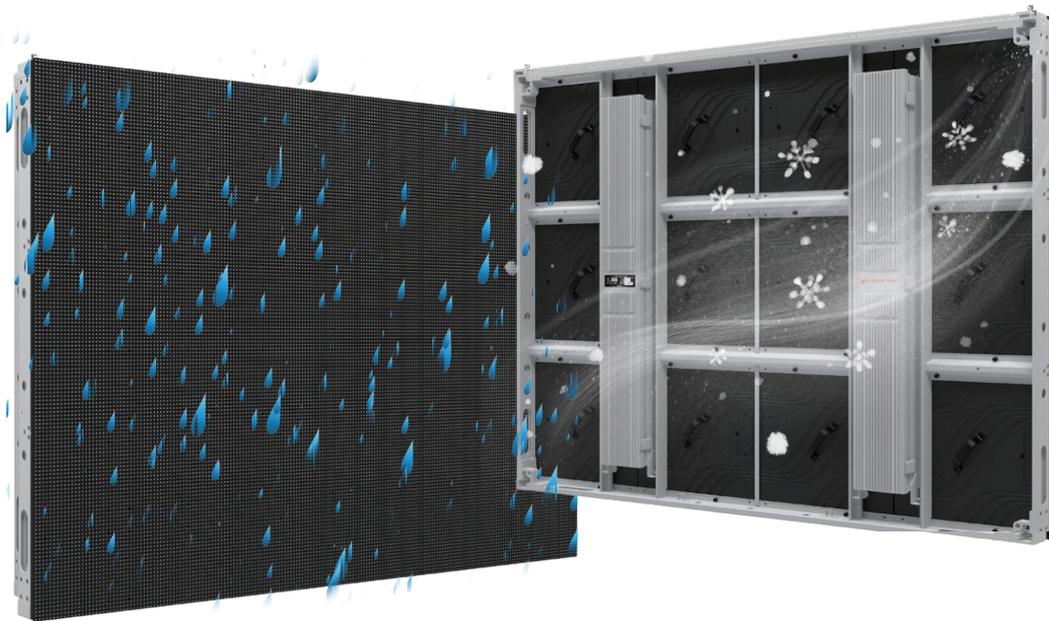
The LA Series displays can be mounted close to the wall to save space and fit into a variety of installation environments.

High Brightness

These high-brightness outdoor displays ensure vivid and clear image quality even in bright sunlight and are suitable for day and night use.



- Brightness up to 7500nits
- Lower power consumption. E.g. LA10S: requires 25% less power compared with traditional cabinets; the average power is only 265W/m².

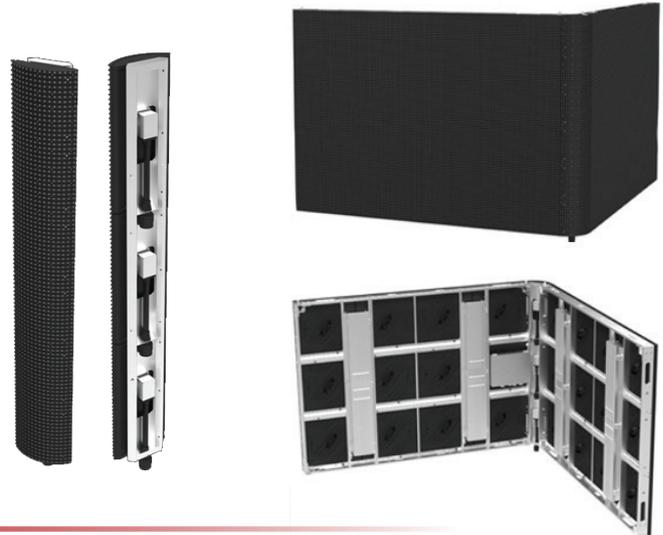


Weatherproof

- Low temperature resistant design, operating temperature is -30° to 60°C.
- No need for any additional fans, which reduces operating costs.
- Full waterproof protection, both cabinet and module are water resistant. Full IP65 waterproof rating front and back side.

Corner Installation

For those installations that require a corner, such as for example a naked-eye 3D wall. We have optionally available a dedicated corner cabinet. This ensure a seamless 90° corner. With no gap or black line visible there is no interruption in the image and a true seamless solution can be created.



Specifications

Model	LA04S	LA06S	LA10S
Pixel Configuration	SMD	SMD	SMD
Physical Pixel Pitch (mm)	4.44	6.67	10
Module Resolution (W×H)	72×72	48×48	32×32
Module Dimension (W×H, mm)	320×320	320×320	320×320
Module Composition (W×H)	Standard: 4×3	Standard: 4×3	Standard: 4×3
Cabinet Resolution (W×H)	288×216	192×144	128×96
Cabinet Dimension (W×H×D, mm)	Standard: 1280×960×71 mm (Optional: 1280×640×71 mm / 960×960×71 mm / 960×640×71 mm / 640×960×71 mm / 640×640×71 mm)		
Cabinet Area (m ²)	Standard: 1.2288		
Weight (kg/cabinet; kg/m ²)	35; 28	35; 28	35; 28
Pixel Density (Point/m ²)	50625	22500	10000
IP Level	IP65 Front/Rear	IP65 Front/Rear	IP65 Front/Rear
Brightness (nits)	6000	7500	7500
Colour Temperature (K)	3000-10000	3000-10000	3000-10000
Viewing Angle (horiz; vert) °	150; 110	150; 110	150; 110
Deviation of LED Luminance Center (after calibration)	<3%	<3%	<3%
Contrast Ratio	6000:1	6000:1	6000:1
Power Consumption(max; avg)/m ²	720W; 240W	790W; 265W	790W; 265W
Input Voltage (V)	AC100~240V (50-60Hz)	AC100~240V (50-60Hz)	AC100~240V (50-60Hz)
Installation	Front/Rear	Front/Rear	Front/Rear
Maintenance	Front/Rear access	Front/Rear access	Front/Rear access
Refresh Rate @60Hz	≥3840	≥3840	≥3840
Frame Rate Processing (Hz)	50 & 60	50 & 60	50 & 60
Operation Temperature (°C)	-30 to 60	-30 to 60	-30 to 60
Storage Temperature (°C)	-40 to 60	-40 to 60	-40 to 60
Operation Humidity (RH)	10 - 90%	10 - 90%	10 - 90%
Storage Humidity (RH)	10 - 80%	10 - 80%	10 - 80%