

# SunRise LCM LED



specifications



Material Parameters	LCM-4	LCM-6	LCM-8	LCM-9.6	LCM-12	LCM-16
Pixel Pitch	4.0 mm	6.0 mm	8.0 mm	9.6 mm	12.0 mm	16.0 mm
Pixel Matrix Per Tile	96 x 24	64 x 16	48 x 24	40 x 20	32 x 4	24 x 12
Pixels Per Tile	2,304	1,024	1,152	800	128	288
Pixel Density	62,500/m <sup>3</sup>	27,777/m <sup>3</sup>	15,625/m <sup>3</sup>	10,851/m <sup>3</sup>	6,944/m <sup>3</sup>	3,906/m <sup>3</sup>
Module Size (mm)	384 x 96	384 x 96	384 x 192	384 x 192	384 x 48	384 x 192
Recommended Minimum Viewing Distance	> 4 m	> 6 m	> 8 m	> 9.6 m	> 12 m	> 15 m
Brightness	≥ 1,200 cd/m <sup>2</sup>		≥ 6,000 cd/m <sup>2</sup>		≥ 6,000 cd/m <sup>2</sup> ≥ 5,500 cd/m <sup>2</sup>	
Colour Temperature	5,000° — 9,000° K		5,000° — 9,000° K		5,000° — 9,000° K	
Contrast Ratio	3,000 : 1		2,200 : 1		2,200 : 1	
Viewing Angle Horizontal & Vertical (50% Brightness)	140° (+70° / -70°)		140° (+70° / -70°)		140° (+70° / -70°)	
Panel Weight	18 kg per panel		19 kg per panel		19 kg per panel	
Panel Dimensions (W x H X Depth)	768mm x 768mm x 106mm		768mm x 768mm x 148mm		768mm x 768mm x 106mm	
Panel Area	0.589 sq.m.		0.589 sq.m.		0.589 sq.m.	
Panel Material	Aluminum		Aluminum		Aluminum	
Ingress Protection(Front/Rear)	IP40 / IP65		IP65 / IP65		IP65 / IP65	
Operating Temperature Range	-10°C to + 70°C		-20°C to + 70°C		-20°C to + 70°C	
Operating Humidity Range	20% to 90% RH		20% to 90% RH		20% to 90% RH	
Pixel Type & Config. (R/G/B)	SMD 3 in 1 3528		SMD 3 in 1 3535		SMD 3 in 1 3535	
Colours	281 trillion		281 trillion		281 trillion	
Grey Scale (Linear)	16 bits x RGB		16 bits x RGB		16 bits x RGB	
Brightness Control	100 levels		100 levels		100 levels	
Processing Depth	16 bits (65,536 levels)		16 bits (65,536 levels)		16 bits (65,536 levels)	
Video Frame Rate	≤50 Hertz — 85 Hertz		≤50 Hertz — 85 Hertz		≤50 Hertz — 85 Hertz	
Display Refresh Rate	> 1,200 Hertz		> 1,200 Hertz		> 1,200 Hertz	
Drive Mode	1:8 multiplex		1:4 multiplex		Static Drive	
Input Voltage (Nominal)	110 VAC / 220 VAC ± 10%		110 VAC / 220 VAC ± 10%		110 VAC / 220 VAC ± 10%	
Input Power Frequency	47 Hertz / 63 Hertz		47 Hertz / 63 Hertz		47 Hertz / 63 Hertz	
Input Power (Max)	≤400 Watts/panel		≤550 Watts/panel		≤550 Watts/panel	
Input Power (Ave.)	≤120 Watts/panel		≤170 Watts/panel		≤170 Watts/panel	
Lifetime (50% Brightness)	≥ 100,000 Hours		≥ 100,000 Hours		≥ 100,000 Hours	
Application	Indoor		Indoor / Outdoor		Indoor / Outdoor Mesh	



Features and specifications are subject to change without prior notice.

\* Please specify when placing order. \*\* 24 mm and 32 mm pixel pitch available upon request. Terms and conditions apply.