

LSON SERIES LED PANEL

LSON3S LSON4S LSON5S LSON6S LSON8S LSON10S

DESIGNED FOR OUTDOOR APPLICATIONS

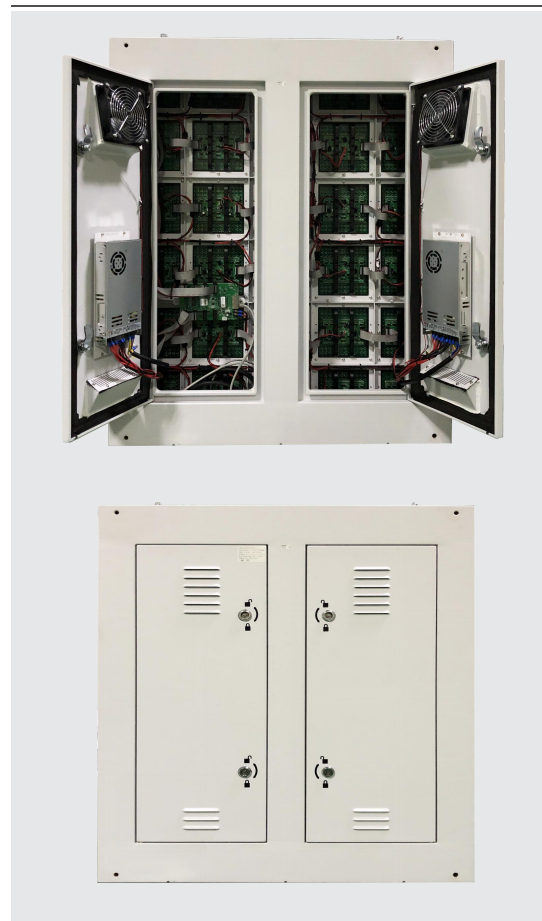
LSON series LED panels are designed for outdoor regular/irregular applications

FEATURES

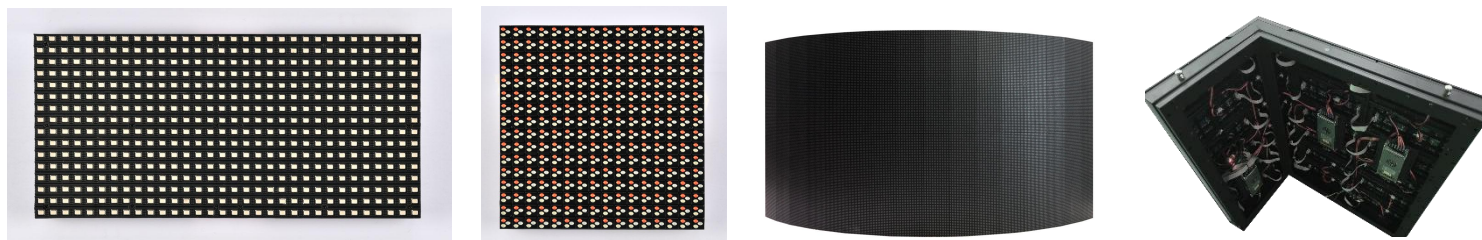


- ◆ Iron or aluminum cabinets are available
- ◆ High temperature resistance <60°C Max
- ◆ IP65 for front side and IP54 for rear side
- ◆ High brightness up to 7000cd/m²
- ◆ High contrast ratio > 4000:1
- ◆ Customized shape is available(45° angle or ir-regular shape)

PRODUCT IMAGE



MODULE & CABINET DESIGN



- SMD/DIP
- Customized convex & 90° cabinet

TECHNICAL PARAMETERS

Product name	LSON3S		LSON4S	LSON5S		LSON6S	LSON8S	LSON10S/ LSON10D
Pixel Pitch	3mm		4mm	5mm		6mm	8mm	10mm
LED Type	3in1 SMD 1415		3in1 SMD 1820	3in1 SMD 2525		3in1 SMD 3535	3in1 SMD 3535	3in1 SMD 3535
Cabinet Resolution	256*256		192*192/ 240*240	192*192		160*160	96*96/ 128*96	96*96/ 96*80
Pixel Idensity/m²	111111		62500	40000		27777	15625	10000
Cabinet size(mm)	768*768		768*768 /960*960	960*960		960*960	768*768 /1024*768	960*960 /960*800
Modules/Cabinet (W x H)	4*4		3*6/ 6*6	3*6		5*5	3*6/ 4*6	3*6/ 6*6
Module Resolution	64*64		64*32/ 40*40	64*32		32*32	32*16	32*16/ 16*16
Module size(mm)	192*192		256*128/ 160*160	320*160		192*192	256*128	320*160/ 160*160
Power Consumption Maximum (W/m²)	900		900	900		900	900	900
Power Consumption Maximum (W/m²)	300		300	300		300	300	300
Line Voltage	100-240V AC, 50/60Hz							
Cabinet Material	Iron cabinet							
Cabinet Weight （KG/sqm）	40	40	40	40	40	40	40	40
Brightness Max, Calibration On (cd/sq)	>4000	>4500	>5000	>5000	>6000	>6500 / >7500		
LED Refresh Rate	>1920 Hz / >3840 Hz							
Color Temperature Adjust (k)	2,000-9500							
Viewing Angle (Horizontal /Vertical°)	140/120							
Frame Rate	50, 60Hz							
Gray Scale Processing	14+2 bit							
Service Access	Rear	Rear	Rear	Rear/Front	Rear/Front	Rear/Front	Rear/Front	
LED Lifetime, Typical	100,000H							
Environment	outdoor							
Runtime Duty Cycle (Hours/Day)	24/7							
Storage Temperature/Humidity (degrees F/C) 10-85% relative humidity, non-condensing	-20℃~60℃							
Oppertating Temperature/Humidity (degrees F/C) 10-85% relative humidity, non-condensing	-20℃~60℃							
Drive mode/scan	1/16 scan		1/8 scan/ 1/10 scan	1/8 scan	1/8 scan		1/4 scan	1/4 scan/ 1/2 scan



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