



THORITE 2.0

MODULABLE OUTDOOR LED DISPLAY





OVERVIEW

A fine pixel pitch and a high ingress protection make the THORITE 2.0 one of the best solutions for an outdoor LED display. It is suitable for building facades, store fronts, shopping malls as well as any other outdoor application that requires a product both performant and highly moduable.



APPLICATION
Outdoor



BRIGHTNESS
≤ 7000 NITS (LED TYPE SMD)



INGRESS PROTECTION
IP68



WEIGHT
16 - 12 - 8 kg/cabinet



PIXEL PITCH
P2.9 P3.9 P4.8



MATERIAL
Die-casting aluminum



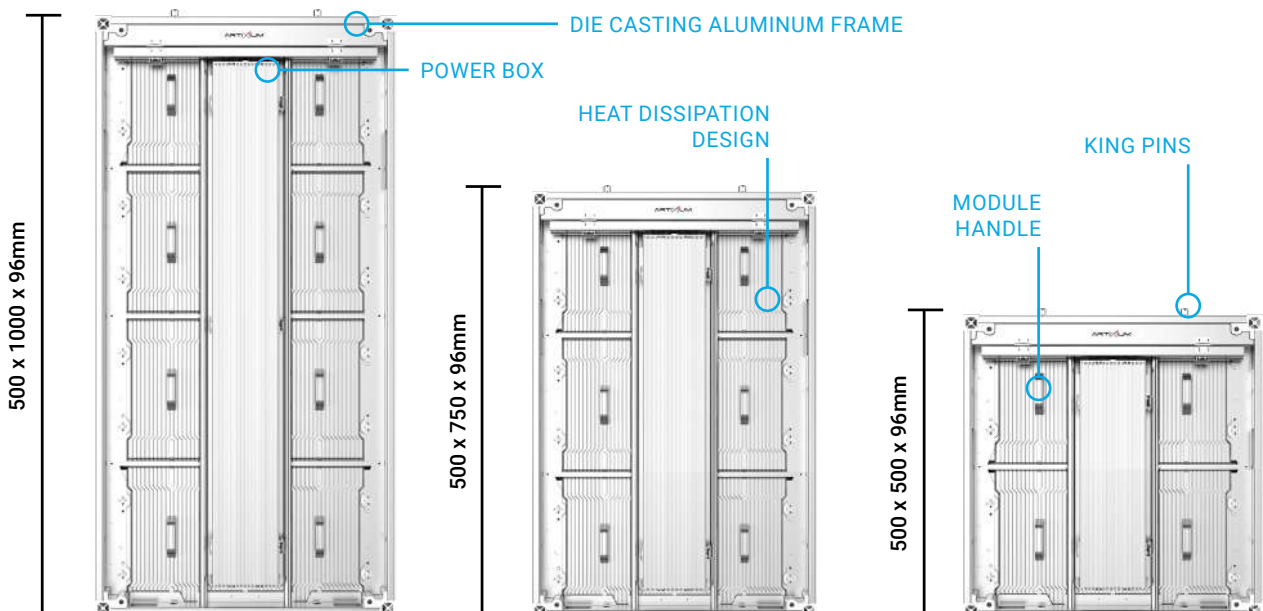
DISPLAY AREA (L x H)
500 x 1000 mm
500 x 750 mm
500 x 500 mm
750 x 750 mm



MAINTENANCE
Front & back maintenance



FEATURES



HIGH MODULARITY

The three sizes of the THORITE 2.0 were implemented to maximize its compatibility with any outdoor LED application project. Being totally compatible with

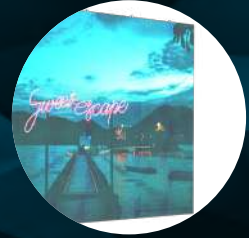
one another, these different cabinets will fit any building or structure you want to enhance with stunning visual effects.



FRONT OR BACK MAINTENANCE



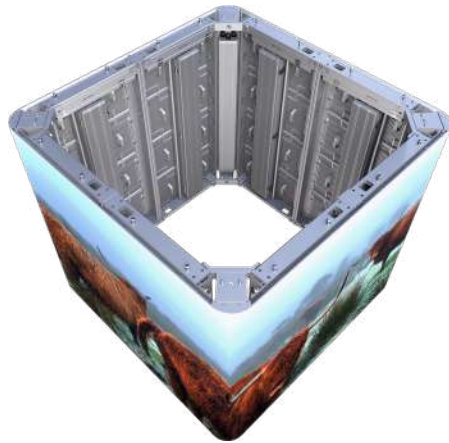
EASY ASSEMBLY OF THE DIFFERENT CABINET SIZES



FINE PIXEL PITCH FOR A HIGHER RESOLUTION

CURVES AND ANGLES

The THORITE 2.0 can be integrated to a curve or an angle, concave or convex, to better fit any structure you want to overhaul with a LED display. It is a highly customizable product meant for tailored projects. Furthermore, we can provide angle cabinets specially designed to allow seamless 90° applications.



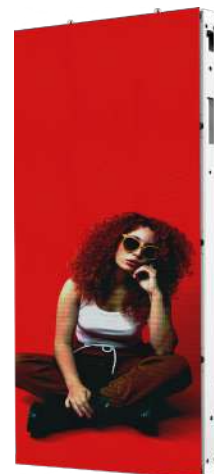
SMART MAINTENANCE

The cabinets of the THORITE 2.0 are designed to allow a complete maintenance both from the front, using a special tool, or from the back thanks to the module handles. No matter the layout of your display, you can be sure that it will be convenient to maintain.

HIGH VISUAL QUALITY AND RESISTANCE

P2.9 is a very fine pixel pitch when it comes to outdoor LED displays, meaning that the THORITE 2.0 will visually perform outstandingly. This quality is further enhanced by this product's high brightness, that will provide vivid colors visible from

afar. Furthermore, the IP68 means this product is totally immune to dust ingress and can even be submerged for an hour. The THORITE 2.0 truly is one of the best outdoor LED displays on the market.





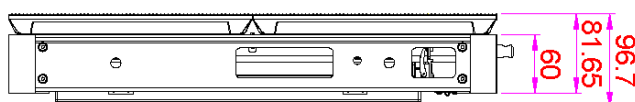
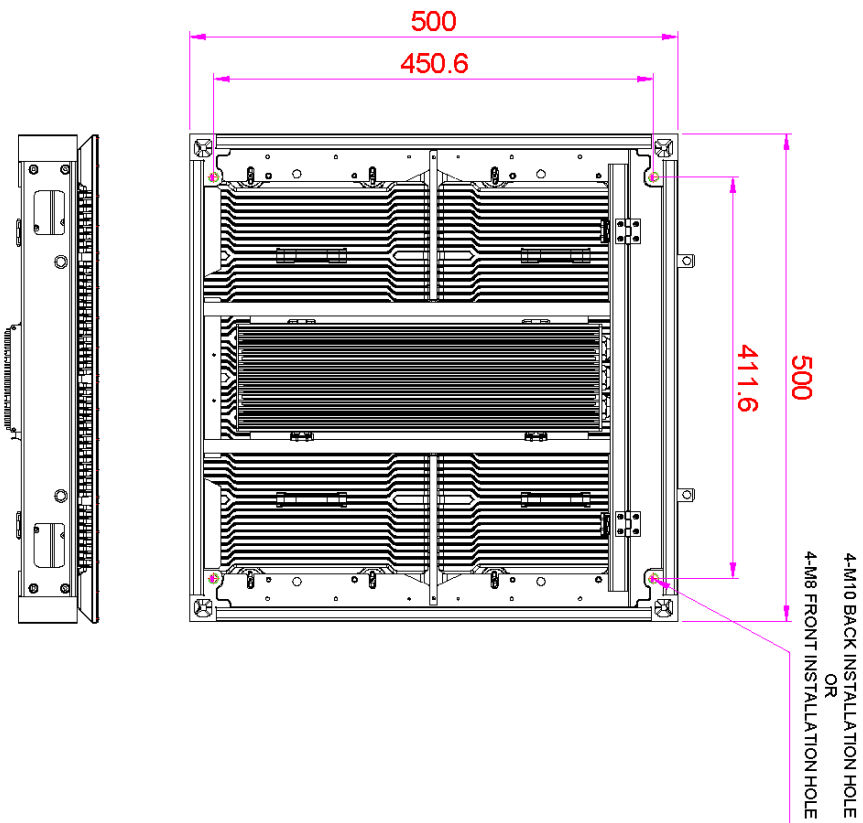
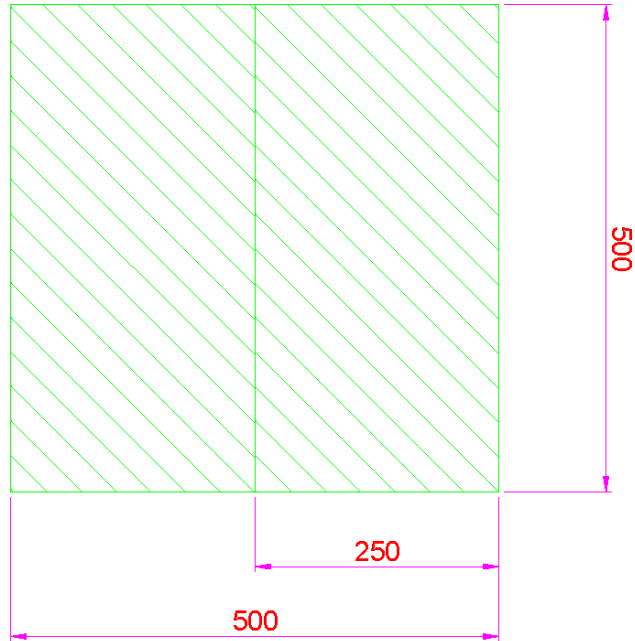
TECHNICAL SPECIFICATIONS

		OUTDOOR			
Product Parameters	Unit	2.9	3.9	3.9	4.8
Pixel Pitch	mm	2,98	3,91	3,91	4,81
LED		SMD1921 (White Led)	SMD1921 (White Led)	SMD1921 (Black face)	SMD1921 (White Led)
Application		Media			
Ingress Protection	IP	IP68			
Brightness	cd/sqm	≤ 5500 Nits @5volts	≤ 7000 Nits @5volts	≤ 5500 Nits @5volts	≤ 7000 Nits @5volts
Color Temperature after calib (adjustable)	deg. K	6500			
Viewing Angle (50% brightness)	deg.	160(+/-80) H / 140 V			
Cabinet Size (WxHxD)	mm	500 x 1000 x 96.7 / 500 x 750 x 96.7 / 500 x 500 x 96.7	500 x 1000 x 96.7 / 500 x 750 x 96.7 / 500 x 500 x 96.7 / 750 x 750 x 96.2		500 x 1000 x 96.7 / 500 x 750 x 96.7 / 500 x 500 x 96.7
Display area (WxH)	mm	500 x 1000 / 500 x 750 / 500 x 500		500 x 1000 / 500 x 750 / 500 x 500 / 750 x 750	
Module Size (WxHxD)	mm	250 x 250 x 19.5		500 x 250 x 19.5 / 375 x 250 x 19.5 (caissons 750 x 750)	
Pixel Matrix Per Cabinet (WxH)	px	168 x 336 / 168 x 252 / 168 x 168	128 x 256 / 128 x 192 / 128 x 128 / 192 x 192	128 x 256 / 128 x 192 / 128 x 128 / 192 x 192	104 x 208 / 104 x 156 / 104 x 104
Pixel Matrix Per Module (WxH)	px	84 x 84	128 x 64 / 96 x 64		104 x 52
Pixel Density	px/sqm	112896	65536		43264
Weight of cabinet	kg	16 / 12 / 8			
Cabinet Material		Die-casting aluminum			
Maintenance Mode		Front & back (tools required for front)			
Mask specification		95% Plastic + 5% Fiber / SS Screws / Shaders			
Contrast Ratio		Élevé			
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	W/sqm	550			
Average Power Consumption	W/sqm	200			
Control Mode		Synchronization			
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		-20°C / +60°C			
Screen Uniformity Correction		-			
Certification		CE / ETL / CCC			
Available options		Different sizes, curve, angle cabinets			
Compatibility		all different sizes compatible with each other			



TECHNICAL DRAWINGS

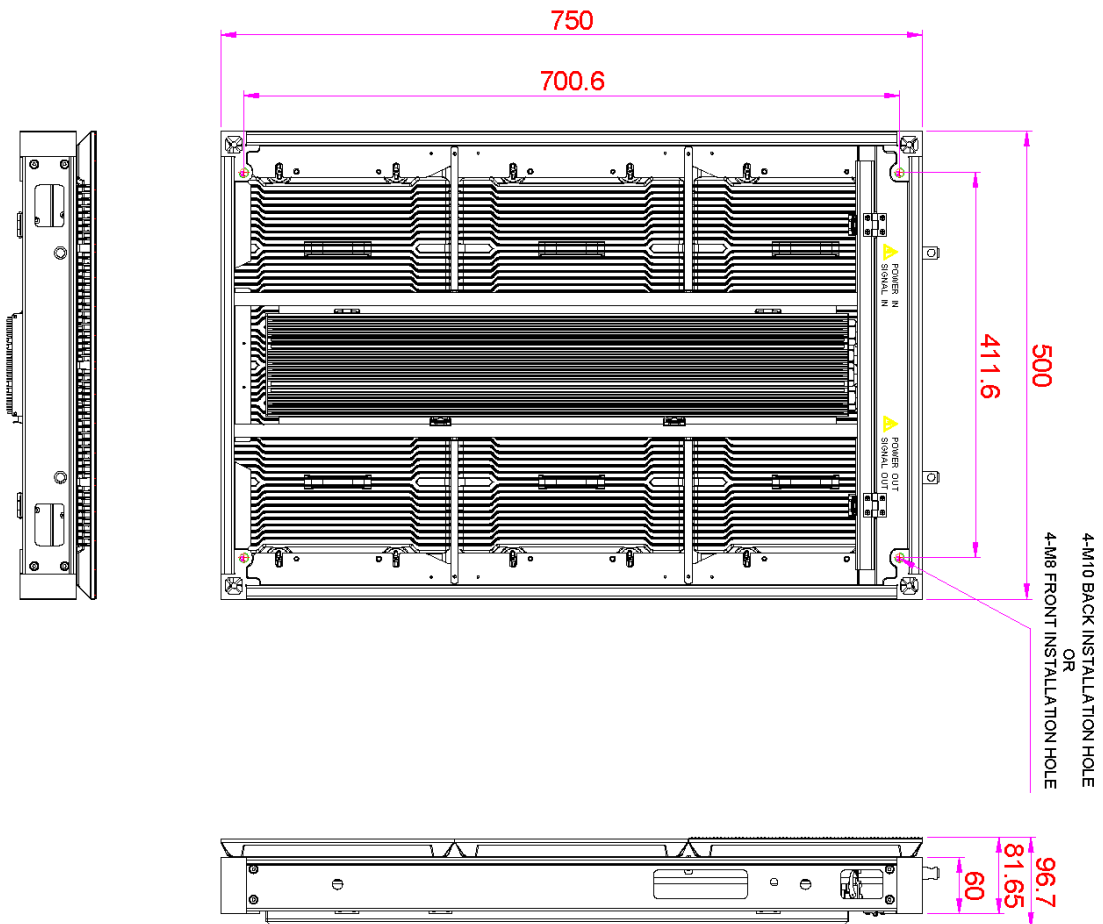
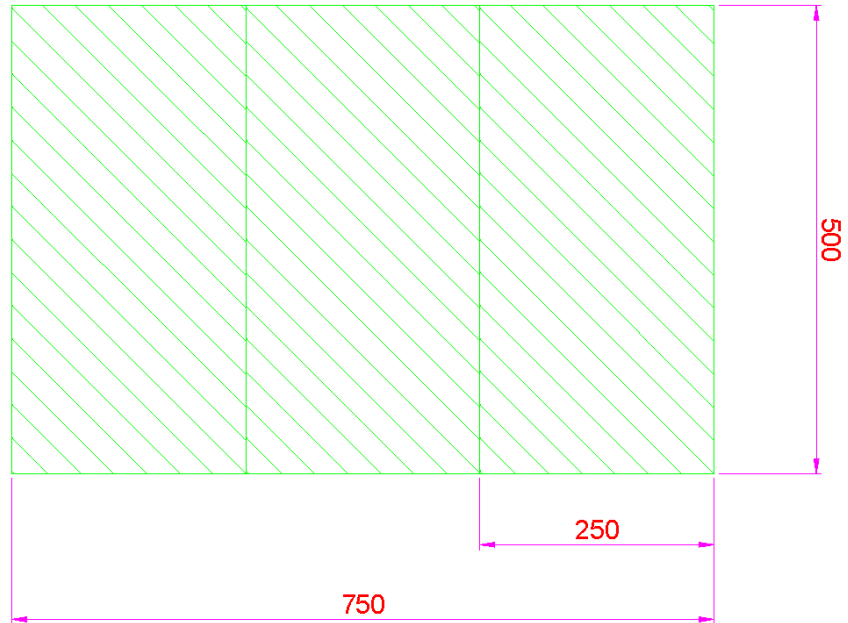
500 X 500 X 96 MM





TECHNICAL DRAWINGS

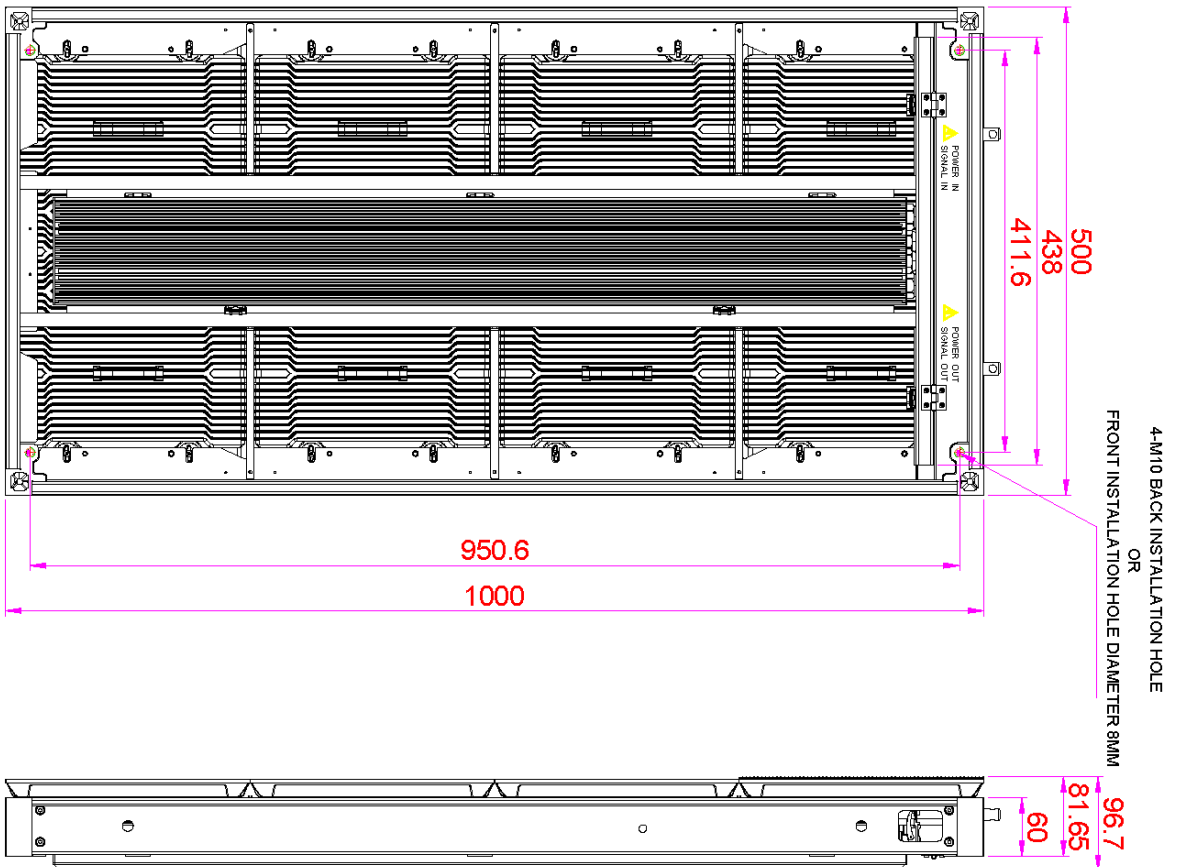
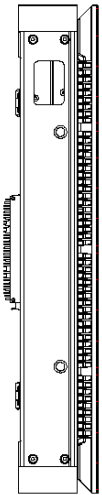
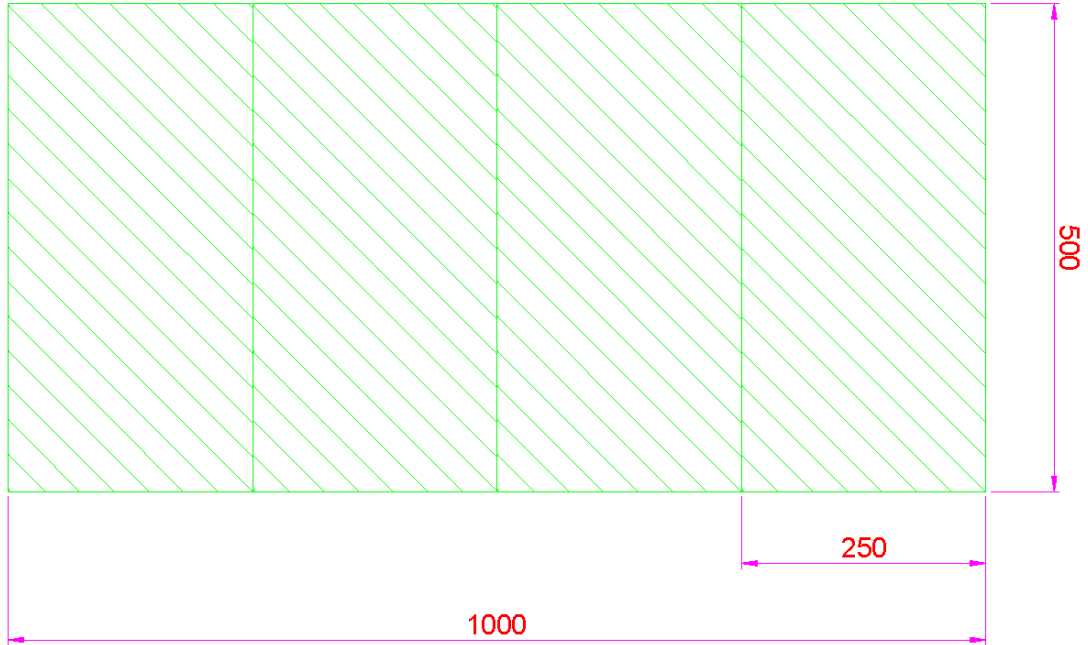
500 X 750 X 96 MM





TECHNICAL DRAWINGS

500 X 1000 X 96 MM





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