



Shenzhen Absen Optoelectronic Co., Ltd.

PL2.9 Pro V2 - Specifications

Version : V20250214

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 SMD1515
	Pixel Pitch (mm)	2.97
	Panel Dimensions (WxHxD)/(mm)	500x500x78
	Pixel Per Panel	168x168
	Panel Weight (kg)	8
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	3000
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	16
	Contrast Ratio	5000:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/160
	Driving Type	1/14
	AC Operating Voltage (V)	100 ~ 240
	Power Consumption (Max./Avg.)(W/m ²)	610/204
	Heat Generated(Max./Avg.)(BTU/h/m ²)	2082/696
Application Parameter	Storage Temperature (°C)	-40 ~ +60
	Operating Temperature (°C)	-20 ~ +50
	Storage Humidity (RH)	10% ~ 90%
	Operating Humidity (RH)	10% ~ 90%
	IP Rating (Front/Rear)	IP65/IP54
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging QTY.	20
	Certificate	CE,ETL,FCC,ROHS

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

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