



Shenzhen Absen Optoelectronic Co., Ltd.

JP8 Pro- Brompton -Specifications

Version: V20250613

Parameter		Value
Physical Parameter	LED Type	SMD 3in1 1515
	Pixel Pitch (mm)	8.9
	Panel Dimensions (WxHxD)/(mm)	1000x1000x1000
	Pixel Per Panel	112x112
	Panel Weight (kg)	20.5
	Panel Material	Carbon fiber+Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	500x250
Optoelectronic Parameter	Brightness (nit)	4000
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	16
	Contrast Ratio	4000: 1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/140
	Driving Type	1/4
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	480/160
	Heat Generated(Max./Avg.)(BTU/h/m ²)	1638/546
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.	24
	Certificate	CE,FCC,ETL,ROHS

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

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Shenzhen Absen Optoelectronic Co., Ltd.

JP8 Pro- NovaStar - Specifications

Version: V20250613

Parameter		Value
Physical Parameter	LED Type	SMD 3in1 1515
	Pixel Pitch (mm)	8.9
	Panel Dimensions (WxHxD)/(mm)	1000x1000x100
	Pixel Per Panel	112x112
	Panel Weight (kg)	20.5
	Panel Material	Carbon fiber+Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	500x250
Optoelectronic Parameter	Brightness (nit)	4000
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	16
	Contrast Ratio	4000: 1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/140
	Driving Type	1/4
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m ²)	480/160
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	IP Rating (Front/Rear)	IP65/IP54
	Module Maintenance	Rear
	PSU & Others Maintenance	Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging QTY.	24
	Certificate	CE,FCC,ETL,ROHS

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JP5 Pro- Brompton - Specifications

Version: V20250624

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 1921
	Pixel Pitch (mm)	5.2
	Panel Dimensions (WxHxD)/(mm)	1000x1000x100
	Pixel Per Panel	192x192
	Panel Weight (kg)	29.5
	Panel Material	Carbon fiber+Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	500x250
Optoelectronic Parameter	Brightness (nit)	5000
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	16
	Contrast Ratio	8500:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	140/140
	Driving Type	1/6
	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.	24
	Certificate	CE,FCC,ETL,ROHS,UKCA

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Shenzhen Absen Optoelectronic Co., Ltd.

JP5 Pro - NovaStar - Specifications

Version: V20250624

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 1921
	Pixel Pitch (mm)	5.2
	Panel Dimensions (WxHxD)/(mm)	1000x1000x100
	Pixel Per Panel	192x192
	Panel Weight (kg)	29.5
	Panel Material	Carbon fiber+Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	500x250
Optoelectronic Parameter	Brightness (nit)	5000
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	16
	Contrast Ratio	8500:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	140/140
	Driving Type	1/6
	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.	24
	Certificate	CE,FCC,ETL,ROHS,UKCA

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JP5 Pro- Brompton - Specifications

Version: V20250624

Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 1921
	Pixel Pitch (mm)	5.2
	Panel Dimensions (WxHxD)/(mm)	500x500x100
	Pixel Per Panel	96x96
	Panel Weight (kg)	9.5
	Panel Material	Carbon fiber+Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	500x250
Optoelectronic Parameter	Brightness (nit)	5000
	Refresh Rate (Hz)	7680
	Gray scale (Bit)	16
	Contrast Ratio	8500:1
	Color Temperature (K)	6500
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	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.	30
	Certificate	CE,FCC,ETL,ROHS,UKCA

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JP5 Pro- NovaStar - Specifications

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Parameter		Value
Physical Parameter	LED Type	Black SMD 3in1 1921
	Pixel Pitch (mm)	5.2
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	Module Maintenance	Rear
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	Panel Installation Type	Hanging/Stacking
	Max Rigging QTY.	30
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