



Thunder Studios XR / Virtual Production Information Sheet

LED Wall Volume Specs

(Updated 5/5/2022)

PARAMETER		VALUE
General LED Wall Details	LED Volume Length	64 ft.
	Curve Degree	5°
	Center Depth	20.5 ft.
	Volume Resolution (Pixels / Bits)	7600x2000 px / 10 bit
Physical Parameters	LED Type	Black SMD 3in1 1515
	Pixel Pitch (mm)	2.5
	Panel Dimensions (WxHxD)/(mm)	500x500x88
	Pixel Per Panel	200x200
	Panel Weight (kg)	8.6
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelectronic Parameter	Brightness (nit)	1500
	Refresh Rate (Hz)	3840
	Gray Scale (Bit)	16
	Contrast Ratio	8800 : 1
	Color Temperature (K)	6500
	Viewing Angle (H/V)(°)	160/140
	Driving Type	1 / 20
	AC Operating Voltage (V)	100~240
	Power Consumption (Max./Avg.)(W/m2)	680/230
Application Parameter	Storage Temperature (°C)	-40° to +60°
	Operating Temperature (°C)	-10° to +40°
	Storage Humidity (RH)	10% ~ 90%
	Operating Humidity (RH)	10% ~ 90%
	IP Rating (Front/Rear)	IP40/IP21
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging Qty.	20
	Certificate	ETL,CE,ROHS,FCC
Processors Information	Processors / qty.	Brompton SX40 / 3

All of the materials on this sheet are confidential and Consultant agrees that they shall not be made available to any individual or organization without the prior written approval of Thunder Studios Inc.

LED Ceiling Specs

(Updated 5/5/2022)

PARAMETER		VALUE
Physical Parameters	LED Type	SMD 3in1 1515
	Pixel Pitch (mm)	4.68
	Panel Dimensions (WxHxD)/(mm)	600x600x100
	Pixel Per Panel	128x128
	Panel Weight (kg)	5.4
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	300x300
	LED Ceiling Resolution (Pixels / Bits)	2048x896 px / 10 bit
	Max Height from Floor	15 ft.
Optoelectronic Parameter	Brightness (nit)	3000
	Refresh Rate (Hz)	3840
	Gray Scale (Bit)	16
	Contrast Ratio	10000 : 1
	Color Temperature (K)	6500
	Viewing Angle (H/V)(°)	160/140
	Driving Type	1/8
	AC Operating Voltage (V)	100 ~ 240
	Power Consumption (Max./Avg.)(W/m2)	379/126
Application Parameter	Storage Temperature (°C)	-40° to +60°
	Operating Temperature (°C)	-10° to +40°
	Storage Humidity (RH)	10% ~ 90%
	Operating Humidity (RH)	10% ~ 90%
	IP Rating (Front/Rear)	IP40/IP21
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging Qty.	20
	Certificate	ETL,CE,ROHS,FCC
Motorized Mount	Motorized Track	Yes
	Motorized Track Functions	Can move up, down and away to reduce or increase light and refelctions.

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