

MG Series FRONT/REAR

SPECIFICATION

Item	MG012	MG015	MG018	MG025
LED Configuration	SMD	SMD	SMD	SMD
Pixel Pitch (mm)	1.25	1.5625	1.875	2.5
Module Resolution (WxH)	120x270	96x216	80x180	60x135
Module Dimension (WxH, mm)	150x337.5	150x337.5	150x337.5	150x337.5
Module Composition (WxH)	4x1	4x1	4x1	4x1
Cabinet Resolution (WxH)	480x270	384x216	320x180	240x135
Cabinet Dimension (WxHxD, mm)	600x337.5x53 (Front Access), 600x337.5x64 (Front&Rear Access)			
Cabinet Area (m ²)	0.2025	0.2025	0.2025	0.2025
Weight (kg/cabinet; kg/m ²)	6; 30 (Front Access), 7; 35 (Front&Rear Access)			
Pixel Density (Point/m ²)	640000	409600	284444	160000
Flatness(mm)	≤0.1	≤0.1	≤0.1	≤0.1
IP Level	IP30	IP30	IP30	IP30
Brightness (nits)	600~800	600~800	600~800	600~800
Color Temperature (K)	3000~10000			
Viewing Angle (H/V) °	160/140	160/140	160/140	160/140
Deviation of LED luminance Center	<3%	<3%	<3%	<3%
Brightness Uniformity	≥98%	≥98%	≥98%	≥98%
Contrast Ratio	5000:1	5000:1	5000:1	5000:1
Power Consumption (max; avg)/m ²	675W; 225W	675W; 225W	675W; 225W	675W; 225W
Chromaticity Uniformity (after correction)	± 0.003Cx,Cy within			
Input Voltage(V)	AC100~240V (50~60Hz)			
Installation	Front/ Rear			
Drive Mode	Common anode (Common cathode PWM optional)	Common anode (Common cathode PWM optional)	Common anode	Common anode
Refresh Rate @60Hz	≥3840	≥3840	≥3840	≥3840
Frame rate Processing (Hz)	50&60	50&60	50&60	50&60
Lifetime(hrs)	100,000	100,000	100,000	100,000
Operating Temperature (°C)	-20—40	-20—40	-20—40	-20—40
Storage Temperature (°C)	-30—60	-30—60	-30—60	-30—60
Operating Humidity (RH)	10~90% no condensation			
Storage Humidity (RH)	10~80% no condensation			

Remark: Above data is subject to change without prior notice



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