

Shenzhen Wanliang Co., Ltd

With high refresh rate and gray level, the WLC is a fine pitch LED display using patented LEDs. Aiming at the middle and high-end market, we provide you with a ultra-thin indoor seamless LED display armed with extraordinary color calibration and dot-to-dot brightness technology as well as cableless technology. Standard cabinet ratio 16:9 enables 2K and 4K, giving you a wonderful visual experience.



Product Parameter Table

Parameter Name		Product Parameter			
Cabinet Constitution	Pixel Pitch (mm)	1.25	1.56	1.87	2.5
	Led Type	SMD1010	SMD1010	SMD1515	SMD2020
	Cabinet Resolution (WxH)	480x270	384x216	320x180	240x135
	Cabinet Size (WxHxD mm)	600x337.5x66	600x337.5x66	600x337.5x66	600x337.5x66
	Cabinet Area (m ²)	0.2022	0.2022	0.2022	0.2022
	Cabinet Weight (kg)	5.24	5.24	5.24	5.24
	Pixel Density (dot/m ²)	640000	409600	284444	160000
	Flatness (mm)	≤0.12	≤0.12	≤0.12	≤0.12
	Maintenance	Front & Rear	Front & Rear	Front & Rear	Front & Rear
	Material	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum
	Water proof	IP30	IP30	IP30	IP30
Optical Parameters	Brightness Correction	Available	Available	Available	Available
	Color Correction	Available	Available	Available	Available
	Brightness (nits)	600 -800	600 -800	600 -800	600 -800
	Color Temperature (K)	2000-10000adjustable	2000-10000adjustable	2000-10000adjustable	2000-10000adjustable
	Viewing Angle (H/V°)	160°	160°	110/90	110/90
	Center Point Deviation	<3%	<3%	<3%	<3%
	Brightness/Color Uniformity	≥97%	≥97%	≥97%	≥97%
	Contrast Ratio	4000:1	4000:1	4000:1	4000:1
Electrical Parameters	Max Power Consumption (W/m ²)	700	700	500	500
	Average Power Consumption (W/m ²)	240	240	165	165
	Voltage Range	AC100-240V, 50/60 (Hz)	AC100-240V, 50/60 (Hz)	AC100-240V, 50/60 (Hz)	AC100-240V, 50/60 (Hz)

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Manufacture: 5th Bld. Fulongte Tech. Park, Huaxing Rd, Dalang, Shenzhen, China 518109

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	Security Features	GB4943/EN60950	GB4943/EN60950	GB4943/EN60950	GB4943/EN60950
Processing Performance	Frame Rate (Hz)	50&60	50&60	50&60	50&60
	Drive Mode	Constant Current Drive 8scans	Constant Current Drive 4scans	Constant Current Drive 4scans	Static state
	Gray Scale	14bit	14bit	14bit	14bit
	Refresh Rate (Hz)	≥1920	≥1920	≥1920	≥1920
	Color Figures	16bit	16bit	16bit	16bit
Operating Parameters	Life Time (hrs)	500,000 hrs	500,000 hrs	500,000 hrs	500,000 hrs
	Operating Temperature /Humidity Range (°C/RH)	-10 - 40/10%-80% (non-condensing)	-10 - 40/10%-80% (non-condensing)	-10 - 40/10%-80% (non-condensing)	-10 - 40/10%-80% (non-condensing)
	Storage Temperature /Humidity Range (°C/RH)	-20 - 60/10%-85% (non-condensing)	-20 - 60/10%-85% (non-condensing)	-20 - 60/10%-85% (non-condensing)	-20 - 60/10%-85% (non-condensing)
	Certification	CE, ETC and etc.	CE, ETC and etc.	CE, ETC and etc.	CE, ETC and etc.

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