



Shenzhen Absen Optoelectronic Co., Ltd.

PL3.9 Pro V3 (Brompton/NovaStar) - Specifications

Version: V20260130

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 1921
	Pixel Pitch (mm)	3.9
	Panel Dimensions (WxHxD)/(mm)	500x1000x88
	Pixel Per Panel	128x256
	Panel Weight (kg)	11.8
	Panel Material	Die Casting Magnesium
	Module Dimensions (WxH)/(mm)	250x500
Optoelectronic Parameter	Brightness (nit)	5000
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	16
	Contrast Ratio	7500:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/160
	Driving Type	1/8
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	720/240
	Heat Generated(Max./Avg.)(BTU/h/m ²)	2457/819
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/IP65
	Module Maintenance	Rear
	PSU & Others Maintenance	Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging QTY.	20
	Certificate	CE,FCC,ET L,ROHS,UKCA

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

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Shenzhen Absen Optoelectronic Co., Ltd.

PL3.9 Pro V3 (Brompton/NovaStar) - Specifications

Version: V20250819

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 1921
	Pixel Pitch (mm)	3.9
	Panel Dimensions (WxHxD)/(mm)	500x500x88
	Pixel Per Panel	128x128
	Panel Weight (kg)	7
	Panel Material	Die Casting Magnesium
	Module Dimensions (WxH)/(mm)	250x500
Optoelectronic Parameter	Brightness (nit)	5000
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	16
	Contrast Ratio	7500:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/160
	Driving Type	1/8
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	720/240
	Heat Generated(Max./Avg.)(BTU/h/m ²)	2457/819
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/IP65
	Module Maintenance	Rear
	PSU & Others Maintenance	Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging QTY.	20
	Certificate	CE,FCC,ETL,ROHS,UKCA

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

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