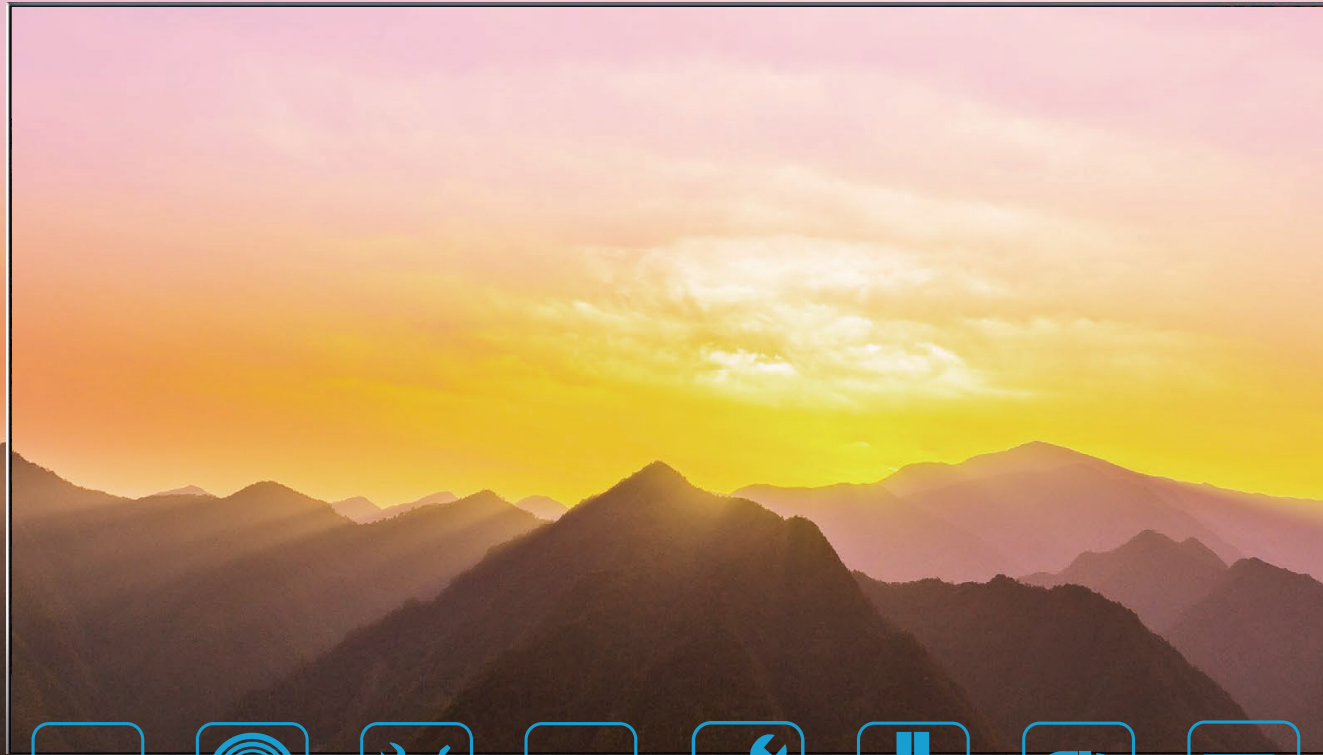




Indoor Fixed Series

640 × 480mm



HD



High
Grayscale



Quick
Installation



Super wide
Viewing Angle



Easy To
Maintain



Seamless
Stitching



Magnetic
Adsorption



Low Power
Consumption

• **HD Display**

• **Wide Angle Of View**

• **Energy Efficient**

• **Easy Maintenance**

• **High Reliability**

• **Silent Operation**

Pixel Pitch : P1.25mm、P1.538mm、P1.667mm、P1.839mm、P1.86mm、P2mm、P2.5mm

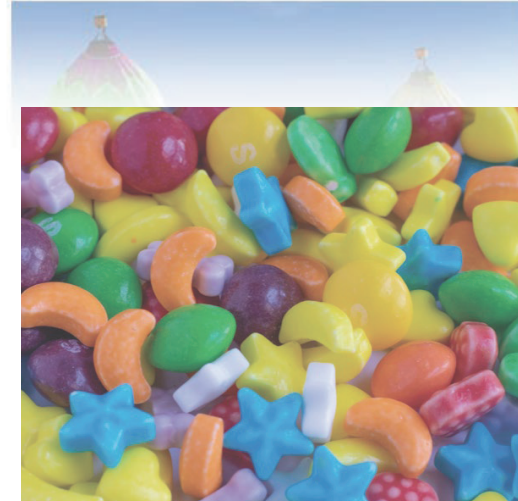


Full black light, 5000:1 high contrast ratio, more vivid pictures, richer colors, bringing a new visual experience, high consistency, no dead spots and no color cast.

The display adopts SMD package lamp, high refresh, high gray scale, Constant current drive, wider color gamut, better effect.



High Contrast



low Contrast

- Full black lamps, high contrast ratio, more vivid picture, richer colours, High consistency, no dead angle and no colour deviation.
- Eliminate residual image circuit design, dynamic without ghosting and trailing.

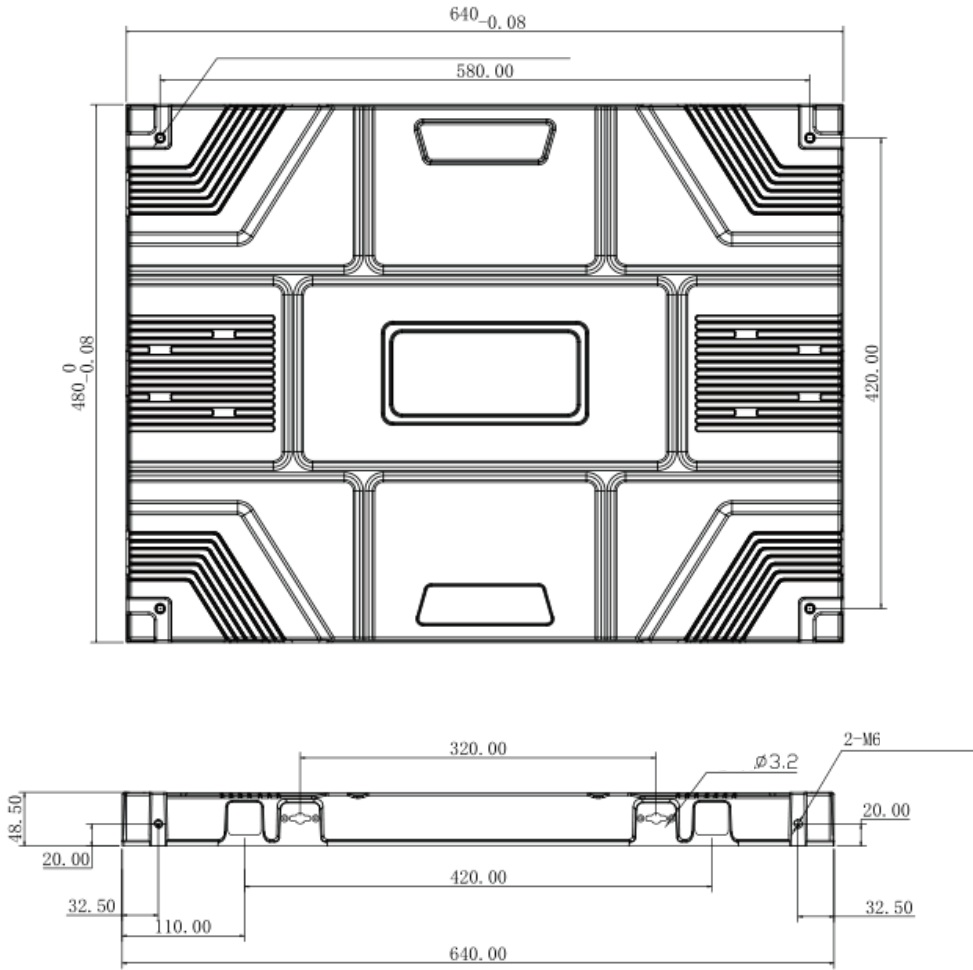


03

Energy Efficient



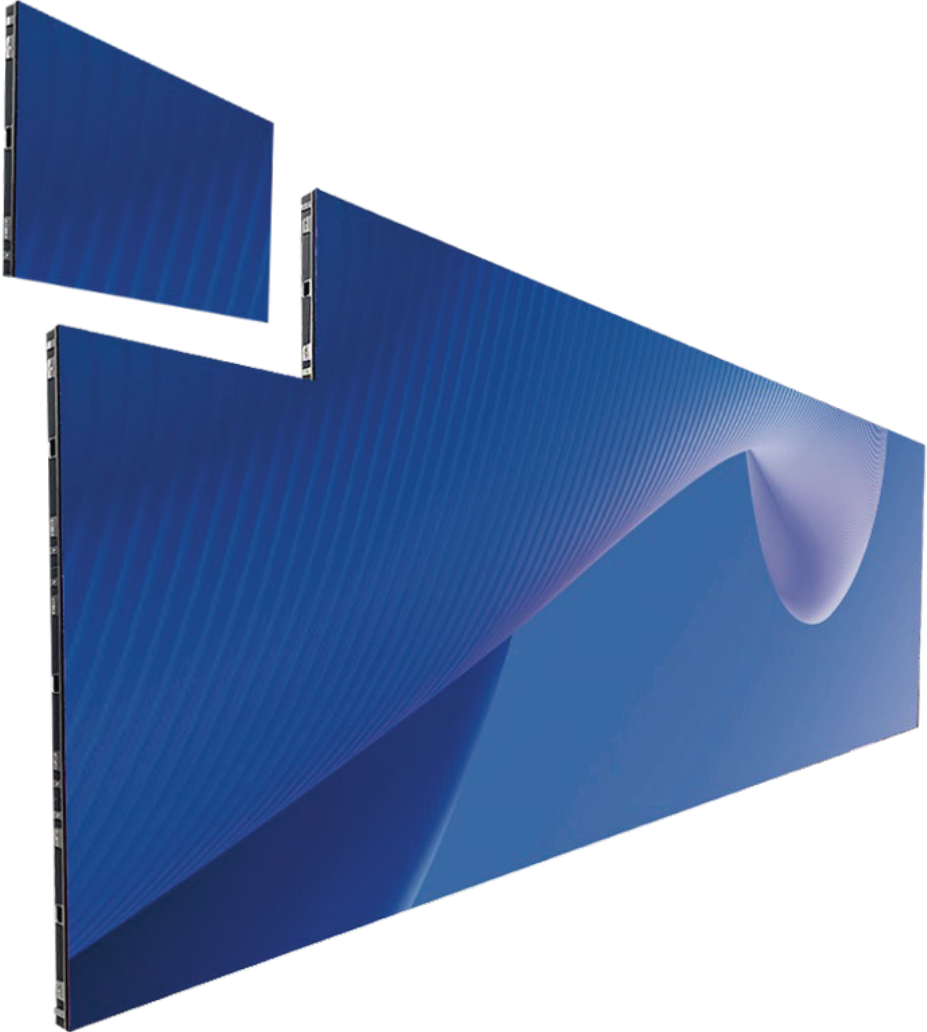
- Supports full front maintenance, more convenient installation and maintenance.



04

Easy Maintenance

- Allow single point of brightness, chroma correction, to solve the problem of bright colour inconsistency.



05

High Reliability

- Redundant power supply design, dual signal input and output, automatically detecting the failure and switch, ensure the whole system's stability and reliability.



06

Silent Operation

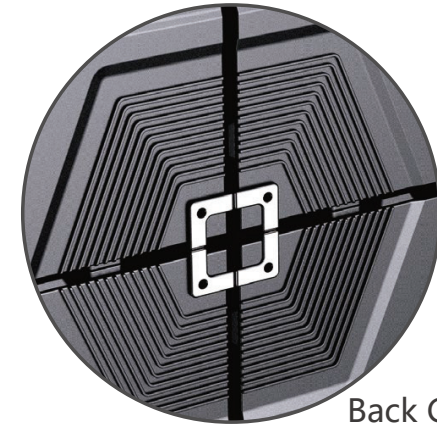
- Adopt die-cast aluminum natural cooling fanless design,
The working noise is greatly reduced to below 40dB,
Provides a quiet environment and comfortable viewing experience.



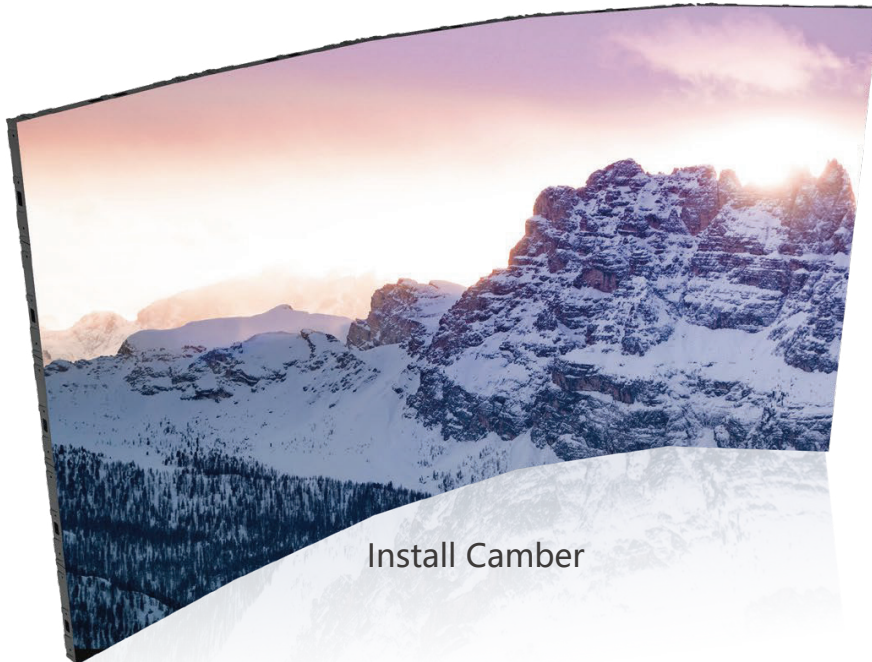
07

Installation Method

- Supports various installation methods such as wall mounted, stacking installation.



Back Connections



Install Camber



Flat Mount

Technical parameter: (T=25°C)
Basic Parameter

Pixel Pitch	1.25mm	1.538mm	1.667mm	1.839mm
Pixel Structure	1R1G1B	1R1G1B	1R1G1B	1R1G1B
Pixel Density	640000/m ²	422753/m ²	359856/m ²	295664/m ²
Module Resolution	256X128	208X104	192X96	174X87
Module Size (WXH)	320X160mm	320X160mm	320X160mm	320X160mm

Optical Parameter

Single Point Brightness	support	support	support	support
Chroma Correction	support	support	support	support
White Balance Brightness	≥600cd/m ²	≥600cd/m ²	≥600cd/m ²	≥600cd/m ²
Color Temperature	2000K—12500K Adjustable	2000K—12500K Adjustable	2000K—12500K Adjustable	2000K—12500K Adjustable
Horizontal Viewing Angle	≥140°	≥140°	≥140°	≥140°
Vertical Viewing Angle	≥120°	≥120°	≥120°	≥120°
Visible Distance	≥3m	≥3m	≥3m	≥3m
Brightness Uniformity	≥97%	≥97%	≥97%	≥97%
Contrast Ratio	≥5000:1	≥5000:1	≥5000:1	≥5000:1

Process Performance

Signal processing bits	16bits*3	16bits*3	16bits*3	16bits*3
Gray scale	12-14Bit	12-14Bit	12-14Bit	12-14Bit
Control Distance	Cable100 m,Optical Fiber 10km	Cable100 m,Optical Fiber 10km	Cable100 m,Optical Fiber 10km	Cable100 m,Optical Fiber 10km
Drive Mode	constant current source driver	constant current source driver	constant current source driver	constant current source driver
Frame Rate	≥60HZ	≥60HZ	≥60HZ	≥60HZ
Refresh Rate	≥3840HZ	≥3840HZ	≥3840HZ	≥3840HZ
Way to Control	Synchronize	Synchronize	Synchronize	Synchronize
Brightness Adjustment Range	Brightness Adjustment Range	Brightness Adjustment Range	Brightness Adjustment Range	Brightness Adjustment Range

Usage Parameter

Continuous Operation Time	≥72hours	≥72hours	≥72hours	≥72hours
Expected LED Lifetime(Max)	100, 000 hours	50, 000 hours	50, 000 hours	50, 000 hours
IP Rating	IP20	IP20	IP20	IP20
Operating Temperature	-20 °Cto 50 °C	-20 °C to 50 °C	-20 °C to 50 °C	-20 °C to 50 °C
Operating Humidity	10 %- 80% RH No Condensation	10 %- 80% RH No Condensation	10 %- 80% RH No Condensation	10 %- 80% RH No Condensation
Storage Temperature	-20 °C to 60 °C	-20 °C to 60 °C	-20 °C to 60 °C	-20 °C to 60 °C

Electrical Parameter

Operating Voltage	DC 4.2-5V	DC 4.2-5V	DC 4.2-5V	DC 4.2-5V
Power Requirements	AC :220× (1±10%) V、 50× (1±5%) Hz	AC :220× (1±10%) V、 50× (1±5%) Hz	AC :220× (1±10%) V、 50× (1±5%) Hz	AC :220× (1±10%) V、 50× (1±5%) Hz
Maximum power consumption	680W/m ²	680W/m ²	680W/m ²	680W/m ²
Average power consumption	270W/m ²	270W/m ²	270W/m ²	270W/m ²

Technical parameter: (T=25°C)
Basic Parameter

Pixel Pitch	1.86mm	2mm	2.5mm
Pixel Structure	1R1G1B	1R1G1B	1R1G1B
Pixel Density	288906m ²	250000/m ²	160000/m ²
Module Resolution	172X86	160X80	128X64
Module Size (WXH)	320X160mm	320X160mm	320X160mm

Optical Parameter

Single Point Brightness	support	support	support
Chroma Correction	support	support	support
White Balance Brightness	≥600cd/m ²	≥600cd/m ²	≥600cd/m ²
Color Temperature	2000K—12500K Adjustable	2000K—12500K Adjustable	2000K—12500K Adjustable
Horizontal Viewing Angle	≥140°	≥140°	≥140°
Vertical Viewing Angle	≥120°	≥120°	≥120°
Visible Distance	≥3m	≥3m	≥3m
Brightness Uniformity	≥97%	≥97%	≥97%
Contrast Ratio	≥5000:1	≥5000:1	≥5000:1

Process Performance

Signal processing bits	16bits*3	16bits*3	16bits*3
Gray scale	12-14Bit	12-14Bit	12-14Bit
Control Distance	Cable100 m,Optical Fiber 10km	Cable100 m,Optical Fiber 10km	Cable100 m,Optical Fiber 10km
Drive Mode	constant current source driver	constant current source driver	constant current source driver
Frame Rate	≥60HZ	≥60HZ	≥60HZ
Refresh Rate	≥3840HZ	≥3840HZ	≥3840HZ
Way to Control	Synchronize	Synchronize	Synchronize
Brightness Adjustment Range	Brightness Adjustment Range	Brightness Adjustment Range	Brightness Adjustment Range

Usage Parameter

Continuous Operation Time	≥72hours	≥72hours	≥72hours
Expected LED Lifetime(Max)	100, 000 hours	50, 000 hours	50, 000 hours
IP Rating	IP20	IP20	IP20
Operating Temperature	-20 °C to 50 °C	-20 °C to 50 °C	-20 °C to 50 °C
Operating Humidity	10 %- 80% RH No Condensation	10 %- 80% RH No Condensation	10 %- 80% RH No Condensation
Storage Temperature	-20 °C to 60 °C	-20 °C to 60 °C	-20 °C to 60 °C

Electrical Parameter

Operating Voltage	DC 4.2-5V	DC 4.2-5V	DC 4.2-5V
Power Requirements	AC:220× (1±10%) V、 50× (1±5%) Hz	AC:220× (1±10%) V、 50× (1±5%) Hz	AC:220× (1±10%) V、 50× (1±5%) Hz
Maximum power consumption	680W/m ²	680W/m ²	680W/m ²
Average power consumption	270W/m ²	270W/m ²	270W/m ²