

AirWAVE

Realise Your Unlimited Creativity

The Ace of Creative Display for Stage
Superior Colour Performance
Back Serviceable
Horizontal Curve, Vertical Curve and Cylindrical Possibilities



Fully Articulated Flexible Panels

- AirWAVE can form creative convex, concave and cylindrical shapes.
- Each panel can flex by 20°, convex or concave.
- 18 panels required to produce the smallest cylinder with radius of 1.43m.
- Back serviceable.



Superior Colour Performance

- Excellent grayscale level.
- Deep black levels.
- Phenomenal contrast ratio.
- High fidelity brilliant colours.

Ultra Slim, Ultra Light

- Modular design standard panel size of 500 mm x 500 mm.
- Panel depth is ultra slim at 70 mm.
- Weight of 8.0 kg/panel.



AirWAVE / Specifications

	AirWAVE-2P	AirWAVE-3X	AirWAVE-3
Physical Pitch	2.9 mm	3.2 mm	3.9 mm
Pixel Configuration	SMD	SMD	SMD
Pixel Density	118,336 pixels/m ² 28,224 pixels/panel	97,344 pixels/m ² 24,336 pixels/panel	65,536 pixels/m ² 16,384 pixels/panel
LED Module Dimensions (mm)	500 × 125	500 × 125	500 × 125
Panel Dimensions (W × H × D) (mm)	500 × 500 × 70	500 × 500 × 70	500 × 500 × 70
No. of Modules Per Panel (W × H)	1 × 4	1 × 4	1 × 4
Physical Resolution of Module (W × H)	168 × 42	156 × 39	128 × 32
Physical Resolution of Panel (W × H)	168 × 168	156 × 156	128 × 128
Weight Per Panel	8 kg/panel	8 kg/panel	8 kg/panel
Weight Per m ²	32 kg/m ²	32 kg/m ²	32 kg/m ²
Processing	16 bit	16 bit	16 bit
Colours	281 trillion	281 trillion	281 trillion
Contrast Ratio	4,000 : 1	4,000 : 1	4,000 : 1
Average Power Consumption	42 - 70 w/panel	42 - 70 w/panel	42 - 70 w/panel
Max Power Consumption	140 w/panel	140 w/panel	140 w/panel
Operating Temp/Humidity	-10 - 40 °C/ 10% - 60%	-10 - 40 °C/ 10% - 60%	-10 - 40 °C/ 10% - 60%
Storage Temp/Humidity	-30 - 60 °C/ 10% - 60%	-30 - 60 °C/ 10% - 60%	-30 - 60 °C/ 10% - 60%
Brightness	1,000 - 1,200 nits	1,000 - 1,200 nits	1,000 - 1,200 nits
Refresh Rate	1,920 - 3,840 Hz	1,920 - 3,840 Hz	1,920 - 3,840 Hz
Horizontal Viewing Angle	140°	140°	140°
Vertical Viewing Angle	120°	120°	120°
Expected LED Lifetime (Max)	100,000 Hrs	100,000 Hrs	100,000 Hrs
Curve Angle	-20° ~ +20 °	-20° ~ +20 °	-20° ~ +20 °
Max Stacking	16 panels	16 panels	16 panels
Max Hanging	16 panels	16 panels	16 panels
Servicing	Back	Back	Back
IP Rating	IP 30	IP 30	IP 30
Certification	CE, RoHS, EMC ClassA	CE, RoHS, EMC ClassA	CE, RoHS, EMC ClassA

*The specification will be different based on different configuration.
Remark: Just for reference. If any request, welcome to contact us. The final interpretation belongs to
ShenZhen CreateLED Electronics Co., Ltd.

Typical Applications

- Car show

➤ Shopping mall

➤ Opera house

➤ Theme resort
- Reception hall

➤ Fashion store / show

➤ Theatre stage design

➤ Wedding
- Window display

➤ Railway station

➤ Airport

➤ Stadium