



# Shenzhen Absen Optoelectronic Co., Ltd.

## A0425- Specifications

Version: V20250630

Parameter		Value
Physical Parameter	LED Type	SMD 3in1 1921
	Pixel Pitch (mm)	4.44
	Panel Dimensions (WxHxD)/(mm /inch)	1280x960x82(50.39x37.8x3.23)
	Pixel Per Panel	288x216
	Panel Weight (kg /lbs)	35(77)
	Panel Material	Aluminum Profile
	Module Dimensions (WxH)/(mm /inch)	320x480(12.6x18.9)
Optoelectronic Parameter	Brightness (nit)	7500
	Refresh Rate (Hz)	≥7680
	Gray scale (Bit)	16
	Contrast Ratio	6200:1
	Color Temperature (K)	7500
	Viewing Angle (H/V) (°)	160/150
	Driving Type	1/9
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m <sup>2</sup> )/( W/ft <sup>2</sup> )	540/135(50.17/12.54)
	Heat Generated(Max./Avg.)(BTU/h/m <sup>2</sup> ) / (BTU/h/ft <sup>2</sup> )	1843/461(171.07/42.77)
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-30~+50
	Storage Humidity (RH)	10%~90%
	Operating Humidity (RH)	10%~90%
	IP Rating (Front/Rear)	IP66/IP66
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Fixed
	Max Rigging QTY.	/
	Certificate	CE,FCC,CCC,ETL

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

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# Shenzhen Absen Optoelectronic Co., Ltd.

## A0625- Specifications

Version: V20250630

Parameter		Value
Physical Parameter	LED Type	SMD 3in1 2727
	Pixel Pitch (mm)	6.66
	Panel Dimensions (WxHxD)/(mm /inch)	1280x960x82(50.39x37.8x3.23)
	Pixel Per Panel	192x144
	Panel Weight (kg /lbs)	35(77)
	Panel Material	Aluminum Profile
	Module Dimensions (WxH)/(mm /inch)	320x480(12.6x18.9)
Optoelectronic Parameter	Brightness (nit)	10000
	Refresh Rate (Hz)	≥7680
	Gray scale (Bit)	16
	Contrast Ratio	5800:1
	Color Temperature (K)	7500
	Viewing Angle (H/V) (°)	160/125
	Driving Type	1/6
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m <sup>2</sup> )/( W/ft <sup>2</sup> )	590/148(54.81/13.74)
	Heat Generated(Max./Avg.)(BTU/h/m <sup>2</sup> ) / (BTU/h/ft <sup>2</sup> )	2014/505(186.92/46.90)
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-30~+50
	Storage Humidity (RH)	10%~90%
	Operating Humidity (RH)	10%~90%
	IP Rating (Front/Rear)	IP66/IP66
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Fixed
	Max Rigging QTY.	/
	Certificate	CE,FCC,CCC,ETL

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# Shenzhen Absen Optoelectronic Co., Ltd.

## A0825- Specifications

Version: V20250708

Parameter		Value
Physical Parameter	LED Type	SMD 3in1 2727
	Pixel Pitch (mm)	8
	Panel Dimensions (WxHxD)/(mm /inch)	1280x960x82(50.39x37.8x3.23)
	Pixel Per Panel	160x120
	Panel Weight (kg /lbs)	35(77)
	Panel Material	Aluminum Profile
	Module Dimensions (WxH)/(mm /inch)	320x480(12.6x18.9)
Optoelectronic Parameter	Brightness (nit)	10000
	Refresh Rate (Hz)	≥15000
	Gray scale (Bit)	16
	Contrast Ratio	10000 : 1
	Color Temperature (K)	7500
	Viewing Angle (H/V) (°)	160/75
	Driving Type	1/4
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m <sup>2</sup> )/( W/ft <sup>2</sup> )	580/145(53.88/13.47)
	Heat Generated(Max./Avg.)(BTU/h/m <sup>2</sup> ) / (BTU/h/ft <sup>2</sup> )	1980/495(183.75/46.00)
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-30~+50
	Storage Humidity (RH)	10%~90%
	Operating Humidity (RH)	10%~90%
	IP Rating (Front/Rear)	IP66/IP66
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Fixed
	Max Rigging QTY.	/
	Certificate	CE,FCC,CCC,ETL

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

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# Shenzhen Absen Optoelectronic Co., Ltd.

## A1025- Specifications

Version: V20250708

Parameter		Value
Physical Parameter	LED Type	SMD 3in1 2727
	Pixel Pitch (mm)	10
	Panel Dimensions (WxHxD)/(mm /inch)	1280x960x82(50.39x37.8x3.23)
	Pixel Per Panel	128x96
	Panel Weight (kg /lbs)	35(77)
	Panel Material	Aluminum Profile
	Module Dimensions (WxH)/(mm /inch)	320x480(12.6x18.9)
Optoelectronic Parameter	Brightness (nit)	10000
	Refresh Rate (Hz)	≥15000
	Gray scale (Bit)	16
	Contrast Ratio	12000 : 1
	Color Temperature (K)	7500
	Viewing Angle (H/V) (°)	160/80
	Driving Type	1/2
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m <sup>2</sup> )/( W/ft <sup>2</sup> )	580/145(53.88/13.47)
	Heat Generated(Max./Avg.)(BTU/h/m <sup>2</sup> ) / (BTU/h/ft <sup>2</sup> )	1980/495(183.75/46.00)
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-30~+50
	Storage Humidity (RH)	10%~90%
	Operating Humidity (RH)	10%~90%
	IP Rating (Front/Rear)	IP66/IP66
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Front or Rear
	Panel Installation Type	Fixed
	Max Rigging QTY.	/
	Certificate	CE,FCC,CCC,ETL

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

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