

## TVF LED Wall display Specification



### 1. Product Summary

Model	Pitch (mm)	Unit dimensions (mm) (W×H×D)
TVF009	0.9	604.8X340.2x72.5
TVF011	1.18	604.8X340.2x72.5
TVF012	1.26	604.8X340.2x72.5
TVF014	1.454	604.8X340.2x72.5
TVF015	1.575	604.8X340.2x72.5
TVF018	1.89	604.8X340.2x72.5
TVF025	2.5	604.8X340.2x72.5
TVF040	4.0	604.8X340.2x72.5

TVF LED Wall display Specification

2.1 Product Specification

	Parameter Name	TVF009	TVF011	TVF012
Unit Composition	Pixel Pitch (mm)	0.945	1.18	1.26
	LED Type	Commercial Grade 3 in 1	Commercial Grade 3 in 1	Commercial Grade 3 in 1
	Module Resolution (W×H)	320x180	256x144	240x135
	Pixel Configuration	SMD 3 in 1		
	LED Configuration	1R 1G 1B	1R 1G 1B	1R 1G 1B
	Module Dimensions (mm) (W×H)	302.4x170.1	302.4x170.1	302.4x170.1
	Module Weight (kg)	0.52	0.52	0.52
	Composition of Unit Module (WxH)	2x2	2x2	2x2
	Unit Resolution (W×H)	640x360	512x288	480x270
	Unit Dimensions (mm) (W×H×D)	604.8x340.2x72.5	604.8x340.2x72.5	604.8x340.2x72.5
	Unit Area (m <sup>2</sup> )	0.2058	0.2058	0.2058
	Weight (kg/m <sup>2</sup> )	26	26	26
	Pixel Density (point/m <sup>2</sup> )	1119789	718184	629882
	Smoothness of Display Unit (mm)	≤ 0.5	≤ 0.5	≤ 0.5
Electrical Parameters	Brightness of White Balance (nits)	600—800	600--1200	600--1200
	Brightness Uniformity	≥ 97%	≥ 97%	≥ 97%
	Contrast Ratio	7000:1	7000:1	7000:1
	Color Gamut	100% NTSC	100% NTSC	100% NTSC
	Color Temperature (K)	3000—10000	3000—10000	3000—10000
	Colors	281Trillion	281Trillion	281Trillion
	Horizontal Viewing Angle ( ° )	160	160	160
	Vertical Viewing Angle ( ° )	160	160	160
	Deviation of the Center Distance of Luminous Point	<3%	<3%	<3%
	Peak Power Consumption (W/m <sup>2</sup> )	600	600	600
	Average Power Consumption (W/m <sup>2</sup> )	250	250	250
	Power Supply Requirements	AC100~240V (50/60Hz)	AC100~240V (50/60Hz)	AC100~240V (50/60Hz)
	Frame Frequency (Hz)	50&60	50&60	50&60
	Refresh Rate (Hz)	1920~3840Hz	1920~3840Hz	1920~3840Hz
	Grey Scale Processing	16 Bits	16 Bits	16 Bits
	IP Rating (Front/Rear)	IP30/IP20	IP30/IP20	IP30/IP20
	Service Access	Front/Rear		
	Operating Temperature	-10 to 40°C		
	Operating Humidity	10 – 80% RH		
	LED Lifespan	1,00,000 Hours		
Cabinet Material	Die-Cast Aluminum			
Certification	CE, FCC,CB, cTUVus (UL), BIS			

Parameter Name		TVF014	TVF015	TVF018
Unit Composition		1.454	1.575	1.89
	LED Type	Commercial Grade 3 in 1	Commercial Grade 3 in 1	Commercial Grade 3 in 1
	Module Resolution (W×H)	208x117	192x108	160x90
	Pixel Configuration	SMD 3 in 1		
	LED Configuration	1R 1G 1B	1R 1G 1B	1R 1G 1B
	Module Dimensions (mm) (W×H)	302.4x170.1	302.4x170.1	302.4x170.1
	Module Weight (kg)	0.52	0.52	0.52
	Composition of Unit Module (WxH)	2x2	2x2	2x2
	Unit Resolution (W×H)	416x234	384x216	320x180
	Unit Dimensions (mm) (W×H×D)	604.8x340.2x72.5	604.8x340.2x72.5	604.8x340.2x72.5
	Unit Area (m <sup>2</sup> )	0.2058	0.2058	0.2058
	Weight (kg/m <sup>2</sup> )	26	26	26
	Pixel Density (point/m <sup>2</sup> )	473111	403124	279947
	Smoothness of Display Unit (mm)	≤ 0.5	≤ 0.5	≤ 0.5
Electrical Parameters	Brightness of White Balance (nits)	600—1200	600--1200	600--1200
	Brightness Uniformity	≥ 97%	≥ 97%	≥ 97%
	Contrast Ratio	7000:1	7000:1	7000:1
	Color Gamut	100% NTSC	100% NTSC	100% NTSC
	Color Temperature (K)	3000—10000	3000—10000	3000—10000
	Colors	281Trillion	281Trillion	281Trillion
	Horizontal Viewing Angle ( ° )	160	160	160
	Vertical Viewing Angle ( ° )	160	160	160
	Deviation of the Center Distance of Luminous Point	<3%	<3%	<3%
	Peak Power Consumption (W/m <sup>2</sup> )	600	600	600
	Average Power Consumption (W/m <sup>2</sup> )	250	250	250
	Power Supply Requirements	AC100~240V (50/60Hz)	AC100~240V (50/60Hz)	AC100~240V (50/60Hz)
	Frame Frequency (Hz)	50&60	50&60	50&60
	Refresh Rate (Hz)	1920~3840Hz	1920~3840Hz	1920~3840Hz
	Grey Scale Processing	16 Bits	16 Bits	16 Bits
	IP Rating (Front/Rear)	IP30/IP20	IP30/IP20	IP30/IP20
	Service Access	Front/Rear		
	Operating Temperature	-10 to 40°C		
	Operating Humidity	10 – 80% RH		
	LED Lifespan	1,00,000 Hours		
Cabinet Material	Die-Cast Aluminum			
Certification	CE, FCC,CB, cTUVus (UL), BIS			

Parameter Name		TVF025	TVF040
Unit Composition		2.5	4
	LED Type	Commercial Grade 3 in 1	Commercial Grade 3 in 1
	Module Resolution (W×H)	120x68	75x42
	Pixel Configuration	SMD 3 in 1	
	LED Configuration	1R 1G 1B	1R 1G 1B
	Module Dimensions (mm) (W×H)	302.4x170.1	302.4x170.1
	Module Weight (kg)	0.52	0.52
	Composition of Unit Module (W×H)	2x2	2x2
	Unit Resolution (W×H)	240x136	120x68
	Unit Dimensions (mm) (W×H×D)	604.8x340.2x72.5	604.8x340.2x72.5
	Unit Area (m <sup>2</sup> )	0.2058	0.2058
	Weight (kg/m <sup>2</sup> )	26	26
	Pixel Density (point/m <sup>2</sup> )	158637	61256
	Smoothness of Display Unit (mm)	≤ 0.5	≤ 0.5
	Electrical Parameters	Brightness of White Balance (nits)	800—1200
Brightness Uniformity		≥ 97%	≥ 97%
Contrast Ratio		7000:1	7000:1
Color Gamut		100% NTSC	100% NTSC
Color Temperature (K)		3000—10000	3000—10000
Colors		281Trillion	281Trillion
Horizontal Viewing Angle ( ° )		160	160
Vertical Viewing Angle ( ° )		160	160
Deviation of the Center Distance of Luminous Point		<3%	<3%
Peak Power Consumption (W/m <sup>2</sup> )		600	600
Average Power Consumption (W/m <sup>2</sup> )		250	250
Power Supply Requirements		AC100~240V (50/60Hz)	AC100~240V (50/60Hz)
Frame Frequency (Hz)		50&60	50&60
Refresh Rate (Hz)		1920~3840Hz	1920~3840Hz
Grey Scale Processing		16 Bits	16 Bits
IP Rating (Front/Rear)		IP30/IP20	IP30/IP20
Service Access		Front/Rear	
Operating Temperature		-10 to 40°C	
Operating Humidity		10 – 80% RH	
LED Lifespan		1,00,000 Hours	
Cabinet Material	Die-cast Aluminum		
Certification	CE, FCC, CB, cTUVus (UL), BIS		

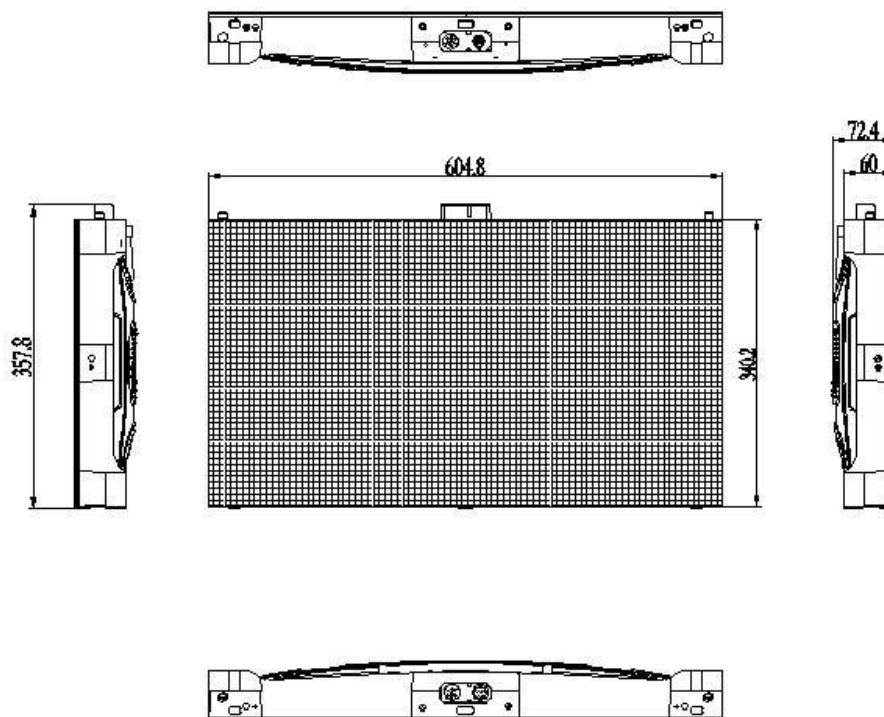
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### 2.2 Product Appearance and Dimension

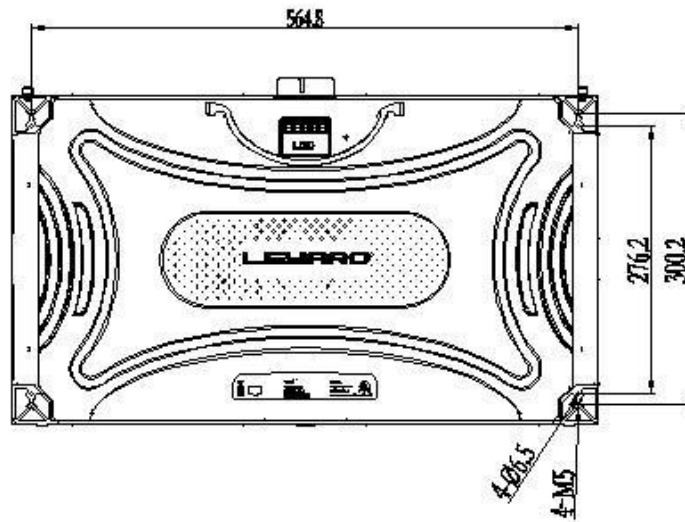
Unit: mm



TVF Module



LED Wall display Specification



*Specifications are subject to change without notice.*

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