

GRANITE

ULTRA HD & MODULABLE DISPLAY



FIXED INDOOR

P1.95 P2.6 P3.13 P3.91 P4.8 P6.9 P7.8

ARTIXIUM
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GRANITE

OVERVIEW



With a wide range of pixel pitch going from P1.95 to P7.8 for your indoor fixed installations, the GRANITE is most suitable for monitoring rooms, conference rooms, traffic command centers but could be well suited for other types of applications such as hotels, shopping centers, churches etc... Only 10 to 15 kg per cabinet, the GRANITE is able to create 90 degrees angled displays.

ULTRA HD LED DISPLAY

INDOOR (IP30)

P1.95 - P2.6 - P3.13 - P3.91 - P4.81 - P6.94 P7.81

BACK & FRONT MAINTENANCE

1000 - 3000 NITS @5Volts

10 - 15 KG/CABINET

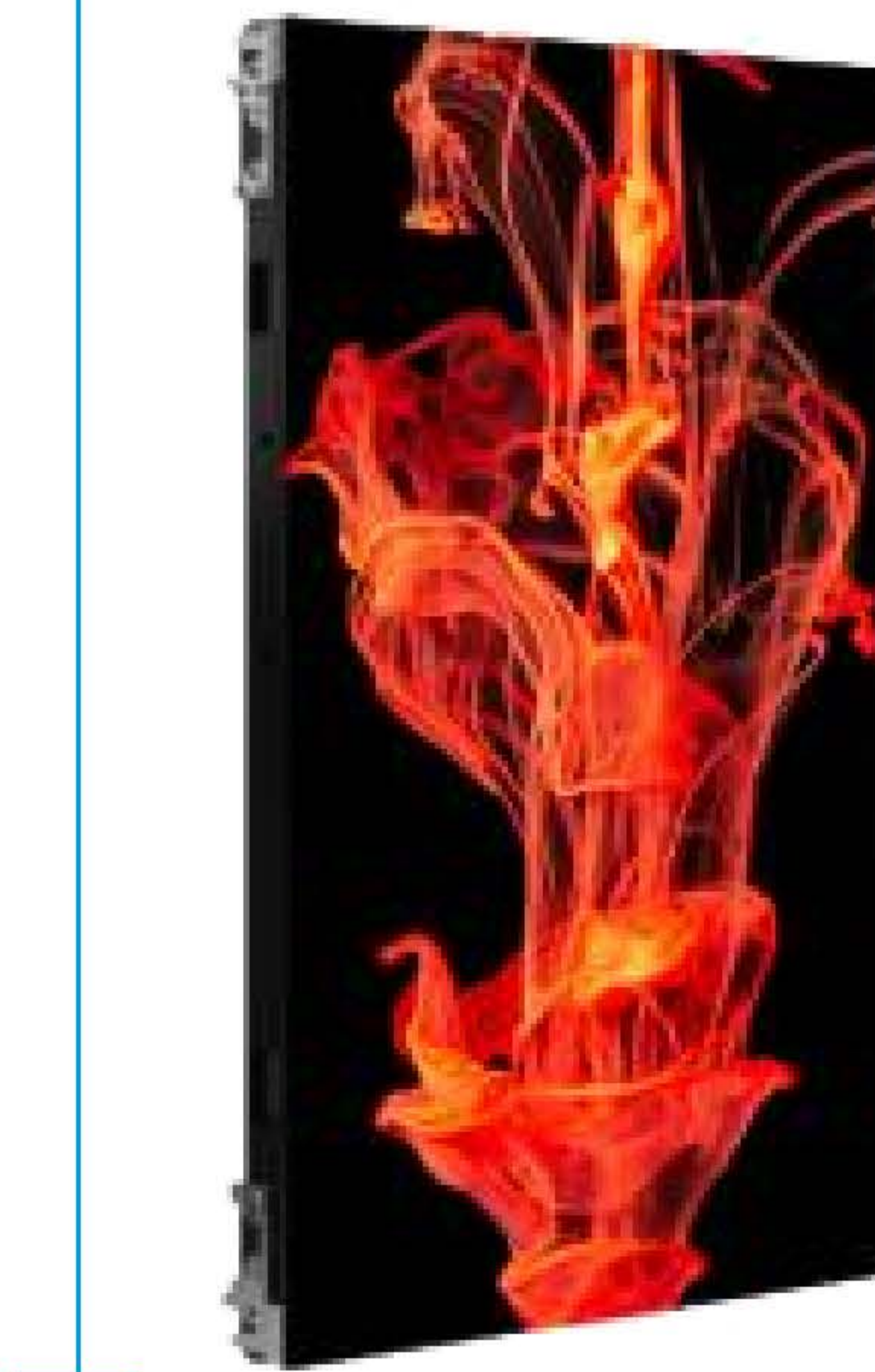
ALUMINUM ANODISED

✂ 3 Different Sizes

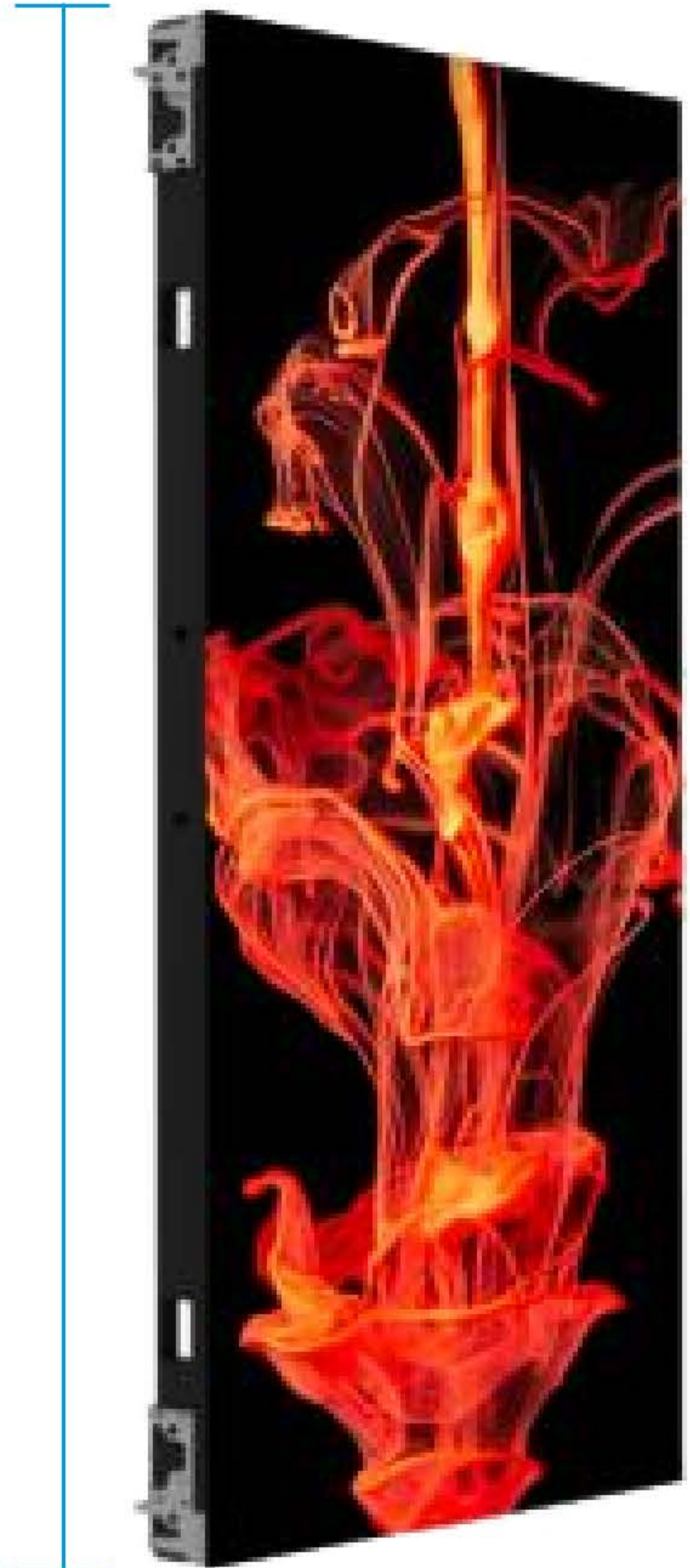
500 x 500 x 59 mm



500 x 750 x 59 mm



500 x 1000 x 59 mm

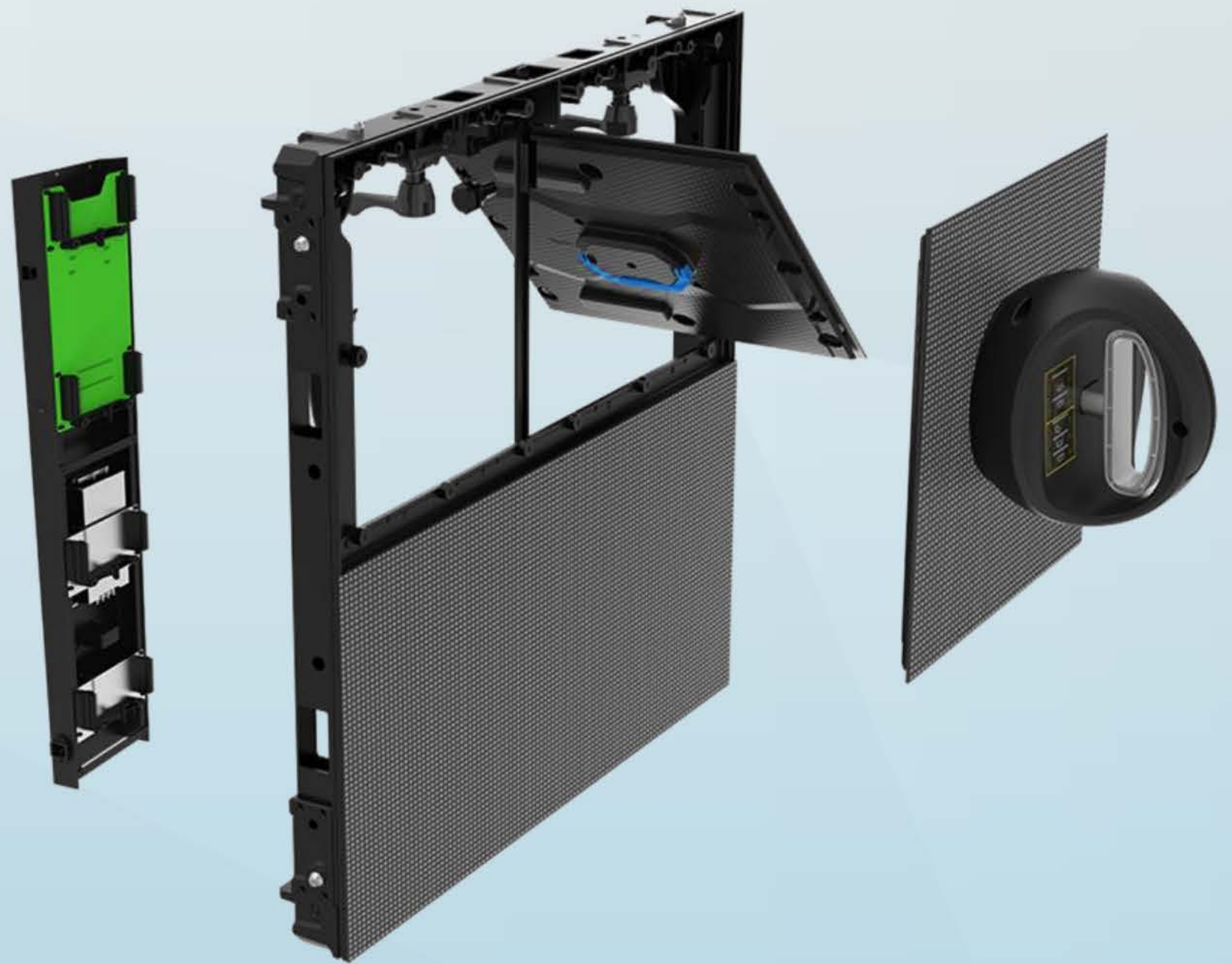


GRANITE

MAIN FEATURES

✂ FRONT & BACK MAINTENANCE

Front and back maintenance possible with its magnet system. A magnet tool is required to access the front of the cabinet.



✂ 3 DIFFERENT CABINET SIZE

The GRANITE has 3 different standard cabinet sizes and are all compatible with each other:

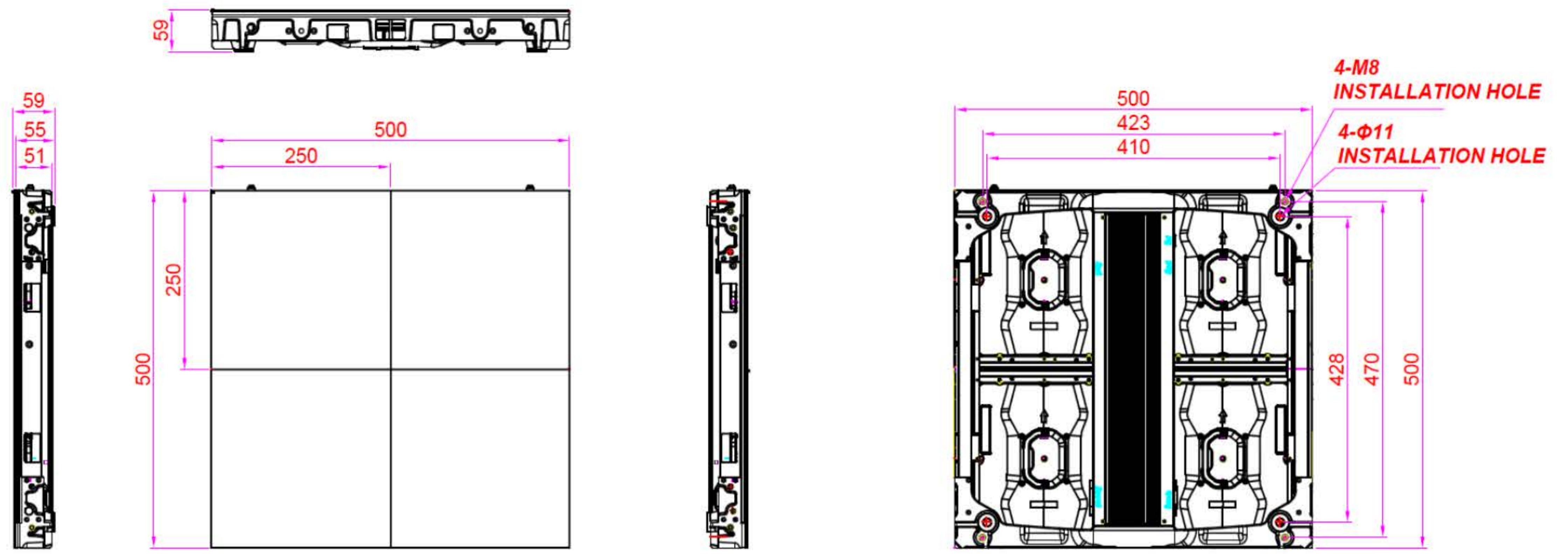
500 x 500 x 59 mm
500 x 750 x 59 mm
500 x 1000 x 59 mm



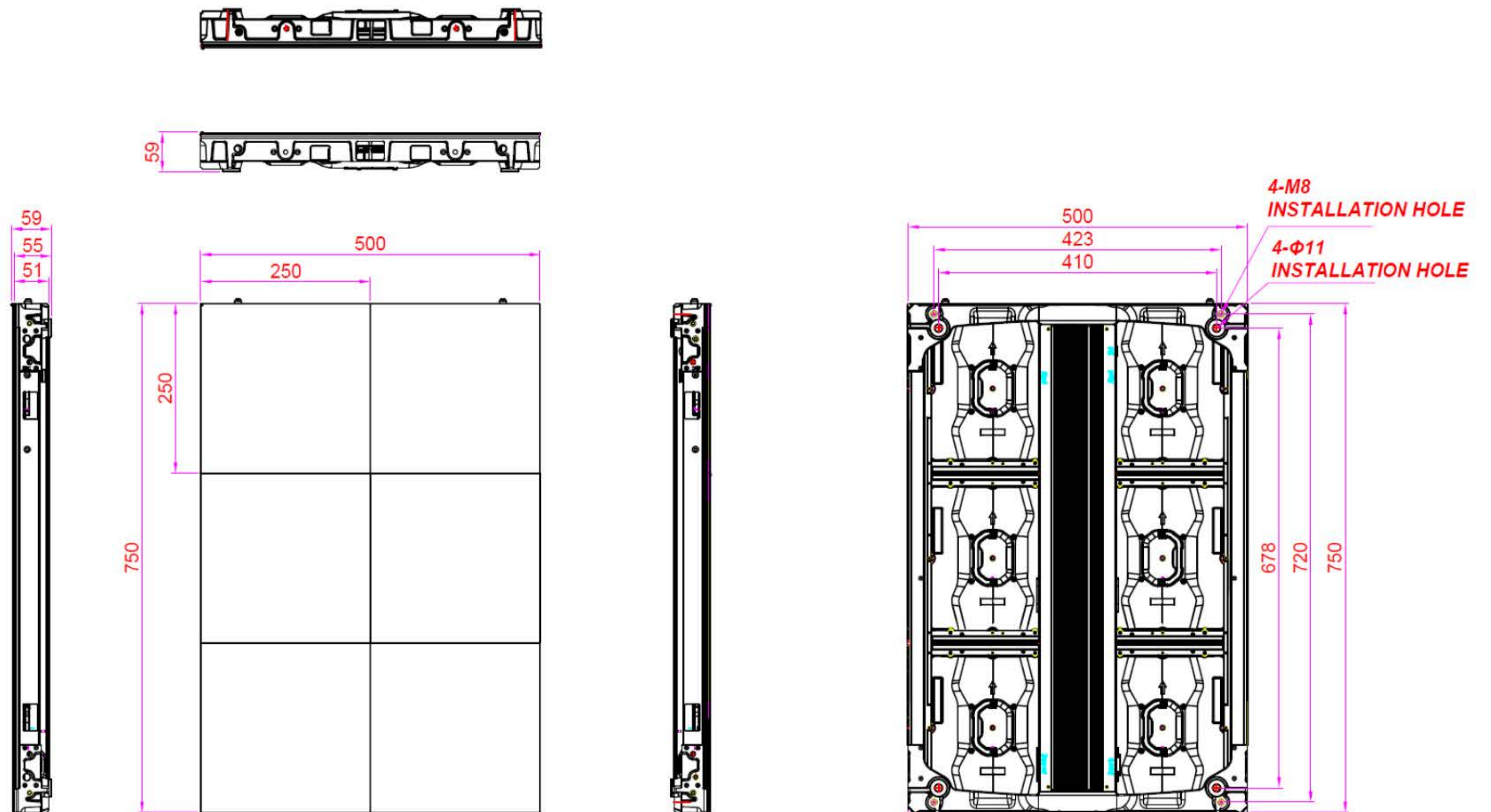
GRANITE

TECHNICAL DRAWING

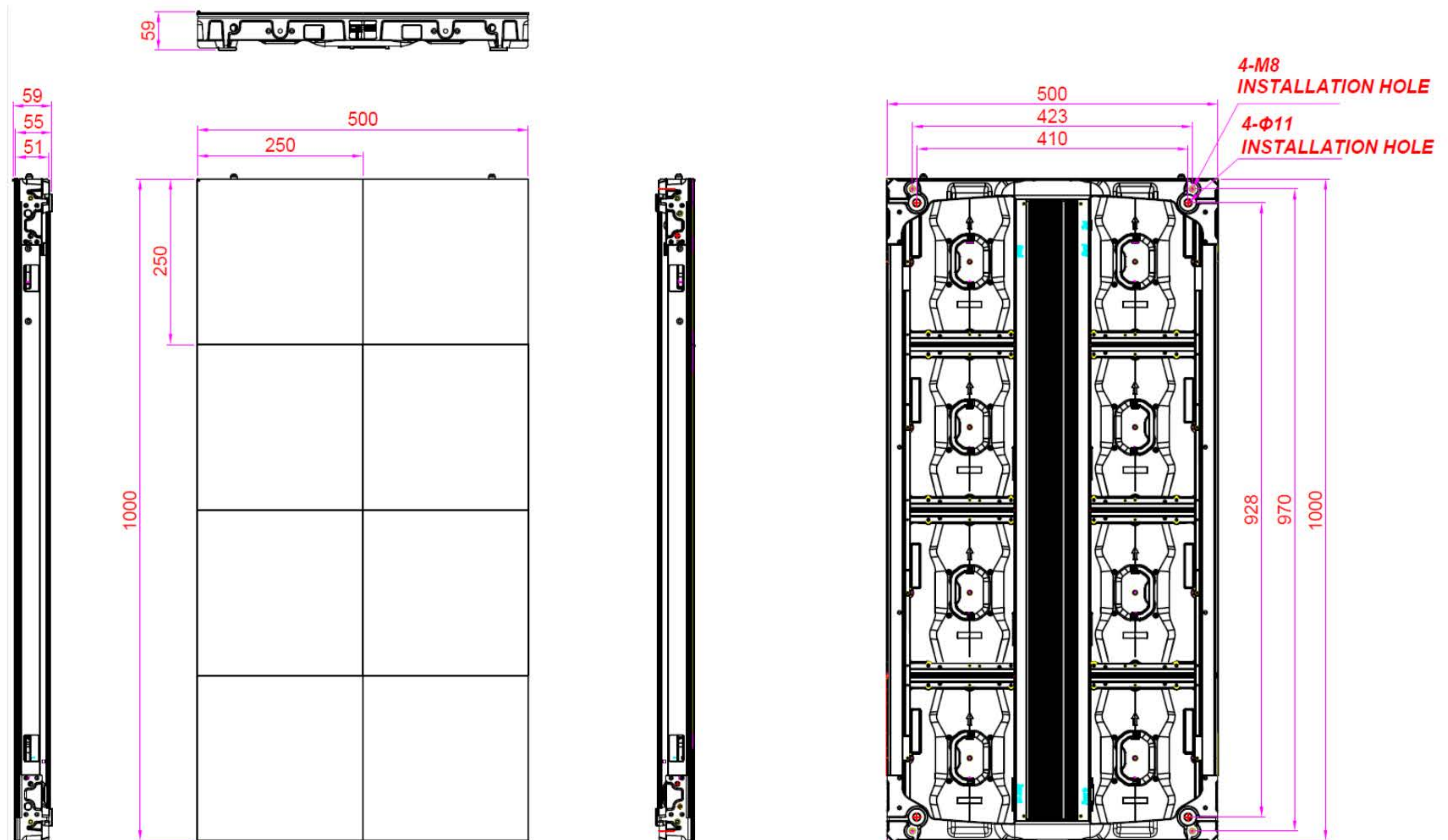
Size 1
500 x 500 x 59mm



Size 2
500 x 750 x 59mm



Size 3
500 x 1000 x 59mm



GRANITE SPECIFICATIONS

		Indoor						
Product Parameters	Unit	1,95	2,6	3,1	3,9	4,8	6,9	7,8
Pixel Pitch	mm	1,95	2,60	3,13	3,91	4,81	6,94	7,81
LED		SMD2020 Black Face						
Application		Media (Retail application)						
Ingress Protection	IP	IP30						
Brightness	cd/sqm	1000 Nits @5volts	1500 Nits @5volts	1500 Nits @5volts	3000 Nits @5volts	2000 Nits @5volts	3000 Nits @5volts	2000 Nits @5volts
Color Temperature after calib (adjustable)	deg. K	6500						
Viewing Angle (50% brightness)	deg.	140(+/-70) H / 140 V						
Cabinet Size (WxHxD) in mm	mm	500 x 500 x 59 / 500 x 750 x 59 / 500 x 1000 x 59						
Module Size (WxHxD) in mm	mm	250 x 250 x 15						
Pixel Matrix Per Cabinet (W x H)	px	256 x 256	192 x 192 / 192 x 288 / 192 x 384	160 x 160 / 160 x 240 / 160 x 320	128 x 128 / 128 x 192 / 128 x 256	104 x 104 / 104 x 156 / 104 x 208	72 x 72 / 72 x 108 / 72 x 144	64 x 64 / 64 x 96 / 64 x 128
Pixel Matrix Per Module (W x H)	px	128 x 128	96 x 96	80 x 80	64 x 64	52 x 52	36 x 36	32 x 32
Pixel Density	px/sqm	262144	147456	102400	65536	43264	20736	16384
Weight of cabinet	kg	10	10 - 13	13 - 15	15			
Cabinet Material		Aluminum Anodised						
Maintenance Mode		Front & Back Access						
Mask specification		95% Plastic + 5% Fiber / Clip type (no screws) / No Shaders						
Contrast Ratio		High						
Grey scale (linear)	bit	16						
Brightness control	bit	16						
Processing depth	bit	16						
Color		281 Trillions						
Display Refresh Rate	Hz	3840						
Operation Power	V	AC85-230V						
Max. Power Consumption per cabinet	W	Estimation: 300 W / Can change with calibration						
Average Power Consumption per cabinet	W	Estimation: 120 W / Can change with calibration						
Control Mode		Synchronisation						
Video Frame Rate	Hz	50/60Hz						
Input Types Supported		DVI / SDI / HDMI						
3D ready (optional)		yes						
Calibration		yes						
Lifetime (50% brightness)	h	50000						
Operating Humidity Range		10-95%						
Operating Temperature Range		-10°C / +50°C						
Screen Uniformity Correction								
Certification		CE / ETL / CCC						
Available options		GME (Global Module Encapsulation), Customizable size (1000 x 500 and 750 x 500 and 500 x 500)						
Compatibility		All cabinets size are compatible to each other						



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