ATMOS LED

Stratos Series

The Stratos Series delivers maximum impact for permanent outdoor installations with ultra-high brightness (up to 10,000 nits) and a fully IP65-rated weatherproof design. Whether under direct sunlight or in harsh weather conditions, Stratos ensures crystal-clear visuals and 24/7 reliability. Designed for long-term performance, it's the ideal solution for venues, signage, stadiums, and architectural displays that demand both durability and stunning visual clarity. With Stratos, you're investing in long-lasting performance, minimal maintenance, and maximum audience engagement.

Stratos Series is available in the following pixel pitches:

✕ **4.4mm, 5.7mm, 6.6mm, 8mm, 10mm**

BRILLIANT VISIBILITY

› 5,500–10,000 nits for direct sunlight
› Vivid, seamless visuals with tight panel alignment
› Ideal for high-ambient light environments

BUILT TO LAST

› IP65-rated for year-round outdoor use
› Durable components and efficient thermal design
› Trusted, industry-proven engineering

INSTALLATION-READY

› Designed for permanent outdoor applications
› Sleek, professional appearance
› Engineered for long-term reliability

LOW MAINTENANCE, LOW COST

› Reduced upkeep with robust system design
› Energy-efficient performance to lower operating costs

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Stratos Series Specifications

MODEL	STR4.4	STR5.7	STR6.6	STR8	STR10
Physical Pitch	4.44mm	5.7mm	6.67mm	8mm	10mm
Pixel Configuration	SMD1921	SMD2727	SMD2727	SMD2727	SMD2727
Pixel Density	50625px/m^2	30625px/m^2	22500px/m^2	15625px/m^2	10000px/m^2
Module Dimension (WxH)	480x320mm / 18.89"x12.59"				
Panel Dimension (WxHxD)	960x960x87mm / 37.79"x37.79"x3.42"				
No. of Module/panel (WxH)	2x3	2x3	2x3	2x3	2x3
Module Resolution	108x72px	84x56px	72x48px	60x40px	48x32px
Panel Resolution	216x216px	168x168px	144x144px	120x120px	96x96px
Panel Material	Die-casting Aluminum				
Panel Weight	55.11lbs (25kg)				
Gray Scale	16bit				
Contrast Ratio	4000:1				
Avg. Power Consumption	186w/m^2				
Max. Power Consumption	550w/m^2				
Operating Temp/Humidity	-10°C - 60°C / 10% - 60%				
Storage Temp/Humidity	-30°C - 60°C/ 10% - 60%				
Refresh Rate	3840hz				
Brightness	≥5000nits	≥6000/ 10,000nits	≥5500nits	≥6000nits	≥6000nits
Viewing Angle (H/V)	160°/140°				
Expected Lifetime	100,000hrs				
Max. Stacking/Hanging	10				
Service	Front & Rear				
IP Rating(Front/Rear)	IP66				
Certification	CCC,CE,ETL,RoHS				