

	Product Category	Energy-saving Power Consumption & Robust LED			
	Model Name				
Physical Parameter	LED Type	SMD1921	SMD2727	SMD2727	SMD2727
	LED Brand	Nationstar Copper	Nationstar Copper	Nationstar Copper	Nationstar Copper
	Receiving Card	A5S PLUS	A5S PLUS	A5S PLUS	A5S PLUS
	Pixel Pitch(mm)	4	6.67	8	10
	Cabinet Size (WxHxD, mm)	960x960x68	960x960x68	960x960x68	960x960x68
	Cabinet Resolution	240x240	144x144	120x120	96x96
	Cabinet Weight (Kg/Unit)	20.5	20.5	20.5	20.5
	Cabinet Material	Aluminium Profile	Aluminium Profile	Aluminium Profile	Aluminium Profile
	Module Size (WxH, mm)	480x320	480x320	480x320	480x320
Optical Parameter	Brightness (nit)	5,500/6,500	6,000/8,000/10,000/12,500	6,000/8,000/10,000/12,500	6,000/8,000/10,000/12,500
	Brightness Uniformity	≥95%	≥95%	≥95%	≥95%
	Refresh Rate (Hz)	3840/7680	3840/7680	3840/7680	3840/7680
	Color Processing Depth (Bit)	18+	18+	18+	18+
	Color Temperature (K)	2100-10000K	2100-10000K	2100-10000K	2100-10000K
	Viewing Angle (H/V)	160/122	160/122	160/122	160/122
	Contrast	≥9000:1	≥10000:1	≥13000:1	≥10000:1
Electrical Parameter	Input Voltage (V)	100~240VAC	100~240VAC	100~240VAC	100~240VAC
	Type of Power supply	360W*2	360W*2	360W*2	360W*2
	Power Consumption (Max/Avg, W/m ²)	488/163	570/190	570/190	570/190
Environment Parameter	Storage Temperature (°C)	-20~+60	-20~+60	-20~+60	-20~+60
	Operating Temperature (°C)	-20~+50	-20~+50	-20~+50	-20~+50
	Storage Humidity (RH)	10~90%	10~90%	10~90%	10~90%
	Operating Humidity (RH)	10~90%	10~90%	10~90%	10~90%
	IP Rating	IP66 (F/R)	IP66 (F/R)	IP66 (F/R)	IP66 (F/R)

	Life Time(hrs)	100,000	100,000	100,000	100,000
	Maintenance Access	Front and Rear	Front and Rear	Front and Rear	Front and Rear
Certification	EMC	EMC Class A	EMC Class A	EMC Class A	EMC Class A
	Environment	RoHS	RoHS	RoHS	RoHS
Warranty	Recommended spare parts ratio	4%	4%	4%	4%
	Standard period	2years 3-5years optional	2years 3-5years optional	2years 3-5years optional	2years 3-5years optional