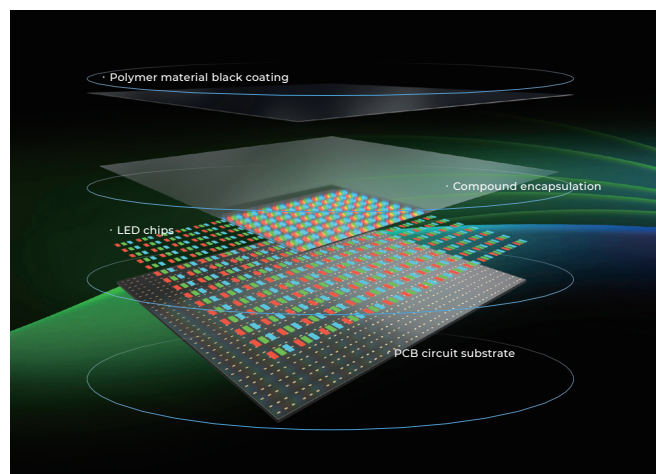# XL Series
XL1.5 / XL1.8

◀ MicroLED Technology

- The series employs a micron-scale flip-chip configuration with multi-layer surface encapsulation, achieving a 10000:1 contrast ratio and comprehensive image quality optimization.

- By suppressing moiré and reducing granularity, the XL series achieves enhanced performance and exceptional sharpness.

◀ Energy-Saving Technology

- Embracing our 'Absen Green' initiatives, the innovative technology delivers up to 40% higher energy efficiency compared to conventional SMD products, advancing green and low-carbon initiatives for a sustainable future.

◀ 360° Protection

- Engineered with Micro LED technology, the XL series offers 360° multi-angle shielding against physical shocks and environmental stressors, guaranteeing unyielding protection coverage for sensitive components.
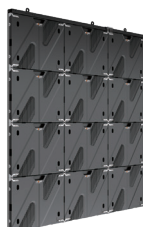

◀ Multi-Installation

- Supports diverse installation, flexible for various scenarios
- Wall-mounting solution enables a thickness of less than 80mm while maximizes space utilization
- Ultra-thin trim pieces design solutions for enhance appearance and esthetic feeling

| Wall-mounted installation | Hanging installation | Stacking installation | Ultra-thin trim pieces |

◀ Product Specification

Parameters	XL1.5	XL1.8
LED type	Flip-chip RGB	Flip-chip RGB
Pixel pitch	1.53	1.86
Panel dimensions (W*H*D, mm)	640x480x60mm(25.20x18.90x2.36")	640x480x60mm(25.20x18.90x2.36")
Pixel Per Panel	416x312	344x258
Panel Weight (kg)	7.5kg(16.53lbs)	7.5kg(16.53lbs)
Brightness (nit)	600	600
Refresh rate (Hz)	3840	3840
Grayscale (bit)	15 (Internal processing)	15 (Internal processing)
Contrast ratio	10000:1	10000:1
Color temperature (K)	6500	6500
Viewing angle (H/V, °)	160/160	160/160
AC operating voltage (V)	100~240	100~240
Power consumption (max./avg., W/m^2)	290/97	310/104
IP Rating (Front/Rear)	IP40/IP21	IP40/IP21
Certification	FCC, CE, CCC, UKCA	FCC, CE, CCC, UKCA

Note:
It is normal for the power consumption to fluctuate within ±15% due to the influence of the brightness of different batches of lamps. Please refer to the actual situation.