



Specification:

LED Lamp Chip		
Item	LED Encapsulation	Chip Brand
1	SMD1515 (R)	San'an
2	SMD1515 (G)	San'an
3	SMD1515 (B)	San'an
Module Parameters		
Item	Parameter	Value
1	Pixel Pitch	1.86mm
2	Pixel Configuration	3 in 1
3	Module Size	320mm × 160mm
4	Module Resolution	172 × 86 pixels
5	LED Encapsulation	SMD1515
6	Module Weight	0.68kg/pc
Cabinet Parameters		
Item	Parameter	Value
1	Cabinet Type	High-precision die-cast aluminum housing
2	Cabinet Size (W × H)	640mm × 480mm
3	Cabinet Resolution	344 × 258 = 88,752 pixels
4	Module Quantity	2 × 3 = 6 pcs
5	Pixel Density	288,906 dots/m ²
6	Cabinet Weight	7kg/pc
Screen Parameters		
Item	Parameter	Value
1	Max. Brightness	≥800cd/m ²
2	Ingress Protection	Front/Rear: IP43

3	Best Viewing Distance	1.8m–30m
4	Driving Method	1/43 scan, constant current
5	Viewing Angle	Horizontal 140°, Vertical 120°
6	Brightness Control	R, G, B 256 Grades/Each
7	Colors Number	4096 grey levels, displays 16.7M colors
8	Refresh Rate	≥3840–7680Hz
9	Frame Frequency	60Hz
10	Input Voltage	AC220–240V
11	Defect Rate	≤0.00001
12	Power Consumption	Max.: 600W/m ² , Average: 300W/m ²
13	MTBF	>10,000 hours
14	Lifespan	≥100,000 hours (50% brightness)
15	Operating Humidity	10%–95%
16	Operating Temperature	-10°C to +50°C
17	Control System	Synchronous Control System
18	Power Supply	5V40A 200W
19	Installation Type	Wall-mounted