



MESH



## About ClearLED

ClearLED displays are trusted by leading brands around the globe to get you noticed. This unique display solution is sleek, lightweight, and modular. It offers second-to-none brightness, up to 93% transparency for daylight filtering, and creative versatility to meet every need—whether indoor, outdoor, flat, curved, or cylindrical—from window-size posters up to giant custom wall installations. ClearLED is designed to deliver high impact and unbeatable return on investment.

Contact us today to find out how to get noticed.

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#### ➤ High transparency

The width of LED bar is less than 7mm, so that the transparency rate maximum to 60%, LED screen installed inside or outside of glass wall, make no difference on indoor lighting. LED screen installed on the top of building, high transparency rate reduce wind drag efficiently.

#### ➤ High Brightness

High brightness SMD 2727 LED source, good color consistency, LED screen brightness maximum to more than 6000cd, meet the needs of used in the daytime completely.

#### ➤ Easy Maintenance

LED bar can be maintained before or after installation, different fixation method is available according to different applications, maintained before installation is adopted when LED screen installed inside of glass wall, maintained after installation is adopted when LED screen installed outside of glass wall.

#### ➤ Flexible control

LED bar is of parallel transfer signal control mode, each bar can work independently, make no any difference on the others bar when demount one random bar, moreover, the length can be customized to meet the needs of complicated installation environment and unregulated sculpt.

#### ➤ Long distance power supply

The screen adopt voltage solution of patent technology is available for super remote power-feeding. so that power cabinet can be placed at suitable position in accordance with actual situation, don't effect the site neatness.

#### ➤ Hight protection level

IP65 protection level, indoor or outdoor use, and adopt high strength aircraft-grade aluminum alloy, special environmental Photostatting filming of bichromate to have good heat dissipation and anti-corrosion performance.

#### ➤ Ultra light weight

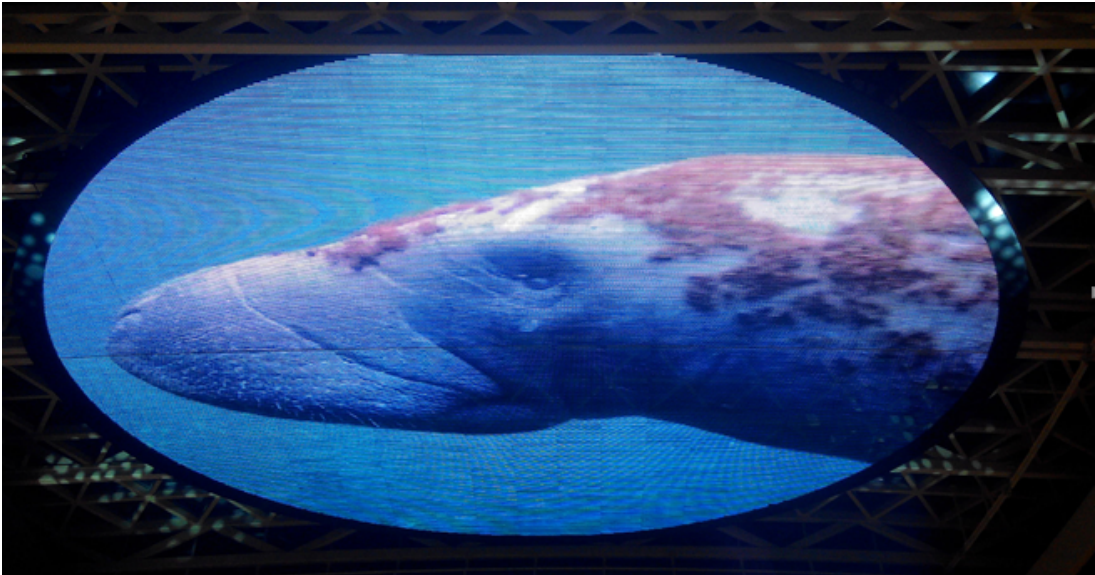
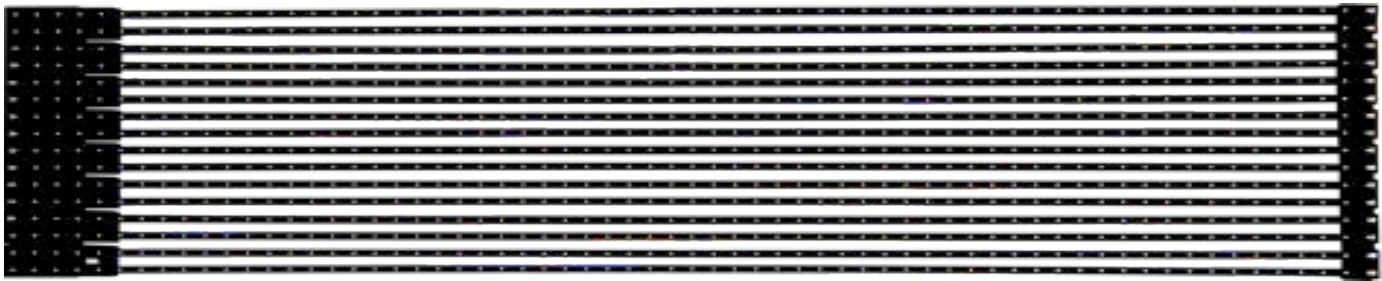
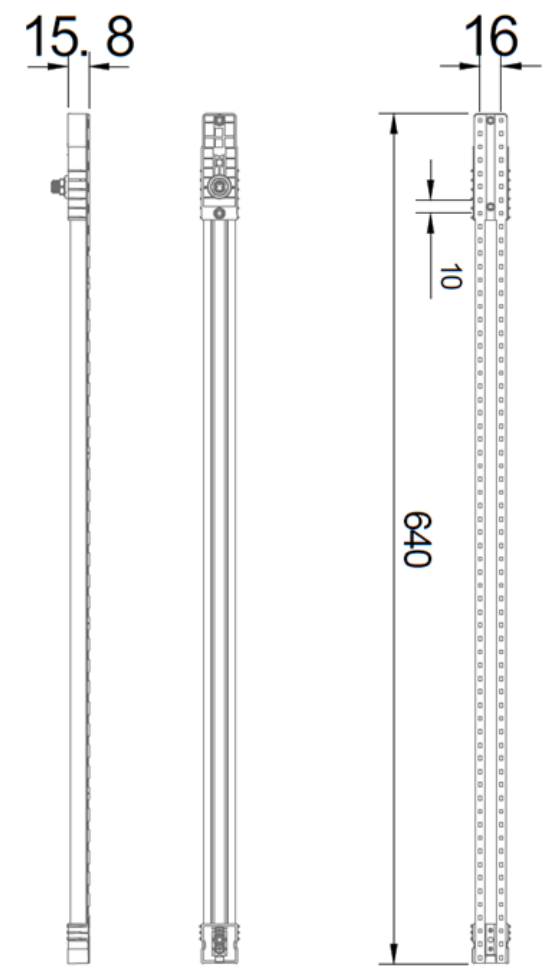
The weight per square meter is less than 11 kg, has characteristics of easily fixed to reduce the labor and transportation costs.





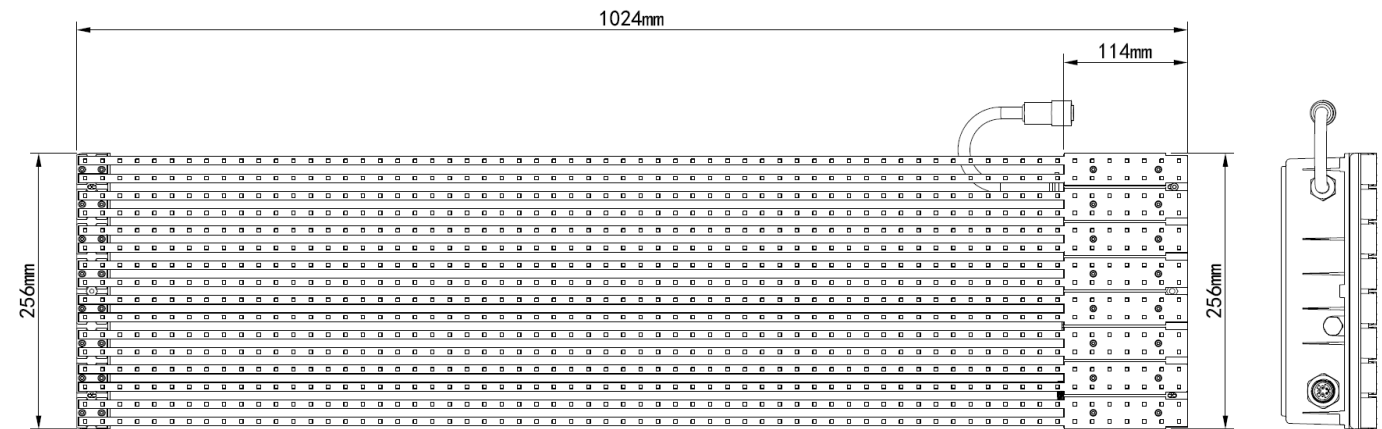
# Mesh10x16Tech specs

LED SPEC			
LED Brand	/	NATIONSTAR 2727	
Pixel Pitch	mm	10x16	
LED Encapsulation	/	SMD 3-in-1	
MODULE			
LED Bar Size	mm	24	640
LED Bar Resoluton	dots	2	64
Panel Size	mm	256 x 1000mm	
Weight	kgs/m²	12	
Brightness	nits	>10,000	
Resolution	dots/m²	6250	
Ingress Protection	/	IP67	
Refresh Rate	Hz	>11520 Hz	
Transparency	/	>52%	
Viewing Angle (Horizontal/ Vertical)	degree	H:120 degree	V: 120 degree
Serviceability	/	Back	
Life Time	hours	100,000	
Video Signal Input Interface	/	Ethernet / Optical Fiber/ Wifi etc.	
Working Temperature Range	°C and °F	-20 to +70 C	-68 to +122F
Average Power Consumption	watts/sqm	285	
Maximum Power Consumption	watts/sqm	850	
Operation power voltage	volt	AV85~265V	
Certifications	/	UL, FCC, CE	



# Mesh16Tech specs

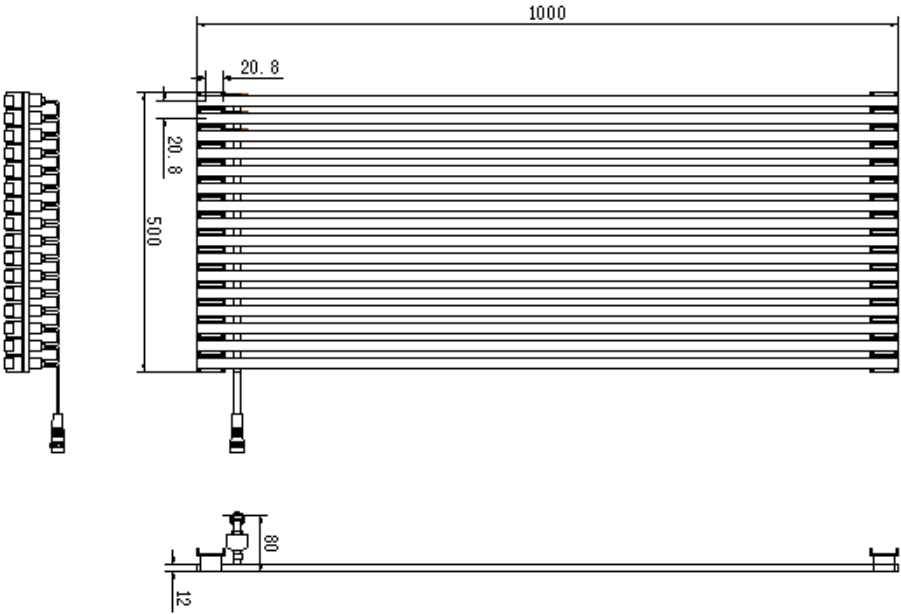
LED SPEC			
LED Brand	/	NationStar	
Pixel Pitch	mm	16	
LED Encapsulation	/	SMD3535/ DIP 1R1G1B	
MODULE			
Module Size (W x H)	mm	1024	256
	inches	40	10
Weight	kgs/m²	15	
	lbs/m²	33	
Brightness	nits	SMD: >7500 nits	DIP: >15,000 nits
Module Resoluton (W x H)	pixel	64	16
Ingress Protection	/	IP67	
Refresh Rate	Hz	>1520Hz	
Transparency	/	54%	
Viewing Angle (Horizontal/ Vertical)	degree	H:120 degree	V: 120 degree
Serviceability	/	BACK	
Life Time	hours	100,000	
Video Signal Input Interface	/	Ethernet / Optical Fiber/ Wifi etc.	
Working Temperature Range	°C and °F	-20 to +45 C	-68 to +122F
Average Power Consumption	watts/sqm	230	
Maximum Power Consumption	watts/sqm	765	
Operation power voltage	volt	AV85~265V	
Certifications	/	UL, FCC, CE	





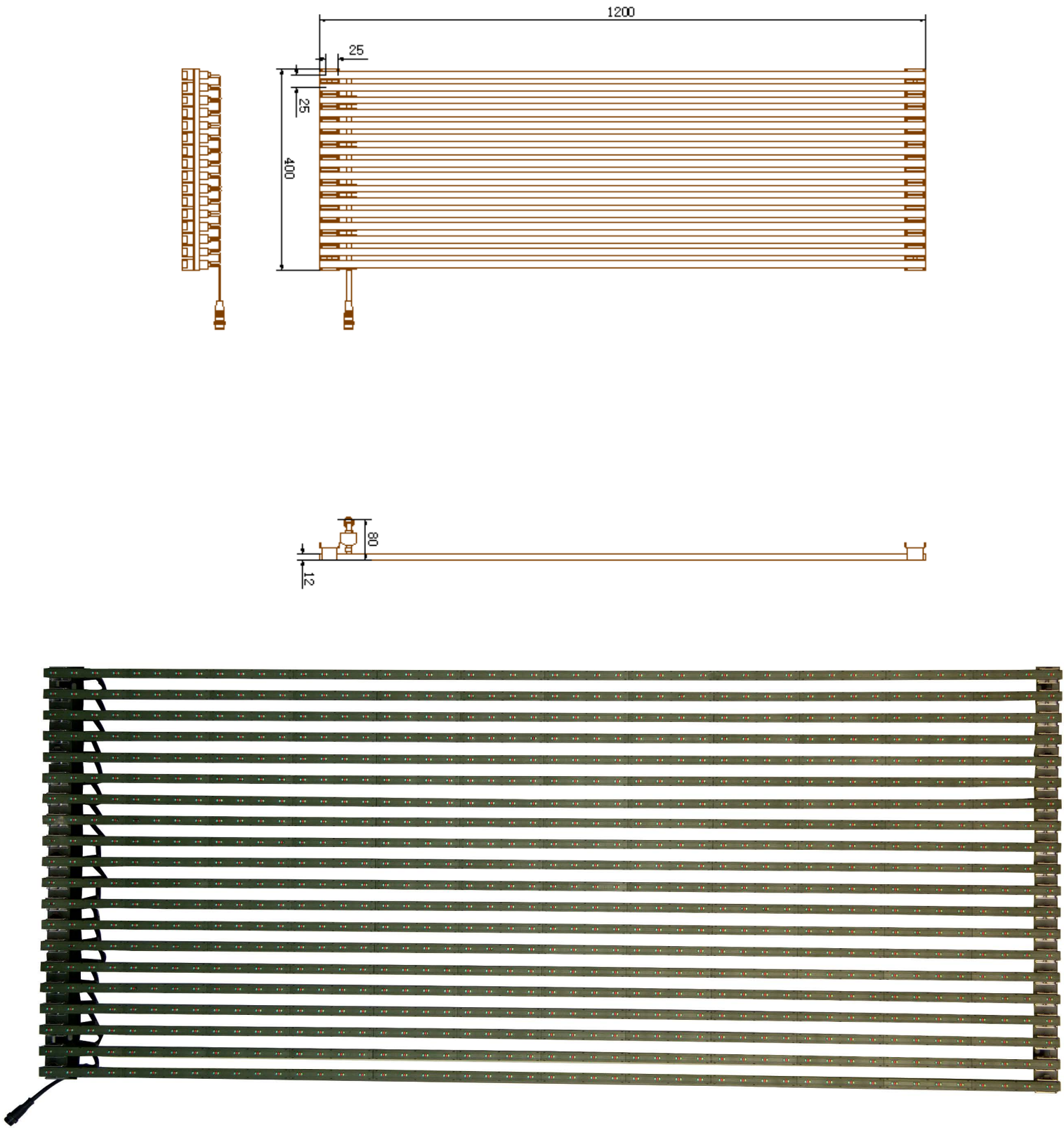
# Mesh20Tech specs

LED SPEC			
LED Brand	/	NationStar	
Pixel Pitch	mm	20.8	
LED Encapsulation	/	SMD 3535/DIP 1R1G1B	
PANEL			
Panel Size (W x H)	mm	1000	500
	inches	39.4	20
Weight	kgs/ m²	15	
	lbs/m²	33	
Brightness	nits	SMD: >6500	DIP: >10,000
Panel Resoluton (W x H)	pixel	48	24
Resolution	pixel /m²	2304	
Refresh Rate	Hz	>11520Hz	
Viewing Angle (Horizontal/ Vertical)	degree	H:120 degree	V: 120 degree
Ingress Protection	/	IP67	
Life Time	hours	>50,000	
Video Signal Input Interface	/	Ethernet / Optical Fiber/ Wifi etc.	
Working Temperature Range	°C and °F	-20 to +45 C	-68 to +158F
Grey Scale Level	/	65536	
Transparency	/	>65%	
Working Humidity	/	20%-95%RH	
Average Power Consumption	watts/m²	200	
Maximum Power Consumption	watts/m²	610	
Operation power voltage	volt	AC85 ~ 265V	
Certifications	/	UL, CE, FCC	



# Mesh25 Tech specs

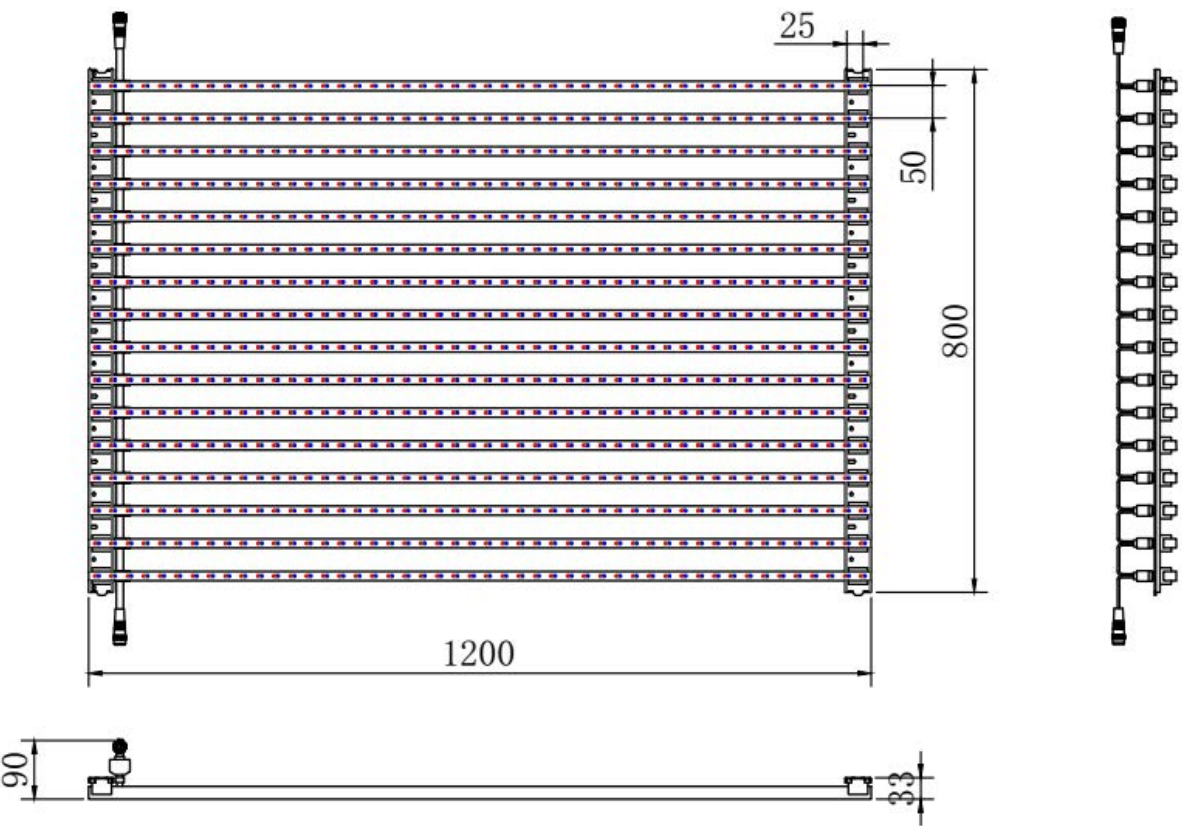
LED SPEC			
LED Brand	/	NATIONSTAR	
Pixel Pitch	mm	25	
LED Encapsulation	/	SMD3535/DIP 1R1G1B	
MODULE			
Module Size (W x H)	mm	1200	400
	inches	47	15.75
Weight	kgs/m²	15	
	lbs/m²	33	
Brightness	nits	SMD: >5000	DIP: >9000
Module Resoluton (W x H)	pixel	48	16
Transparency	/	>45%	
Ingress Protection	/	IP67	
Refresh Rate	Hz	>5000Hz	
Viewing Angle (Horizontal/ Vertical)	degree	H:120 degree	V: 120 degree
Serviceability	/	BACK	
Life Time	hours	100,000	
Video Signal Input Interface	/	Ethernet / Optical Fiber/ Wifi etc.	
Working Temperature Range	°C and °F	-20 to +50 C	-68 to +122F
Average Power Consumption	watts/sqm	135	
Maximum Power Consumption	watts/sqm	400	
Operation power voltage	volt	DC36-48V	
Certifications	/	UL, FCC, CE	





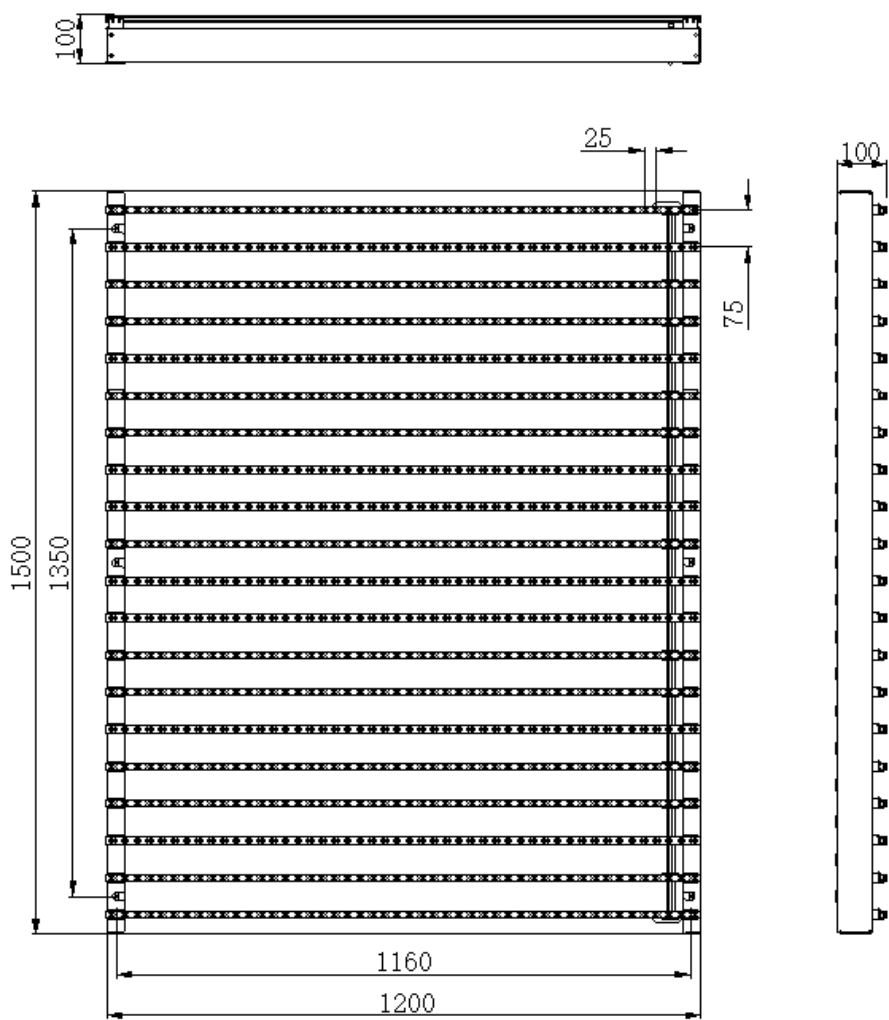
# Mesh 25\*50Tech specs

LED SPEC			
LED Brand	/	NATIONSTAR	
Pixel Pitch	mm	25 x 50	
LED Encapsulation	/	SMD3535/DIP 2R2G2B	
MODULE			
Module Size (W x H)	mm	1200	800
	inches	47	31.5
Weight	kgs/m²	15	
	lbs/m²	33	
Brightness	nits	SMD: >2250 nits	DIP: >7500 nits
Module Resoluton (W x H)	pixel	48	16
Transparency	/	>72%	
Ingress Protection	/	IP67	
Refresh Rate	Hz	>5000Hz	
Viewing Angle (Horizontal/ Vertical)	degree	H:120 degree	V: 120 degree
Serviceability	/	BACK	
Life Time	hours	≥50,000	
Video Signal Input Interface	/	Ethernet / Optical Fiber/ Wifi etc.	
Working Temperature Range	°C and °F	-40 to +50 C	-104 to +122F
Average Power Consumption	watts/m²	80	
Maximum Power Consumption	watts/m²	250	
Operation power voltage	volt	DC36-48V	
Certifications	/	UL, FCC, CE	



# Mesh25\*75 Tech Specs

LED SPEC			
LED Brand	/	NATIONSTAR	
Pixel Pitch	mm	25 x 75	
LED Encapsulation	/	SMD3535/DIP 2R2G2B	
MODULE			
Module Size (W x H)	mm	1200	1500
	inches	47	59
Weight	kgs/m²	15	
	lbs/m²	33	
Brightness	nits	SMD: >1150 nits	DIP: >4500 nits
Module Resoluton (W x H)	pixel	48	20
Transparency	/	>81%	
Ingress Protection	/	IP67	
Refresh Rate	Hz	>5000Hz	
Viewing Angle (Horizontal/ Vertical)	degree	H:120 degree	V: 120 degree
Serviceability	/	BACK	
Life Time	hours	≥50,000	
Video Signal Input Interface	/	Ethernet / Optical Fiber/ Wifi etc.	
Working Temperature Range	°C and °F	-40 to +50 C	-104 to +122F
Average Power Consumption	watts/m²	57	
Maximum Power Consumption	watts/m²	170	
Operation power voltage	volt	DC36-48V	
Certifications	/	UL, FCC, CE	



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