

Technical Specifications

The technical parameter may change depending on location. The agency may provide the technical specifications, if any change

Technical parameters	Parameter
LED Make	M8 Outdoor SMD 2727 Series (GKGD)/Unilumin/Qiangly
Pixel pitch (mm)	8
Pixel density (dots/ m ²)	15625
Pixel Composition	1R1G1B
LED package	SMD2727
Module Pixel Density	40*20
Module size (mm)	320*160
Module Weight(g)	524.8±2
Viewing Distance (m)	≥8m
Refresh rate (Hz)	1920
Module Max. current(A)	6.6
Module Max. Power(W)	33
Viewing Angle (degree)	H≥120°V≥120°
Max. Power(W/ m ²)	645
Avg. Power (W/ m ²)	322.5
Brightness (cd/ m ²)	≥4500
Scan Mode	1/5 scan, constant current
Working voltage (V)	5
Service Life (h)	≥100000

Parameter of Outdoor P8 LED Specifications		
	LED Full Color Display	DH80/GKGD/Unilumin/Qiangly
Module Parameter	LED Type	SMD1R1G1B
	Pixel Pitch (mm)	8.0
	Module Resolution (W×H)	40×20
	Module Dimension (mm)	320 (W)×160 (H)
	Module Flatness (mm)	≤0.15

	Servicing	Rear
	Back shell	Plastic
	Recommended Cabinet Size	960×960mm, Metal Folding (can be customized according to module size)
Optical Parameter	Single-dot Brightness Calibration	Available
	Single-dot Color Calibration	Available
	Brightness (nits)	≥5500
	Colour Temperature (K)	3200—9300 Adjustable
	Viewing Angle (Horizontal/Vertical)	140°
	Brightness/Colour Uniformity	≥97%
	Contrast Ratio	5000:1
Electrical Parameter	Max Power Consumption(W/m ²)	≤810
	Average Power Consumption(W/m ²)	≤270
	Input Power Voltage	AC100-240V, 50/60 (Hz)
Processing Parameter	Drive Mode	Constant Current Drive
	Frame Rate (Hz)	30-120
	Refresh Rate (Hz)	1920-3840
	Colour Depth (bits)	14-16
Operational Parameter	Life span, typ. (Hrs)	1,00,000
	Operating Temp (°C)	-10—45
	Storage Temp (°C)	-20—60
	Operating Humidity (RH)	10-90%
	Storage Humidity (RH)	10-90%