


Lucky Light Electronics Co., Ltd

P10 SMD Outdoor Full Color(MO-P10RGB1616-4S-AA)

Sn.	Item	Brightness	Viewing Angle(H*V)	Wavelength	Test Condition
1		Red LED	600~700MCD	120°±5°	25℃,20mA
2		Green LED	1400~1600MCD	120°±5°	25℃,20mA
3		Blue LED	300~400MCD	120°±5°	25℃,20mA

LED Pixel Configuration

Sn.	Item	Type
1	Pixel Composition	1R1G1B
2	LED Encapsulation	SMD3535

LED Screen Body Parameters

1	Pixel Pitch	10mm
2	Drive Mode	1/4S
3	Drive IC	MBI5124
4	Module Resolution	16×16dots
5	Module dot Quantity	256dots
6	Module Size(LxH)	160×160mm
7	Cabinet Size(LxH)	960×960mm
8	Cabinet Resolution	96×96dots
9	Pixel Density	10,000dots/m ²
10	Cabinet Material	Steel
11	Brightness	6000cd/m ²
12	Viewing Angle	H:140°, V:120°
13	Minimum Viewing Distance	≥10M
14	Gray Level	16bit
15	Color Quantity	281 Trillion
16	Refresh Rate	>1920Hz
17	Frame Rate	60fps
18	Input Voltage	AC220V/50Hz or AC110V/60Hz
19	Power Consumption(Max/Avg)	680/270 W/m ²
20	Screen Body	60kg/m ²
21	MTBF	>10,000 H
22	Life Span	≥100,000 H
23	IP Grade	IP65
24	Temperature	-20℃~60℃
25	Humidity	10%~90%
26	Control System	Customized
27	Interface Definition	HUB75

