



# Shenzhen Absen Optoelectronic Co., Ltd.

## AW1.9- Specifications

Version: V20240401

Parameter		Value
Physical Parameter	LED Type	SMD 3in1 1112
	Pixel Pitch (mm)	1.98
	Panel Dimensions (WxHxD)/(mm)	500x500x83
	Pixel Per Panel	252x252
	Panel Weight (kg)	7
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	4500
	Refresh Rate (Hz)	≥3840
	Gray scale (Bit)	15
	Contrast Ratio	2800:1
	Color Temperature (K)	7500
	Viewing Angle (H/V) (°)	160/160
	Driving Type	1/18
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m <sup>2</sup> )	700/233
	Heat Generated(Max./Avg.)(BTU/h/m <sup>2</sup> )	2389/795
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)	IP54/IP65
	Module Maintenance	Rear
	PSU & Others Maintenance	Rear
	Panel Installation Type	Fixed
	Max Rigging QTY.	/
	Certificate	FCC,ETL

Remark: Power consumption tolerance: ±15%, according to the actual situation.

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## AW1.9- Specifications

Version: V20240401

Parameter		Value
Physical Parameter	LED Type	SMD 3in1 1112
	Pixel Pitch (mm)	1.98
	Panel Dimensions (WxHxD)/(mm)	500x750x83
	Pixel Per Panel	252x378
	Panel Weight (kg)	10.3
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	4500
	Refresh Rate (Hz)	≥3840
	Gray scale (Bit)	15
	Contrast Ratio	2800:1
	Color Temperature (K)	7500
	Viewing Angle (H/V) (°)	160/160
	Driving Type	1/18
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m <sup>2</sup> )	700/233
	Heat Generated(Max./Avg.)(BTU/h/m <sup>2</sup> )	2389/795
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)	IP54/IP65
	Module Maintenance	Rear
	PSU & Others Maintenance	Rear
	Panel Installation Type	Fixed
	Max Rigging QTY.	/
	Certificate	FCC,ETL

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# Shenzhen Absen Optoelectronic Co., Ltd.

## AW2.5- Specifications

Version: V20240401

Parameter		Value
Physical Parameter	LED Type	SMD 3in1 1515
	Pixel Pitch (mm)	2.5
	Panel Dimensions (WxHxD)/(mm)	500x500x83
	Pixel Per Panel	200x200
	Panel Weight (kg)	7
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	4500
	Refresh Rate (Hz)	≥3840
	Gray scale (Bit)	15
	Contrast Ratio	3000:1
	Color Temperature (K)	7500
	Viewing Angle (H/V) (°)	160/160
	Driving Type	1/20
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m <sup>2</sup> )	660/220
	Heat Generated(Max./Avg.)(BTU/h/m <sup>2</sup> )	2253/751
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	Front
	PSU & Others Maintenance	Front
	Panel Installation Type	Fixed
	Max Rigging QTY.	/
	Certificate	FCC,ETL

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# Shenzhen Absen Optoelectronic Co., Ltd.

## AW2.5- Specifications

Version: V20240401

Parameter		Value
Physical Parameter	LED Type	SMD 3in1 1515
	Pixel Pitch (mm)	2.5
	Panel Dimensions (WxHxD)/(mm)	500x750x83
	Pixel Per Panel	200x300
	Panel Weight (kg)	10.3
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	4500
	Refresh Rate (Hz)	≥3840
	Gray scale (Bit)	15
	Contrast Ratio	3000:1
	Color Temperature (K)	7500
	Viewing Angle (H/V) (°)	160/160
	Driving Type	1/20
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m <sup>2</sup> )	660/220
	Heat Generated(Max./Avg.)(BTU/h/m <sup>2</sup> )	2253/751
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	Front
	PSU & Others Maintenance	Front
	Panel Installation Type	Fixed
	Max Rigging QTY.	/
	Certificate	FCC,ETL

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# Shenzhen Absen Optoelectronic Co., Ltd.

## AW2.8- Specifications

Version: V20240401

Parameter		Value
Physical Parameter	LED Type	SMD 3in1 1515
	Pixel Pitch (mm)	2.84
	Panel Dimensions (WxHxD)/(mm)	500x500x83
	Pixel Per Panel	176x176
	Panel Weight (kg)	7
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	5000
	Refresh Rate (Hz)	≥4800
	Gray scale (Bit)	15
	Contrast Ratio	3200:1
	Color Temperature (K)	7500
	Viewing Angle (H/V) (°)	160/160
	Driving Type	1/22
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m <sup>2</sup> )	730/243
	Heat Generated(Max./Avg.)(BTU/h/m <sup>2</sup> )	2491/829
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	Front
	PSU & Others Maintenance	Front
	Panel Installation Type	Fixed
	Max Rigging QTY.	/
	Certificate	FCC,ETL

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# Shenzhen Absen Optoelectronic Co., Ltd.

## AW2.8- Specifications

Version: V20240401

Parameter		Value
Physical Parameter	LED Type	SMD 3in1 1515
	Pixel Pitch (mm)	2.84
	Panel Dimensions (WxHxD)/(mm)	500x750x83
	Pixel Per Panel	176x264
	Panel Weight (kg)	10.3
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	5000
	Refresh Rate (Hz)	≥4800
	Gray scale (Bit)	15
	Contrast Ratio	3200:1
	Color Temperature (K)	7500
	Viewing Angle (H/V) (°)	160/160
	Driving Type	1/22
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m <sup>2</sup> )	730/243
	Heat Generated(Max./Avg.)(BTU/h/m <sup>2</sup> )	2491/829
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	Front
	PSU & Others Maintenance	Front
	Panel Installation Type	Fixed
	Max Rigging QTY.	/
	Certificate	FCC,ETL

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# Shenzhen Absen Optoelectronic Co., Ltd.

## AW3.9- Specifications

Version: V20240401

Parameter		Value
Physical Parameter	LED Type	SMD 3in1 1921
	Pixel Pitch (mm)	3.9
	Panel Dimensions (WxHxD)/(mm)	500x500x83
	Pixel Per Panel	128x128
	Panel Weight (kg)	7
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	5000
	Refresh Rate (Hz)	≥3840
	Gray scale (Bit)	16
	Contrast Ratio	3600:1
	Color Temperature (K)	7500
	Viewing Angle (H/V) (°)	160/140
	Driving Type	1/8
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m <sup>2</sup> )	630/210
	Heat Generated(Max./Avg.)(BTU/h/m <sup>2</sup> )	2150/717
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	Front
	PSU & Others Maintenance	Front
	Panel Installation Type	Fixed
	Max Rigging QTY.	/
	Certificate	FCC,ETL

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# Shenzhen Absen Optoelectronic Co., Ltd.

## AW3.9- Specifications

Version: V20240401

Parameter		Value
Physical Parameter	LED Type	SMD 3in1 1921
	Pixel Pitch (mm)	3.9
	Panel Dimensions (WxHxD)/(mm)	500x750x83
	Pixel Per Panel	128x192
	Panel Weight (kg)	10.3
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	5000
	Refresh Rate (Hz)	≥3840
	Gray scale (Bit)	16
	Contrast Ratio	3600:1
	Color Temperature (K)	7500
	Viewing Angle (H/V) (°)	160/140
	Driving Type	1/8
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m <sup>2</sup> )	630/210
	Heat Generated(Max./Avg.)(BTU/h/m <sup>2</sup> )	2150/717
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	Front
	PSU & Others Maintenance	Front
	Panel Installation Type	Fixed
	Max Rigging QTY.	/
	Certificate	FCC,ETL

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