

STEEL MGP SERIES

MEDIUM PITCH OUTDOOR

The go-to workhorse for a wide variety of outdoor applications. Features high brightness, making it ideal for cutting through direct sunlight. High temperature durability and corrosion protection for reliable performance in harsh conditions.



APPLICATIONS

- Outdoor Coastal Amphitheaters
- Exterior Cruise Ship & Building Signage
- Outdoor Event Deck Areas & Spaces



OUTDOOR BRIGHTNESS

Provides exceptional brightness ranging from 3,500 up to an ultra-bright 7,000 nits to ensure vivid visibility even under direct sunlight. Combining unmatched durability with stunning visual clarity, it delivers vibrant, high-resolution imagery that cuts through direct sunlight..

STURDY & LIGHTWEIGHT

Die-cast aluminum modules further enhance the overall structural integrity, delivering superior performance in various environments. Offers outstanding flexibility, durability, and ease of maintenance.

SERVICEABILITY & PROTECTION

Total front and rear serviceability simplifies installation and maintenance. Features IP67 marine grade protection, providing robust defense against dust, moisture, saltwater, and UV. The advanced protection of the 5VB fireproof level meets top-tier UL94 standards, with protection levels ranging from 5VB to HB, ensuring the highest level of safety and reliability.

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Specifications

REMARKS

Power consumption tolerance: $\pm 15\%$, according to the actual situation. Pensar LED LLC, reserves the right to modify specifications and parameters without further notice.



Description			
Pixel Pitch (mm)	2.9	3.9	4.8
LED Type	SMD1515	SMD1921	SMD1921
Cabinet Sizes (mm)	500x500, 500x750, 500x1000		
Cabinet Weight (lbs)	39.68 (for 500mm x 1000mm size cabinet)		
Module Resolution	84x84	128x64	104x52
Module Dimension (mm)	250x250	500x250	
Module Weight (kg)	1.0kg	1.85kg	
Brightness (nits)	3,500-4,500	6,500-7,000	4,800-7,000
Gray Scale (bit)	>15		
Refresh Rate	>3840Hz		
Viewing Angle	160Hx100V	160Hx90V	160Hx100V
Operating Voltage	110/240 AC		
Power Average and Max (watt)	195 avg, 700 max		
IP Rating	IP67 (MGP Series)		
Maintenance	Front/Back		
Installation	Outdoor/Fixed		