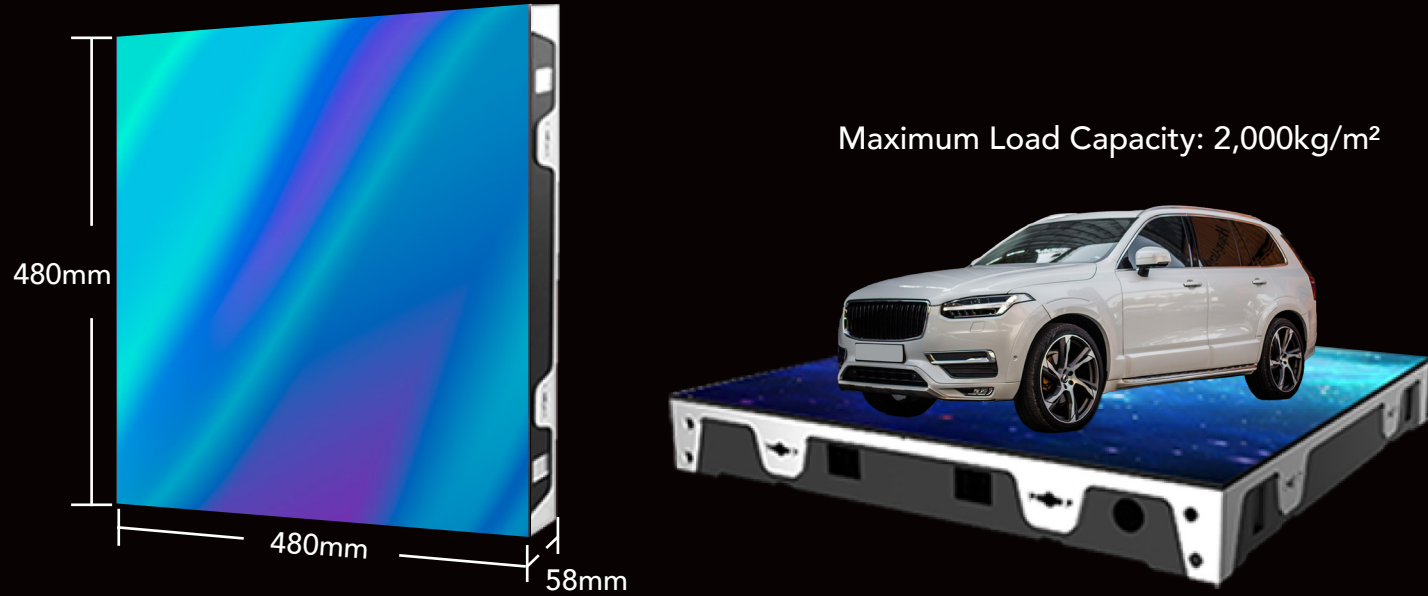


CLEARLED : SKYPANEL HD/HD FLOOR



INTRODUCTION

With unique LED surface treatment technology, SkyPanel HD/HD Floor Series boasts exceptional resistance to collisions, water, and dust. Featuring patented anti-moire mask technology plus improved contrast and reduced reflection. Ideal for broadcasting and camera applications.



IMMERSIVE XR EXPERIENCE

Whether used as LED walls or floors, SkyPanel HD/HD Floor Series transforms spaces into dynamic environments where virtual and augmented reality converge to deliver unforgettable experiences that captivate and inspire.



DYNAMIC LED FLOOR

The SkyPanel HD Floor revolutionizes LED technology, turning floors into dynamic canvases for captivating visual displays and immersive XR experiences. Ideal for retail, entertainment, and corporate settings. This enhanced functionality with seamless integration offers a unique and unforgettable user experience.



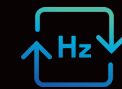
ENHANCED GRAYSCALE PERFORMANCE

The SkyPanel HD Series features patented masking and specialized image processing for superior color rendering, vivid hues, and enhanced detail. It delivers excellent grayscale performance, maintaining clarity even at brightness levels as low as 100 cd/m².



EASY TO INSTALL AND MAINTAIN

All components feature customized wireless connectors, ensuring effortless installation and maintenance. With hot-plug support, the system offers a user friendly experience, simplifying ongoing upkeep and ensuring seamless operation.



HIGH REFRESH RATE DISPLAY

Our display achieves HDR high dynamic fine imaging even at low brightness and high grey, elevating grayscale levels for realistic scenes and vibrant colors. With anti-gamma correction technology, enjoy a high refresh rate of 3840Hz for dynamic color rendition.

SKYPANEL HD/HD FLOOR SERIES | TECH SPECS

MODULE	UNITS	HD				HD FLOOR			
Pixel Pitch	mm	1.25	1.579	1.875	2.5	1.25	1.579	1.875	2.5
Pixel Configuration	/	SMD				SMD			
LED Type	/	SMD 1010	SMD 1010	SMD 1515	SMD 2121	SMD1010	SMD1010	SMD1010	SMD2121
Resolution	pixel	384 x 284	304 x 304	256 x 256	192 x 192	384 x 284	304 x 304	256 x 256	192 x 192
Cabinet Size (W x H x D)	mm	480 x 480 x 58				480 x 480 x 58			
Cabinet Construction	/	Die casting aluminium cabinet				Die casting aluminium cabinet			
Weight	kg/m ²	25				35			
Video Processing	bits	Standard 8 bits, HDR 10 bits				Standard 8 bits, HDR 10 bits			
Brightness	nits	800		1,000	1,200	800		1,000	1,200
Contrast Ratio	/	5,000 : 1				5,000 : 1			
Viewing Angle (H/V)	°	160/160				160/160			
Color Capacity	/	16384 for R,G,B				16384 for R,G,B			
Gray Scale	bits	14				14			
Dimming Capability	%	0 ~100				0 ~ 100			
Color Wavelength	/	R: 610 ~ 630/ G: 520 ~ 545/ B: 460 ~ 480	R: 616 ~ 628/ G: 520 ~ 540/ B: 460 ~ 480	R: 615 ~ 630/ G: 525 ~ 540/ B: 462 ~ 480		R: 610 ~ 630/ G: 520 ~ 545/ B: 460 ~ 480		R: 615 ~ 630/ G: 525 ~ 540/ B: 462 ~ 480	
Color Temperature-Default	k	6,500				6,500			
Color Temperature-Adjustable	k	2,000 ~ 12,000				2,000 ~ 12,000			
Video-Animation Rate	Hz	50 ~ 60				50 ~ 60			
Input Power Range	V	100 - 240				100 - 240			
Power Consumption Max	W/m ²	≤720		≤650		≤720		≤650	
Power Consumption Average	W/m ²	240-325				240-325			
Refresh Rate	Hz	3,840 ~ 7,680				3,840 ~ 7,680			
Power Redundancy	/	Optional				Optional			
Working Temperature	°C	-10 ~ +40				-10 ~ +40			
Cooling	/	Fanless				Fanless			
IP Rating	/	IP 41 front / IP 65 back				IP 54 front / IP 65 back			
LED Lifetime	hours	100,000				100,000			
Monitoring Function	/	No				No			
Service	/	Full Front				Full Front			