



Shenzhen Absen Optoelectronic Co., Ltd.

NT2.9W V2 -Preliminary Specifications

Version: V20251118

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 1515
	Pixel Pitch (mm)	2.97
	Panel Dimensions (WxHxD)/(mm)	500x500x75
	Pixel Per Panel	168x168
	Panel Weight (kg)	6.8
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x500
Optoelectronic Parameter	Brightness (nit)	4000
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	16
	Contrast Ratio	6500:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/140
	Driving Type	1/21
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	690/230
	Heat Generated(Max./Avg.)(BTU/h/m ²)	2355/785
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	Rear
	PSU & Others Maintenance	Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging QTY.	20
	Certificate	CE,ETL,FCC,UKCA,ROHS

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

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