



CITRINE

INDOOR ULTRA HD LED CABINET





OVERVIEW

The Citrine is a classic product in its composition, allowing the assembly of multiple cabinets in order to create a custom LED display against a wall, but it stands out with its performance and quality. It is thin, very light and offers a sensational quality display while being extremely low demanding in energy. Thanks to its thin pixel pitch, you can easily obtain a 2k to 4k resolution at 16:9. It comes in three sizes which also allows 90° angles as well as adjusting the height or width of your led display to better fit your needs.



APPLICATION
Indoor



BRIGHTNESS
≤ 800 NITS @ 5 volts



INGRESS PROTECTION
IP30



WEIGHT
4-7 kg/cabinet



PIXEL PITCH
P1.2 P1.5 P1.8 P2 P2.5



MATERIAL
Die-casting aluminum



DISPLAY AREA (W x H)
480 x 540 mm
240 x 540 mm
480 x 270 mm



MAINTENANCE
Front maintenance



FEATURES

480 x 540 x 52.6 mm

240 x 540 x 53.6 mm

480 x 270 x 52.6 mm

LOCKING SYSTEM

AIR COOLING

DIE CASTING ALUMINUM FRAME

CONICAL PIN

ANGLE BEVELED AT 45°

2K/4K READY PIXEL PITCH AT 16:9

HIGH QUALITY DISPLAY

Designed for the middle and high-end market, the Citrine offers a range of fine pixel pitches from P1.2 to P2.5 that allows for a high-resolution display. By using the standard 16:9 golden ratio ca-

binet, you can even offer your customers the amazing visual experience of a 2k or 4k display that will make your business stand out.



CNC CUT FRAME



90° ANGLE WITH
TWO BEVELED CABINETS



2K AND 4K DISPLAY
WITH THE 16:9 RATIO

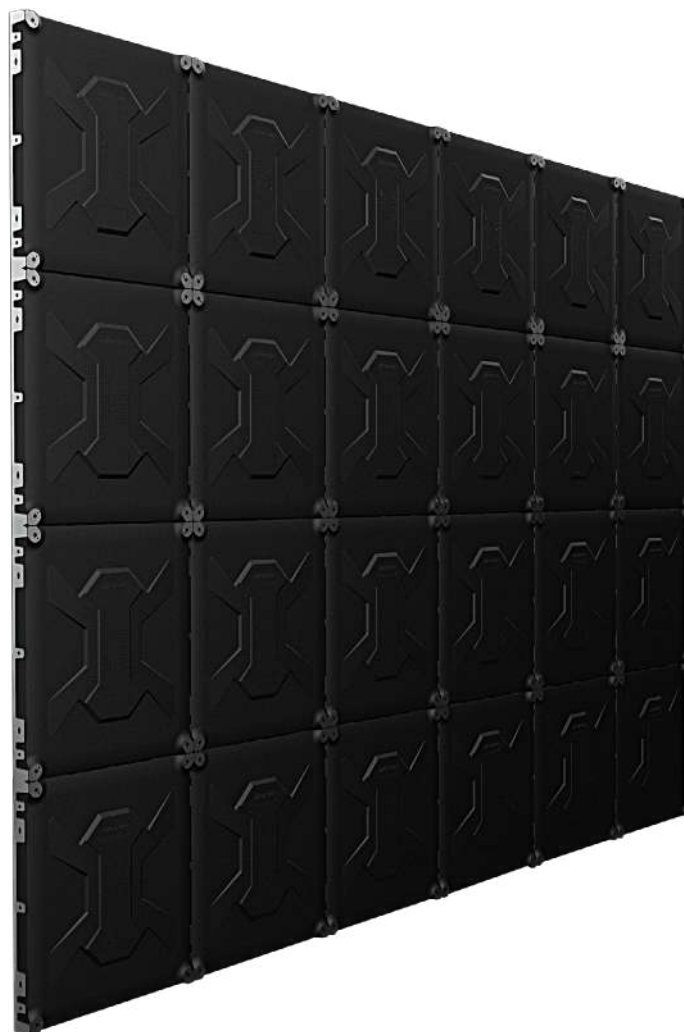
FRONT MAINTENANCE

Both thin and light for a product of this category, the Citrine is an ideal solution for wall-led displays thanks to its front maintenance with a vacuum sucker tool. The replacement of the different modules of the Citrine is a one-man job, reducing the labor cost for maintaining it.



LOW POWER CONSUMPTION

The Citrine is amazingly cost-effective when it comes to power consumption, when active, it only consumes around 55W/module. It is about half the power consumption of other products from our product range with a similar cabinet size.





TECHNICAL SPECIFICATIONS

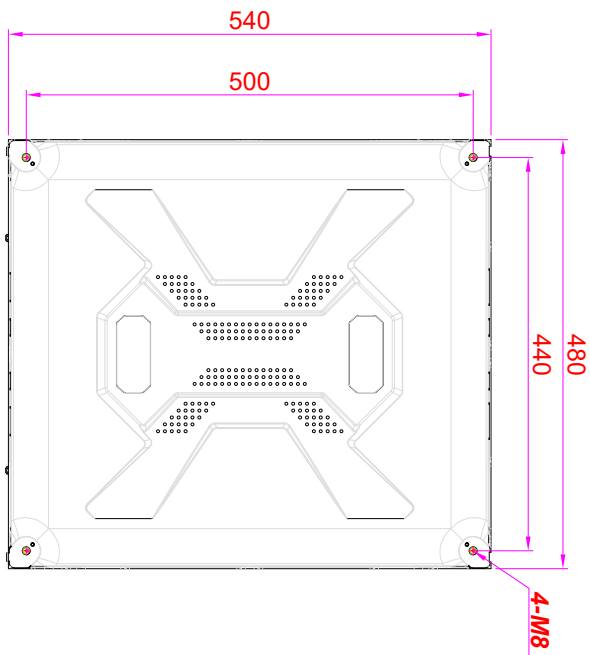
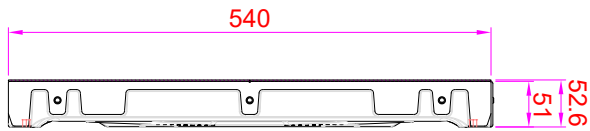
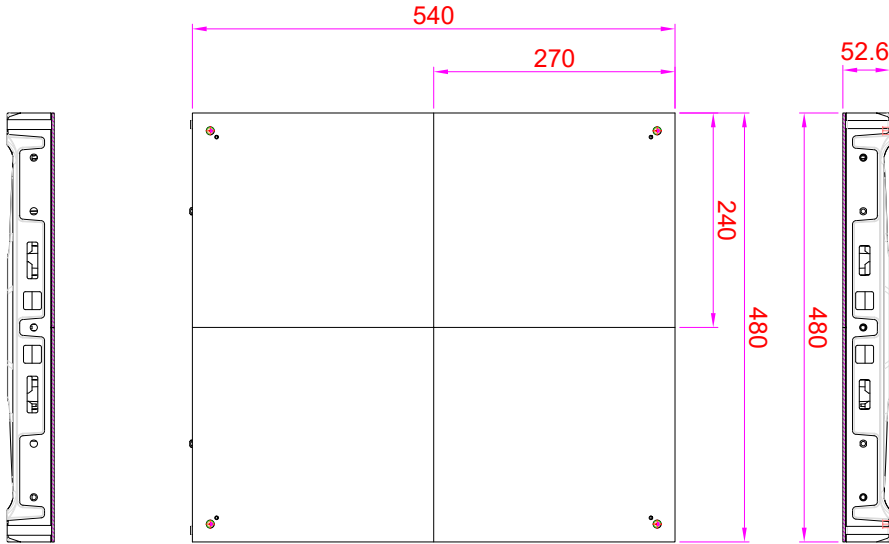
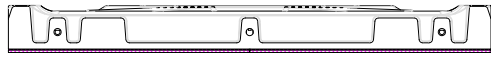
Product Parameters	Unité	INDOOR				
		1.2	1.5	1.8	2.0	2.5
Pixel Pitch	mm	1,25	1,50	1,88	2,00	2,50
LED		SMD1010 3in1	SMD1212 3in1	SMD1515 3in1		SMD2121 3in1
Application		Media UHD				
Ingress Protection	IP	IP30				
Brightness	cd/m²	≤ 800 Nits @5volts				
Color Temperature after calib (adjustable)	deg. K	3200-9300 Adjustable				
Viewing Angle (50% brightness)	deg.	160 H / 160 V				
Cabinet Size (WxHxD)	mm	480 x 540 x 54 / 240 x 540 x 54 / 480 x 270 x 54				
Display area (WxH)	mm	480 x 540 / 240 x 540 / 480 x 270				
Module Size (WxHxD)	mm	240 x 270 x 15				
Pixel Matrix Per Cabinet (WxH)	px	384 x 432 192 x 432 384 x 216	320 x 360 160 x 360 320 x 180	256 x 288 128 x 288 256 x 144	240 x 270 120 x 270 240 x 135	192 x 216 96 x 216 192 x 108
Pixel Matrix Per Module (WxH)	px	192 x 216	160 x 180	128 x 144	120 x 135	96 x 108
Pixel Density	px/m²	640000	444444	284444	250000	160000
Weight of cabinet	kg	7 / 4 / 4				
Cabinet Material		Die-casting aluminum				
Maintenance Mode		Front				
Mask specification		QCOB				
Contrast Ratio		High				
Grey scale (linear)	bit	14-18				
Brightness control	bit	16				
Processing depth	bit	18				
Color		281 Trillions				
Display Refresh Rate	Hz	1920-3840				
Operation Power	V	AC100-240V				
Max. Power Consumption	W/m²	650				
Average Power Consumption	W/m²	150				
Control Mode		Synchronization				
Video Frame Rate	Hz	30/120				
Input Types Supported		DVI/SDI/HDMI				
3D ready (optional)		Yes				
Calibration		Yes				
Lifetime (50% brightness)	h	100000				
Operating Humidity Range		10-80%				
Operating Temperature Range		-10°C / +40°C				
Certification		FCC / CE / ETL / CCC / CB				
Available options		90° angle				
Compatibility		Yes				



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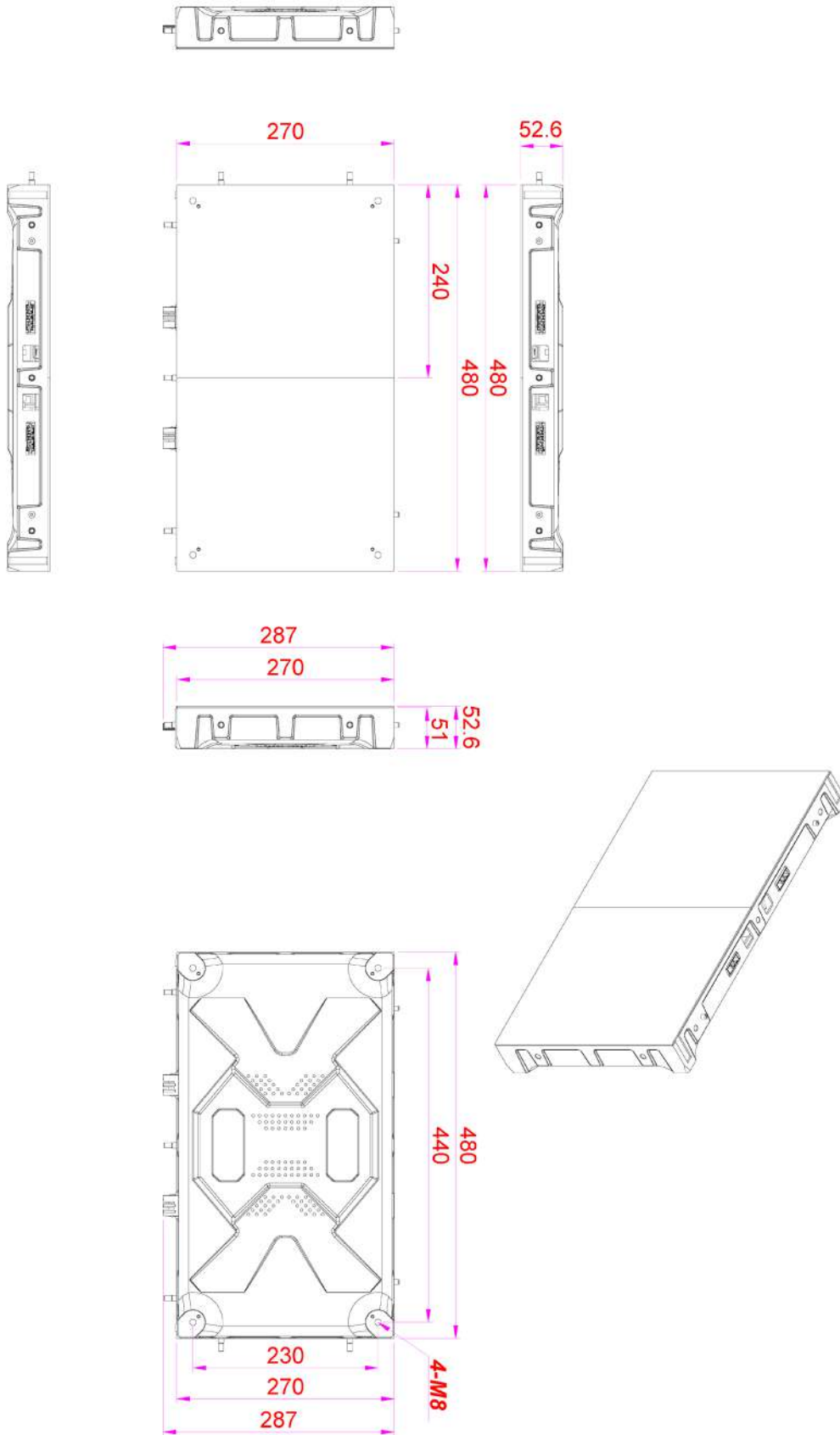


TECHNICAL DRAWINGS



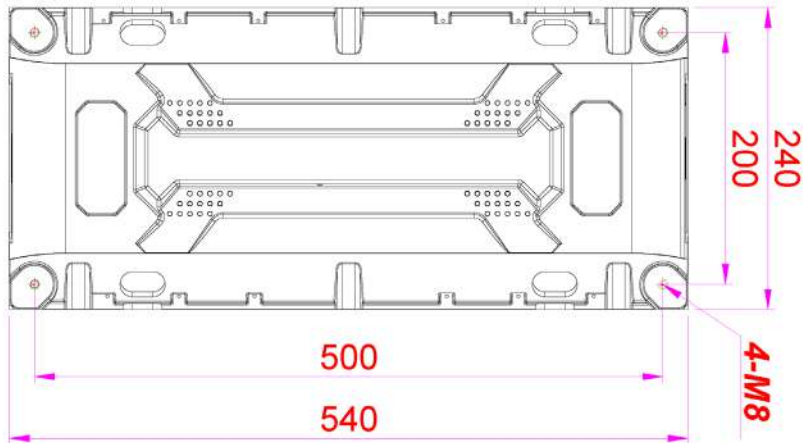
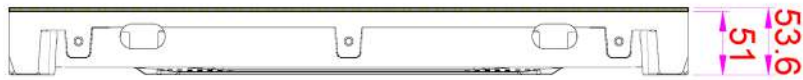
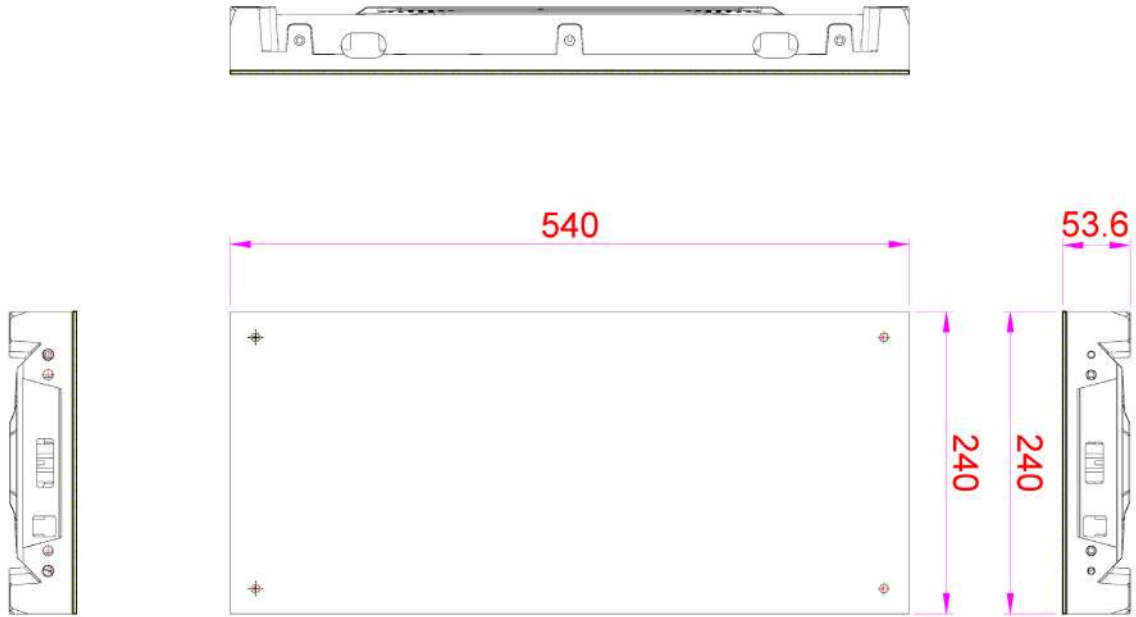


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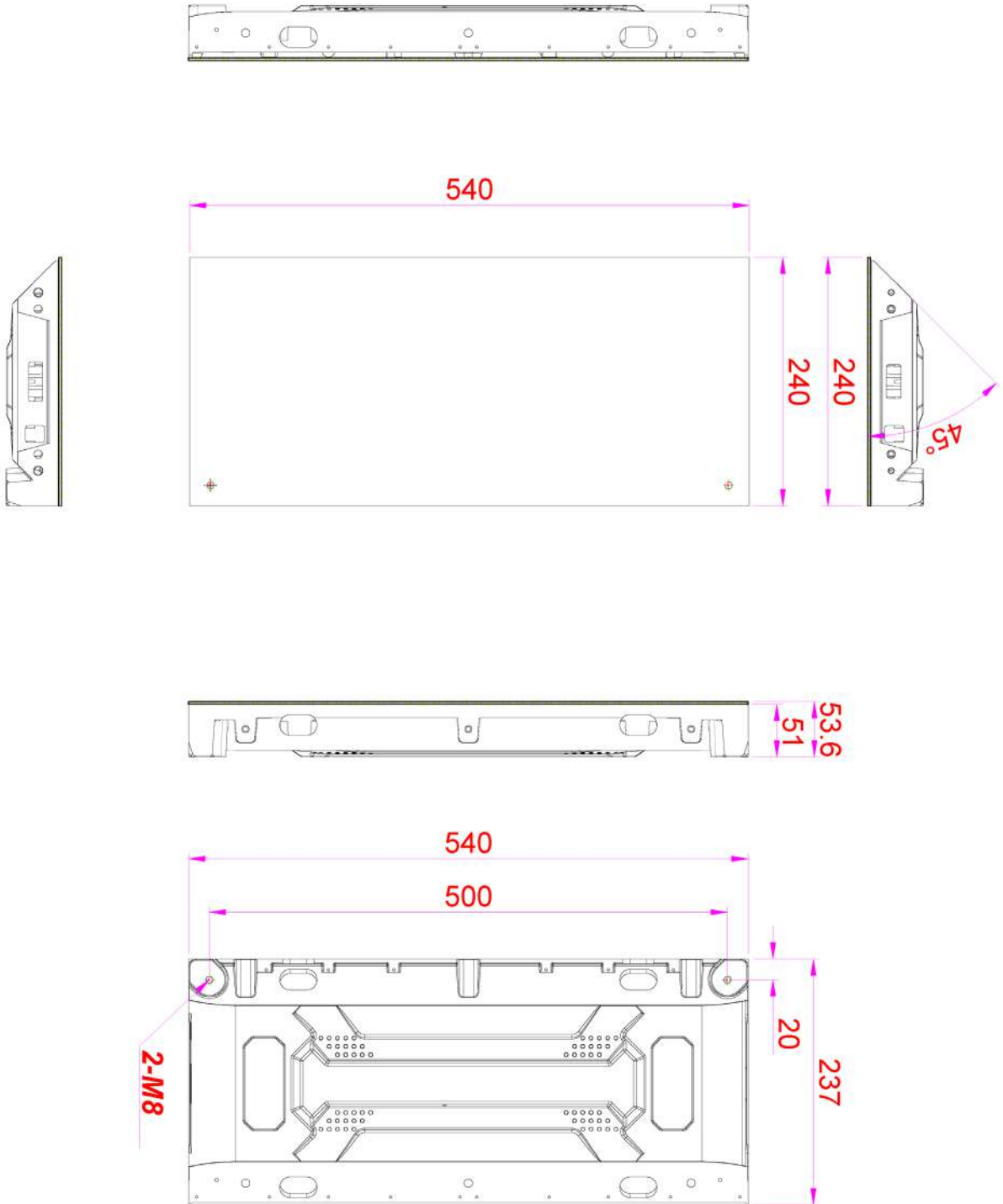


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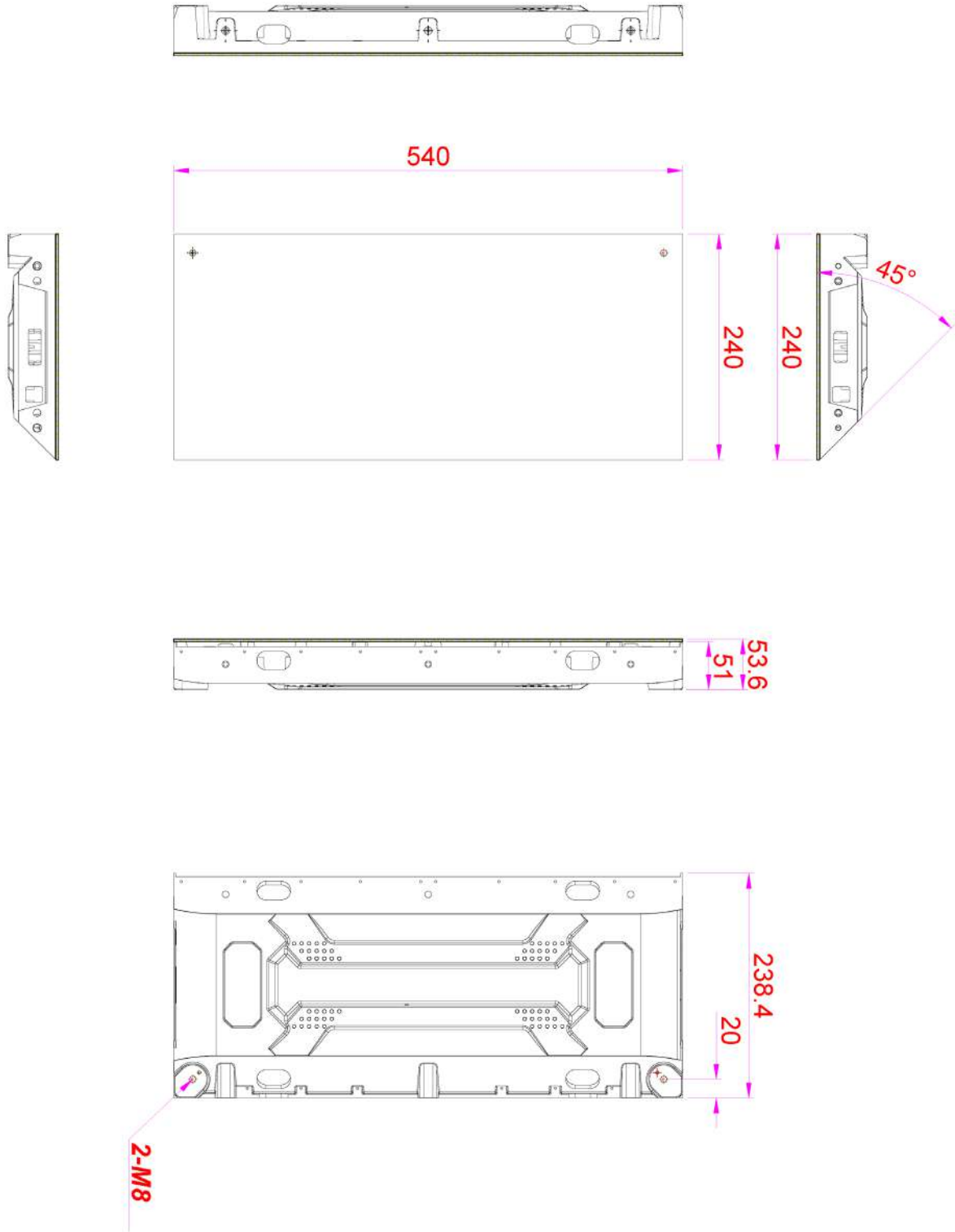


TECHNICAL DRAWINGS





TECHNICAL DRAWINGS





CONTACT

The Artixium regional branches are the key for the growth and development of our global network all over the world. Artixium's team is a spectrum of different nationalities and cultures, reflecting their global presence and mindset, mak-

ing their communication smooth and hassle-free with clients from all around the world. Customer care, Innovation and flexibility has always been our values and we intend to keep this reputation for many years to come.

ARTIXIUM FRANCHISES

"From your project's conception to its completion."



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Since its creation in 2012 by two european entrepreneurs, Artixium has been evolving and always looking for innovative ways to contribute to the digital transition of our world. It only took a few years for Artixium to become a key player in the LED display industry.

www.artixium.com