



# Shenzhen Absen Optoelectronic Co., Ltd.

## CL0.9 V2- Specifications

Version: V20240401

Parameter		Value
Physical Parameter	LED Type	Flip-chip RGB
	Pixel Pitch (mm)	0.95
	Panel Dimensions (WxHxD)/(mm)	610x343x49.8
	Pixel Per Panel	640x360
	Panel Weight (kg)	5.8
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	305x343
Optoelectronic Parameter	Brightness (nit)	1000
	Refresh Rate (Hz)	3840
	Gray scale (Bit)	16
	Contrast Ratio	20000:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/160
	Driving Type	1/54
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m <sup>2</sup> )	420/140
	Heat Generated(Max./Avg.)(BTU/h/m <sup>2</sup> )	1433/478
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-10~+40
	Storage Humidity (RH)	10%~85%
	Operating Humidity (RH)	10%~80%
	IP Rating (Front/Rear)	IP40/IP21
	Module Maintenance	Front
	PSU & Others Maintenance	Front
	Panel Installation Type	Fixed
	Max Rigging QTY.	20
	Certificate	CCC,CE,ETL,FCC

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

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# Shenzhen Absen Optoelectronic Co., Ltd.

## CL1.2 V2- Specifications

Version: V20240401

Parameter		Value
Physical Parameter	LED Type	Flip-chip RGB
	Pixel Pitch (mm)	1.27
	Panel Dimensions (WxHxD)/(mm)	610x343x49.8
	Pixel Per Panel	480x270
	Panel Weight (kg)	5.8
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	305x343
Optoelectronic Parameter	Brightness (nit)	1200
	Refresh Rate (Hz)	3840
	Gray scale (Bit)	13
	Contrast Ratio	20000:1
	Color Temperature (K)	6500
	Viewing Angle (H/V) (°)	160/160
	Driving Type	1/45
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m <sup>2</sup> )	493/165
	Heat Generated(Max./Avg.)(BTU/h/m <sup>2</sup> )	1683/563
Application Parameter	Storage Temperature (°C)	-40~+60
	Operating Temperature (°C)	-10~+40
	Storage Humidity (RH)	10%~85%
	Operating Humidity (RH)	10%~80%
	IP Rating (Front/Rear)	IP40/IP21
	Module Maintenance	Front
	PSU & Others Maintenance	Front
	Panel Installation Type	Fixed
	Max Rigging QTY.	20
	Certificate	CCC,CE,ETL,FCC

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

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