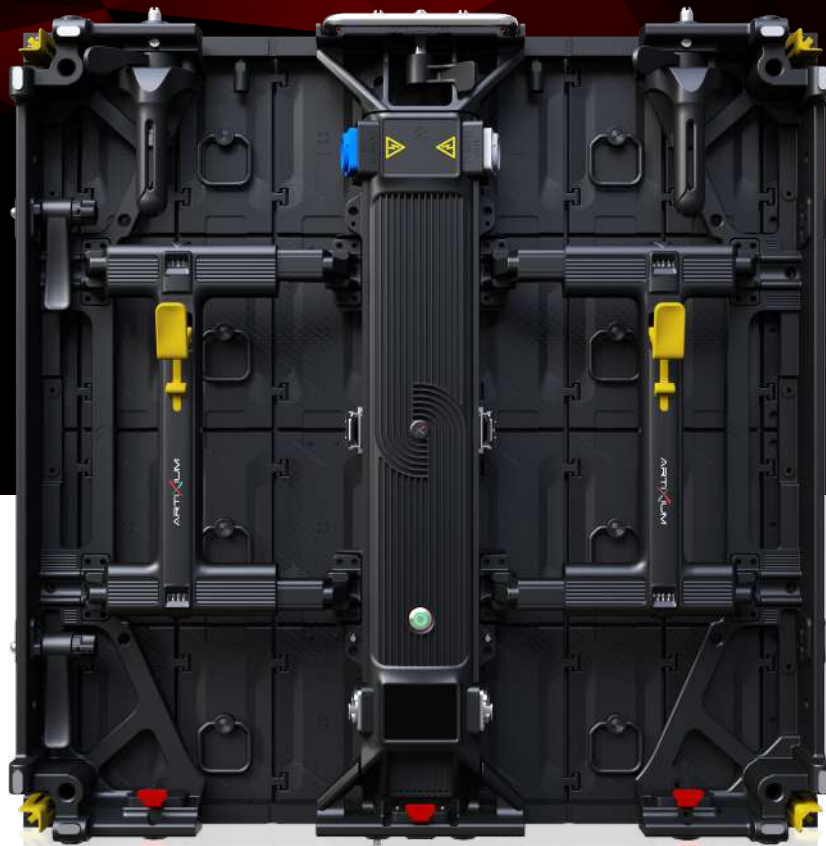


# BORON 2.0

INDOOR RENTAL FLEXIBLE LED DISPLAY





## OVERVIEW

The BORON 2.0 stands as the newest innovation within our esteemed EVENT range. Distinguished by its distinctive design, this product boasts the exceptional capability to curve both inward and outward up to  $\pm 45^\circ$ . This groundbreaking feature, complemented by the LED cabinet's lightweight construction and tour-centric attributes, positions it as an ideal choice for rental endeavors. Its adaptability makes it a versatile addition to various settings, including exhibitions and scenographic applications. Installation and disassembly are a breeze, and the BORON 2.0 can be effortlessly customized with modular trusses and hanging bars to meet specific requirements.



APPLICATION  
**Indoor**

BRIGHTNESS  
 **$\leq 1300$  NITS**

INGRESS PROTECTION  
**IP20**

WEIGHT  
**7.8 kg/cabinet**

PIXEL PITCH  
**P1.9 P2.6 P3.9**

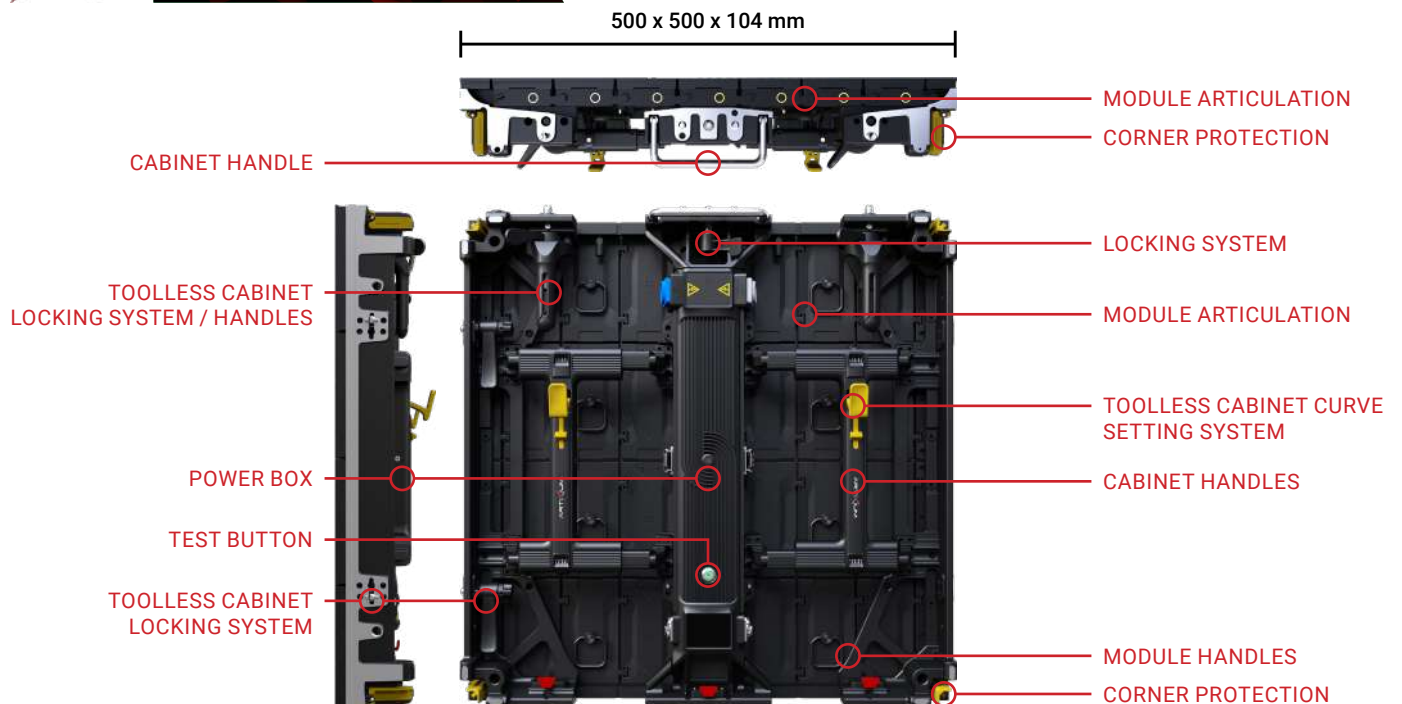
MATERIAL  
**Die-casting aluminum**

DISPLAY AREA (W x H)  
**500 x 500 mm**

MAINTENANCE  
**Back maintenance**



## FEATURES



## MODULAR CURVING SYSTEM

The BORON 2.0 module design stands out as a distinctive feature in the LED industry. It comprises four articulated horizontal modules within each cabinet, offering unparalleled flexibility. This innovative design allows the cabinet to be seamlessly curved in any direction, facilitated by the integrated curving locking system ingeniously incorporated into the cabinet handles.



## FINE PIXEL PITCH

The BORON 2.0 is offered in P1.9 and P2.6 variants, featuring the cutting-edge MiniLED 4in1 technology—a technology that has already enjoyed significant success with our BERYL cabinets. This integration enables users to experience High Definition resolution, coupled with unmatched color vibrancy, elevating the visual impact of the LED display.



## COMPATIBLE WITH THE BERYL

To elevate your touring capabilities, we've ensured full compatibility between the BORON 2.0 and our proven BERYL cabinets. The seamless integration of these two products offers a synergistic advantage, allowing you to harness the battle-tested reliability of BERYL alongside the innovative features of the BORON 2.0. The result is a powerhouse combination that maximizes performance and versatility for your LED display needs.





## TECHNICAL SPECIFICATIONS

Product Parameters	Unit	INDOOR		
		1.9	2.6	3.9
Pixel Pitch	mm	1,95	2.60	3,91
LED		MiniLED 4in1		SMD2121
Application		Rental flexible LED cabinet		
Ingress Protection	IP	IP20		
Brightness	cd/m <sup>2</sup>	≤ 1300 Nits @5volts		≤ 800 Nits @5volts
Color Temperature after calib (adjustable)	deg. K	6500		
Viewing Angle (50% brightness)	deg.	160H / 140V		
Cabinet Size (WxHxD)	mm	500 x 500 x 105		
Display area (WxH)	mm	500 x 500		
Module Size (WxHxD)	mm	500 x 125 x 12		
Pixel Matrix Per Cabinet (WxH)	px	256 x 256	192 x 192	128 x 128
Pixel Matrix Per Module (WxH)	px	256 x 64	192 x 48	128 x 32
Pixel Density	px/m <sup>2</sup>	262144	147456	65536
Weight of cabinet and modules	kg	7.8		
Cabinet Material		Die-casting aluminum		
Maintenance Mode		Back		
Mask specification		95% Plastic + 5% Fiber / SS 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	W/m <sup>2</sup>	540		440
Average Power Consumption	W/m <sup>2</sup>	162		135
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		10-90%		
Operating Temperature Range		-20°C / +50°C		
Screen Uniformity Correction		-		
Certification		CE / ETL / CCC / CB		
Options		Hangin bars / stacking system - High refresh rate		
Compatibility		Compatible with the BERYL		

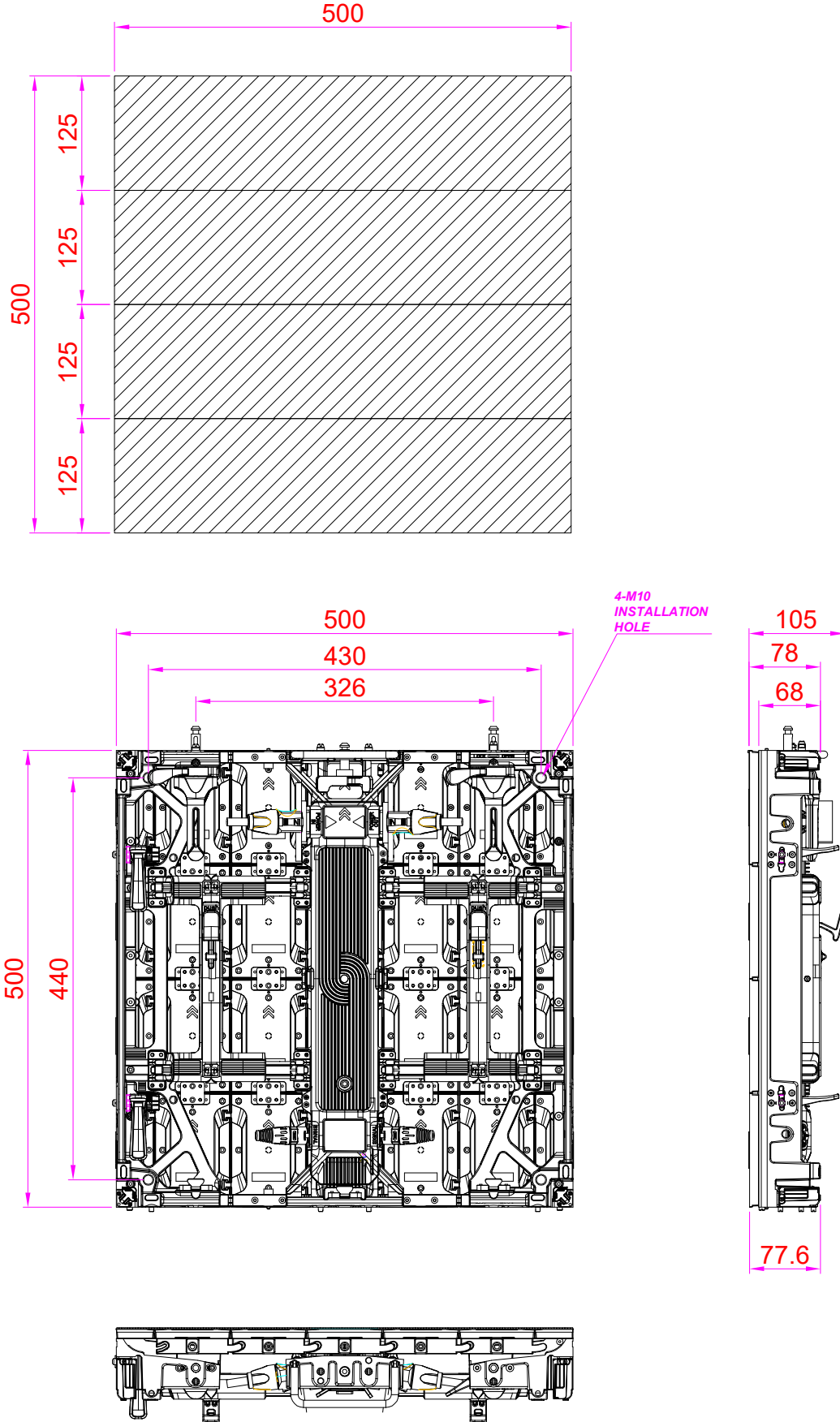


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## TECHNICAL DRAWINGS

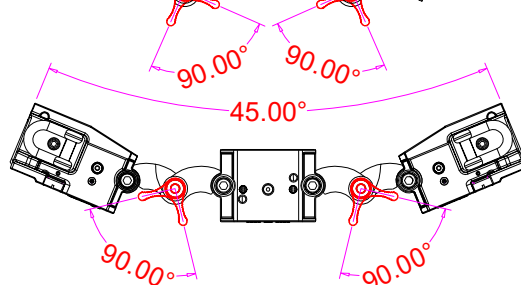
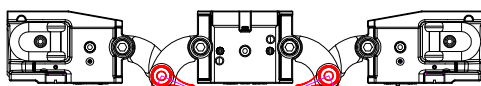
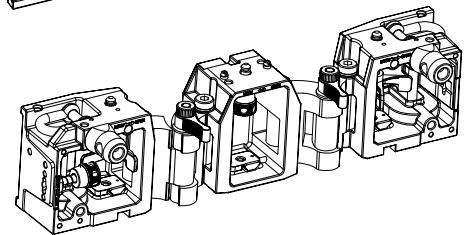
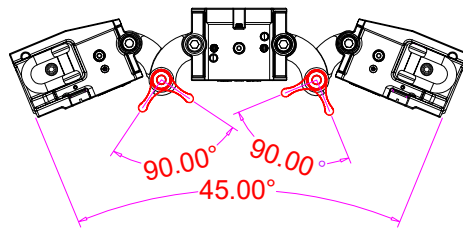
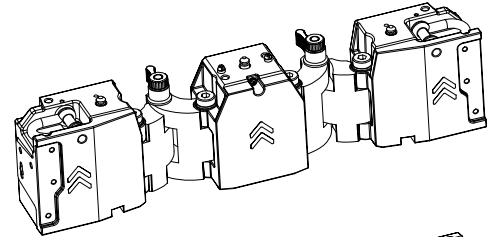
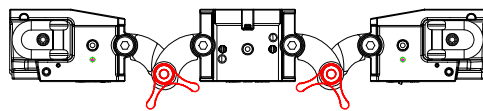
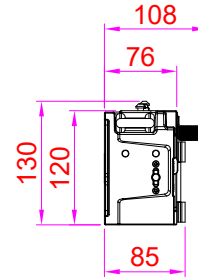
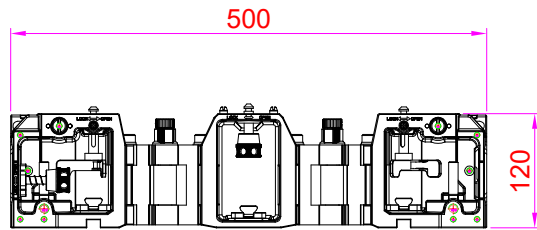
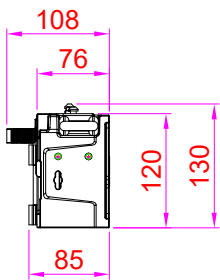
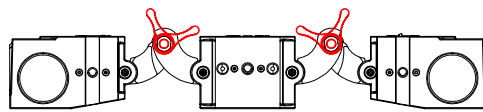
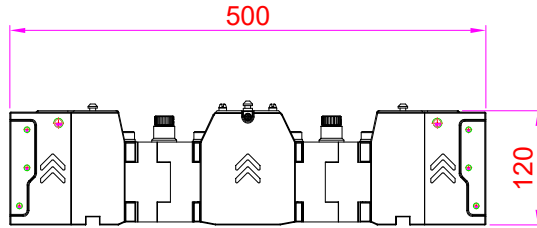
500 x 500 x 105 mm cabinet





## TECHNICAL DRAWINGS

articulated hanging bar / floor stacking





# 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-

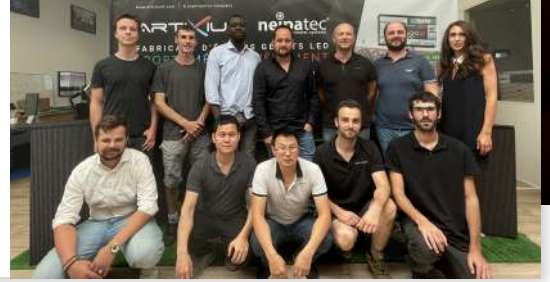
ing their communication smooth and hassle-free with clients from all around the world. Customer care, Innovation and flexibility has always been our values and we intend to keep this reputation for many years to come.

## 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.

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