



Shenzhen Absen Optoelectronic Co., Ltd.

PL1.9 Plus V2- Specifications

Version: V20240729

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 1212
	Pixel Pitch (mm)	1.953
	Panel Dimensions (WxHxD)/(mm)	500x500x78
	Pixel Per Panel	256x256
	Panel Weight (kg)	7.8
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	1000
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	16
	Contrast Ratio	5500:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	140/140
	Driving Type	1/16
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	700/235
	Heat Generated(Max./Avg.)(BTU/h/m ²)	2389/802
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-10~+40
	Storage Humidity (RH)	10%~90%
	Operating Humidity (RH)	10%~90%
	IP Rating (Front/Rear)	IP40/IP21
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging QTY.	20
	Certificate	CE,FCC,ETL,RoHS

Remark: Power consumption tolerance: $\pm 15\%$, according to the actual situation.

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