

Flexible Lighting · Quick Maintenance



Support Multi-directional Lighting

Used as ceiling and facade led, customers can flexibly choose the solutions to meet their needs.

Specifications

Model	SW5.7C
Pixel Pitch	5.76
LED Type	RGBW
Pixel Density	30,044 dots/m²
Pixel Configuration	1R 1G 1B 1W
Cabinet Size	W:600 mm, H:1200 mm, Depth:90 mm
Cabinet Resolution	104(W) x 208(H)
Cabinet Weight	14.8KG
Cabinet Material & Color	Magnesium Alloy, Black, Carbon Fibre
Brightness	2,400–6,000 (Over Brightness) nits
Viewing Angle	H:160°±10°; V:160°±10°
MAX Ra	93
Refresh Rate	7,680 Hz
Contrast Ratio	6,000:1
Input Voltage	100–240V,50/60Hz
Max Power	135–300 W/Cabinet; 188–417 W/m²
Average Power	54–98 W/Cabinet; 78–132 W/m²
IP Rating	Indoor
Maintenance	Rear&Front
Lifespan	100,000 Hours
Operating Environment	Temperature: –20°C–50°C; Humidity: 10%–90%RH No Condensation

*The specifications are for reference, actual parameter may vary based on the special model or contract.

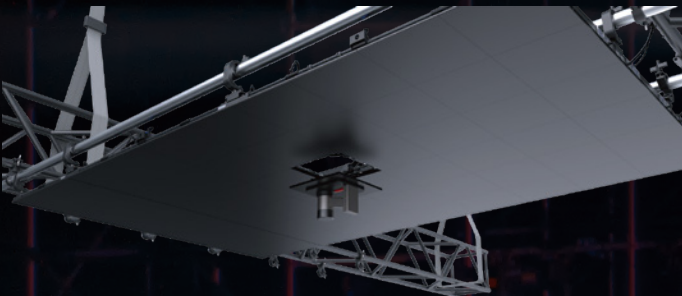
SW (RGBW) Series

Approaching Natural Colors, As Live-action Flming



Magnetic Front Maintenance

The product modules can be disassembled using magnetic tools, enabling convenient maintenance, including power and frame components.



Application Fields



Film&TV



Playlet



TVC Advertisement

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RGBW



Ceiling Installation

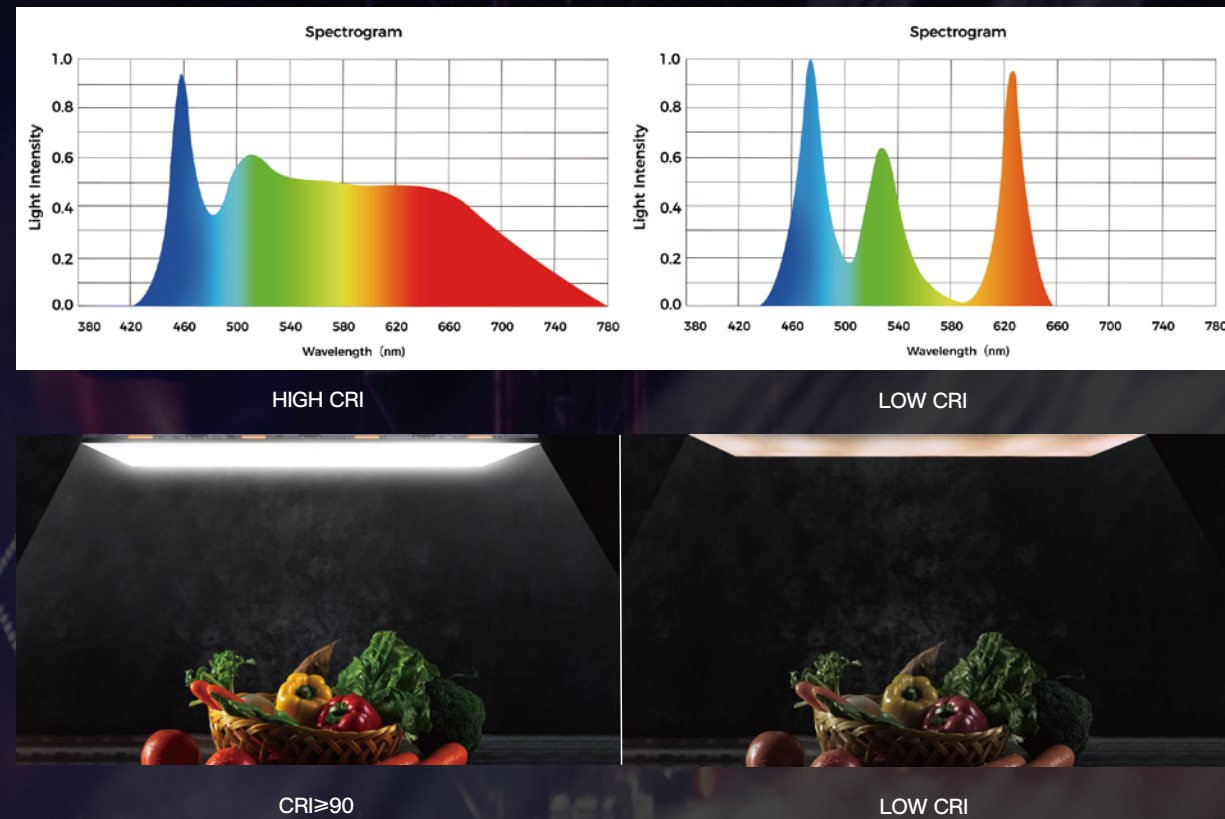


Full Viewing Angle



Breathable and Lightproof

Two-Mode for Virtual Production, Approaching Natural Light



Highly Restoring True-Colors

The RGBW series displays screen use a special “RGBW – Red&Green&Blue&White” technology, making the CRI and TLCI ≥ 90, and approaching natural and realistic shooting scenes.



Lighting Mode & RGBW Mode

AOTO develops RGBW series display screen, which can be used as ceiling led and facade led in virtual production. According to the scene needs, it can change modes between lighting and RGBW to perfect the image quality and visual effect.

Ceiling Screen Breaks Heat Dome



Breathable and Lightproof

AOTO's self-developed breathable SW ceiling screen optimizes the internal topology to achieve high-efficiency heat dissipation, completely resolving heat accumulation in virtual production. Integrated with light-blocking composite materials, it prevents light leakage from interfering with the image, significantly enhancing image purity and shooting quality.

Ultimate Visual Impact



Unique 360°Full-viewing Technology

AOTO has developed a unique full-viewing LED technology that can make a 360° all-round display, and maintain the consistency of display quality and color to achieve a color-free viewing effect. This technology solves the key problem of virtual production caused by color bias in the shooting process, and make it have more possibilities.