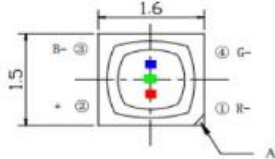
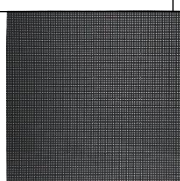




SPECIFICATIONS

Product name	VG2.60-500mm×500mm
Product model	VG-2.60

Approved by	Checked by	Drawn by
Chief engineer office	R&D department	Product department
Version NO: V1.0		
Release Date: 2024-04-16		

Model		VG-2.60	LED type	SMD1515
(1) LED chip				
NO.	Color	Iv(mcd) Typ	λ d(nm) Typ	
1	R (test condition: 5mA, 2.0V)	45mcd	622nm	
2	G (test condition: 2mA, 3.0V)	160mcd	523nm	
3	B (test condition: 2mA, 3.0V)	20mcd	470nm	
(2) Package		In order to achieve the best white balance setting, the ratio of each color brightness is required to 3:6:1.		
1	LED type		SMD1515	
2	Pixel pitch		2.604mm	
3	Pixel configuration		1R1G1B	
(3) LED module				
1	Module resolution(W×H)		96dots×96dots	
2	Module dimension(W×H×D)		250mm×250mm×15mm	
3	Mask		PVC	
(4) LED cabinet				
1	Cabinet resolution (W×H)		192dots×192dots	
2	Module arrangement (W×H)		2×2	
3	Cabinet flatness		≤0.1mm	
4	Cabinet dimensions (W×H×D)		500mm×500mm×83mm	
5	Cabinet weight		G.W. 7.2kg/pcs	
6	Power supply		5V40A	

7	Receiving card	A10
8	Cabinet material	Die-casting aluminum
(5) LED display		
1	Physical density	147,456 dots/m ²
2	Brightness (White color temperature 11000K)	>800cd/ m ² (adjustable)
3	Viewing angle (H/V)	110°/110°
4	Screen flatness	≥98%
5	Chromaticity uniformity	±0.003
6	Contrast ratio(max)	5,000:1
7	IP rating	IP45
(6) Control system		
1	Color depth	16bit
2	Scanning mode	1/16 scan
3	Frame rate	60Hz - 120Hz
4	Refresh rate	3,840 - 7680Hz
5	Color temperature	2,000K- 9,500K (adjustable)
6	Brightness adjustment	Manual/Automatic/Remote (programming) control
7	Pixel-level calibration	Calibration done according to brightness and colorfulness
8	Control mode	Synchronous
9	OS platform	Windows 7/8/10/11
10	Input signal interface	HDMI, DVI
(7) Operation		
1	Input voltage	AC: 110V-240V, 50-60Hz
2	Max. power consumption	≤600W/ m ²
3	Ave. power consumption	250W/ m ²
4	Continuous working time	≥7×24hrs
5	MTBF	≥1,000hrs
6	LED lifetime (max)	100,000hrs
7	Random LED failure rate	≤0.0001 (factory settings: 0)
8	Constant LED failure rate	0
9	Overall LED failure rate	≤0.0001 (factory settings: 0)
10	Screen temperature rise	≤5°C
11	Operating environment - Temperature	-10°C - 60°C
12	Operating environment - Humidity	35% - 75%RH (no condensation)

Note: All technical parameters given may vary due to specific/real situation. All such specific parameters should be referred to according to those on the contract documents.