

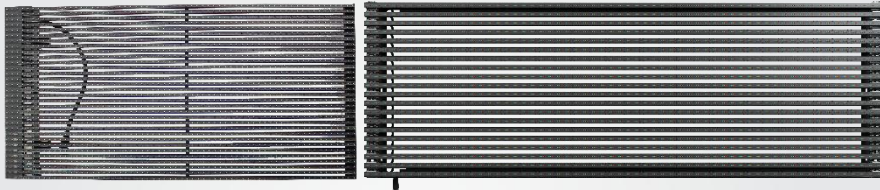
LSM SERIES LED PANEL

LSMS7.8-12 LSMS12-12 LSMS15-15
LSMD15-15 LSMD15-31 LSMD16-16 LSMD20-20 LSMD31-31

DESIGNED FOR OUTDOOR FAÇADE WALL OR CEILING

LSM series LED panel widely used on outdoor façade wall or ceiling with lighter weight , easy maintenance & energy saving.

FEATURES

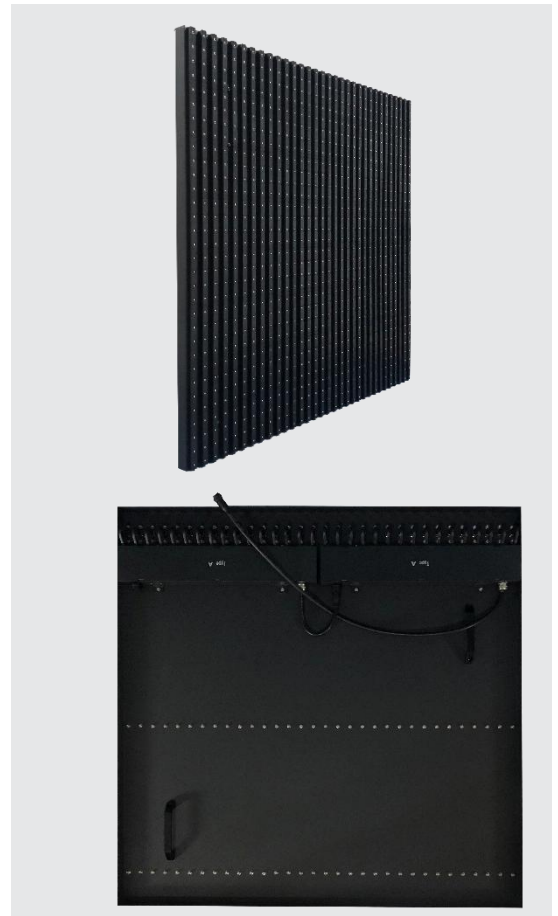


500x1000mm
(it works horizontally and vertically)

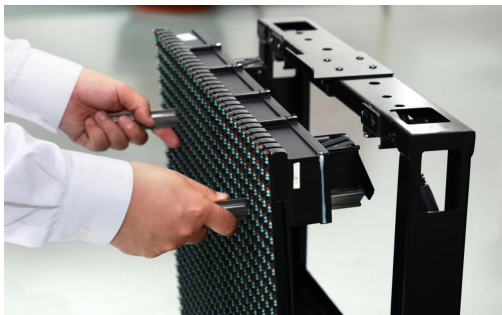
Front or rear access

- ◆ Front or rear access
- ◆ High temperature resistance <math>< 60^{\circ}\text{C}</math> Max
- ◆ IP67 for front & rear side
- ◆ High brightness up to $10000\text{cd}/\text{m}^2$ Max(Customized)
- ◆ Cabinet customized is available (Convex design or folded design)
- ◆ LED strip mask is UV proof
- ◆ Static design energy saving & higher refresh rate $>3840\text{Hz}$

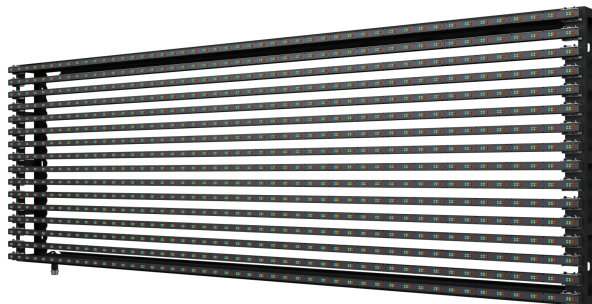
PRODUCT IMAGE(CUSTOMIZED)



CABINET DESIGN



Front service



2R2G2B is optional for higher brightness

Product Name	LSMS7.8-12	LSMS12-12	LSMS15-15	LSMD15-15	LSMD15-31	LSMD16-16	LSMD20	LSMD31-31
Pixel Pitch(H/V)(mm)	7.8mm/12mm	12mm/12mm	15mm/15mm	15mm/15mm	15mm/31mm	16mm/16mm	20mm/20mm	31mm/31mm
LED Type	3in1 SMD 2727	3in1 SMD 2727	3in1 SMD 2727	DIP346(1R1G1B)	DIP346(1R1G1B)	DIP346(1R1G1B)	DIP346(1R1G1B)	DIP346(1R1G1B)
Cabinet Resolution	64*84	42*84	34*67	34*67	34*32	31*62	25*50	16*32
Pixel Density(pixels/m ²)	10240	6400	4096	4096	2048	3906	2500	1024
Cabinet Size (W x H x D)	500*1000*68mm							
Power Consumption Maximum (watts/m ²)	750	600	450	450	400	450	450	350
Power Consumption Typical (watts/m ²)	250	200	150	150	130	150	150	105
Line Voltage	AC110-240V, 50-60HZ							
Cabinet Material	Aluminum							
Cabinet Weight (kg/sqm)	20						25	
Brightness Max, Calibration On (cd/sqm)	≥6000	≥5500	≥5000	≥7500	≥6500	≥7000	≥6000	≥6000
LED Refresh Rate	3840Hz							
Color Temperature Adjust (k)	2000~9000							
Viewing Angle	H:120°/V:120°	H:120°/V:120°	H:120°/V:120°	H:110°/V:60°	H:110°/V:60°	H:110°/V:60°	H:110°/V:60°	H:110°/V:60°
Frame Rate	50-60HZ							
Gray Scale Processing	14+2 bits							
Service Access	Front or Rear							
LED Lifetime, Typical	100,000H							
Environment	Outdoor							
Runtime Duty Cycle (Hours/Day)	24/7							
IP Rating (F/R)	IP67/IP67	IP67/IP67	IP67/IP67	IP67/IP67	IP67/IP67	IP67/IP67	IP67/IP67	IP67/IP67
Storage Temperature/Humidity (degrees F/C) 10-85% relative humidity, non-condensing	-20°C~60°C							
Operating temperature/Humidity (degrees F/C) 10-85% relative humidity, non-condensing	-20°C~60°C							

Remark: Above data is subject to change without previous notice



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