



GUOYEXING OPTOELECTRONICS CO.LTD

(1)、physics parameter

Number	Item	Technical parameter
1	Cabinet size	0.96m (L)×1.120m(H)
2	Weight	80kg
3	Lifespan	>50000 hours
4	Blind Spot Rate	<2/10000
5	Power supply	380V±10%; AC50HZ
6	Serial Operating time	>48 hours
7	Ambient Temperature	-20℃~+65℃, 15%~95%RH

(2)、optoelectronic parameter

Number	Item	Technical parameter	
1	Shape of pixel	triangle	
2	Pitch	10mm	
3	Module size	160mm*160mm	
4	Color Configuration	1R1G1B	
5	Pixel Density (dots/m ²)	10000 dots/m ²	
6	Brightness	≥4250cd/m ²	
7	Red (5mm oval)	WL	625nm
		Angle	110°
		Brightness	650mcd~750mcd
8	Green (5mm oval)	WL	525nm
		Angle	110°
		Brightness	750mcd~850mcd
9	Blue (5mm oval)	WL	468nm
		Angle	110°
		Brightness	200mcd~250mcd
10	Viewing Distance	10-200m	

(3)、Technical parameter

NO.	Item	
1	Chip	R(Taiwan)、G(AXT)、B(AXT);
2	Brightness adjustment	automate, hand-made
3	Angle	Horizontal: 100° ~110° , Vertical: 40° ~45°
4	Driving Mode	1/4 scan
5	Grey	4096 grades, 4096×4096×4096 colors
6	Refresh Frequency	>240HZ
7	Video Signal	VCD, DVD, Video Camera, Cable TV etc.
8	Computer Operation System	WINDOWSNT/ WINDOWS2000
9	Insulating resistor	100M Ω
10	Max voltage	50HZ 1500V (AC)
11	Grade of Protection	IP65 for the front and IP44 for the back
12	MTBF	≥10,000 hours
13	Average Power Consumption	150-600W/m ²
14	Effective Communication Distance	Cable, ≅ 100meters(without relay)