

Flinky Technology Co., Limited

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Parameters

Item	P1.86	P2	P2.5	P3.076
Pixel Configuration	1R1G1B (full color)			
Lamp Encapsulation	SMD1212	SMD1515	SMD1515	SMD2121
Density (dots/m ²)	288906	250000	160000	105625
LED Module Size (mm)	320x160x8.6			
LED Module Resolution(dot)	172x86	160x80	128x64	104x52
Scan Way	1/43	1/40	1/32	1/26
Driving IC	FM6363	FM6363	ICN2038S	ICN2038S
Refresh Rate (Hz)	3840	3840	≥1920	≥1920
Frame Frequency (Hz)	50&60			
Grey Scale (bit)	12-16 Adjustable			
Signal Interface	HUB75			
Base Shell	Silica Gel Base Shell			
LED Module Weight (kg)	0.300	0.315	0.269	0.252
LED Cabinet Size	Customized			
Cabinet Material	Iron			
Cabinet Evenness (mm)	≤ 0.3			
Protection Level	IP45			
Maintenance Way	Front and Back Access			
Brightness (nits)	≥650	≥700	≥750	≥750
Color Temperature (K)	3000—10000 adjustable			
Brightness Uniformity	≥97%			
V/H View Angle	≥160°/≥140°			
Contrast Ratio	5000:1			
LED Module VoltageDC (V)	5	5	5	5
LED Module Current DC (A)	5	5	5	4.5
Max.Power Consumption (w)	25	25	25	22.5
Work Input Voltage AC (V)	110—220			
Max.Power Consumption (w/m ²)	800	800	800	600
Avg.Power Consumption (w/m ²)	270	270	270	200
Lifespan (hrs)	100,000			
Working Temperature Range (°C)	-10—50			
Storage Temperature Range (°C)	-20—60			
Working Humidity Range (RH)	20—85% (without condensation)			
Storage Humidity Range (RH)	20—80% (without condensation)			

Technical Parameters