



Shenzhen Absen Optoelectronic Co., Ltd.

A0421-Preliminary Specifications

Version : V20211216

Parameter		Value
Physical Parameter	LED Type	SMD 3in1 1921
	Pixel Pitch (mm)	4.44
	Panel Dimensions (WxHxD)/(mm)	640x640x70
	Pixel Per Panel	144x144
	Panel Weight (kg)	11
	Panel Material	Aluminum Profile
	Module Dimensions (WxH)/(mm)	320x320
Optoelectronic Parameter	Brightness (nit)	7500
	Refresh Rate (Hz)	> 3840
	Gray scale (Bit)	16
	Contrast Ratio	14000 : 1
	Color Temperature (K)	7500
	Viewing Angle (H/V) (°)	160/85
	Driving Type	1/9
	AC Operating Voltage (V)	100 ~ 240
	Power Consumption (Max./Avg.)(W/m ²)	570/190
Application Parameter	Storage Temperature (°C)	-40 ~ +60
	Operating Temperature (°C)	-30 ~ +50
	Storage Humidity (RH)	10% ~ 90%
	Operating Humidity (RH)	10% ~ 90%
	IP Rating (Front/Rear)	IP65/IP54
	Module Maintenance	Front
	PSU & Others Maintenance	Front
	Panel Installation Type	Fixed
	Max Rigging QTY.	/
	Certificate	CE,FCC,CCC,ETL

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