



ORION 2.0

RENTAL TRANSPARENT LED DISPLAY







OVERVIEW


The ORION 2.0 represents the cutting-edge advancement within the transparent LED cabinet series designed specifically for rental applications. Distinguishing itself from previous models, it boasts enhanced durability against environmental factors and physical impact. Additionally, it incorporates features tailored for touring, including corner protections and an optimized toolless locking system. Characterized by its high brightness and straight-forward back maintenance, this product proves to be exceptionally well-suited for outdoor touring LED screens.



 APPLICATION
Outdoor

 BRIGHTNESS
≤ 6000 NITS

 INGRESS PROTECTION
IP65 (front) / IP54 (back)

 WEIGHT
7.9 kg/cabinet

 PIXEL PITCH
P3.9a7.8

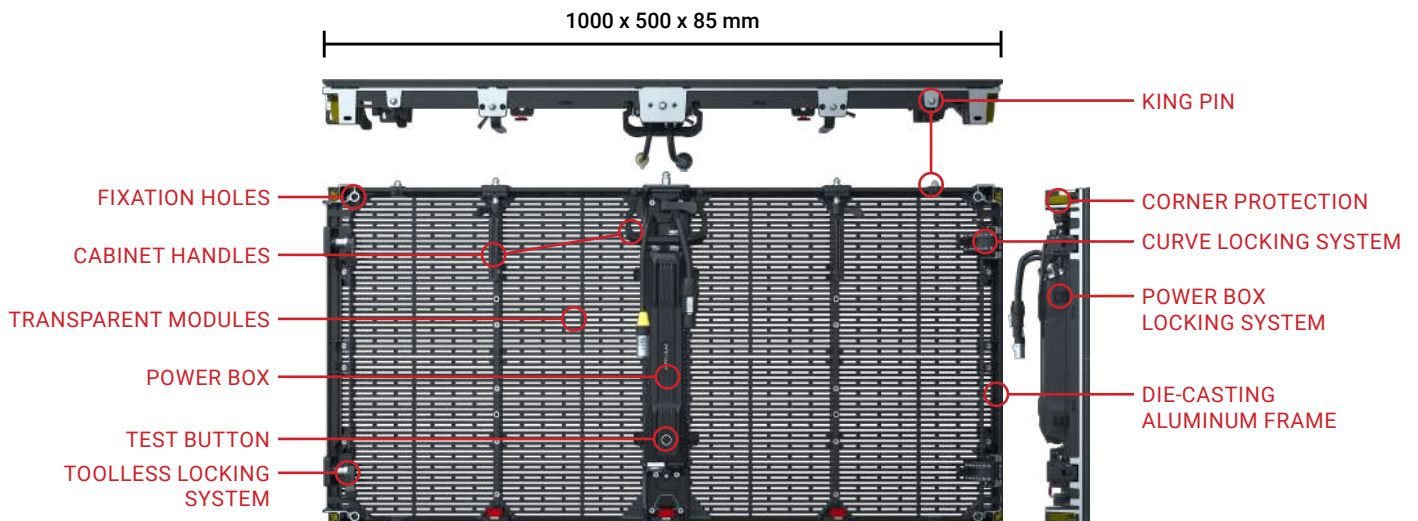
 MATERIAL
Die-casting aluminum

 DISPLAY AREA (W x H)
1000 x 500 mm

 MAINTENANCE
Back maintenance



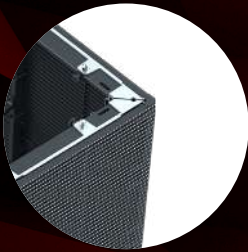
FEATURES





HIGH MECHANICAL RESISTANCE

The ORION 2.0 underwent thorough testing for both compressive and tensile load resistance, demonstrating resilience by withstanding pressures of up to 1.8 tons before reaching the breaking point. Combined with the cabinet's corner protections and flexible masks, this feature ensures the robustness and longevity of your transparent LED cabinet rental fleet.



90° ANGLES AVAILABLE



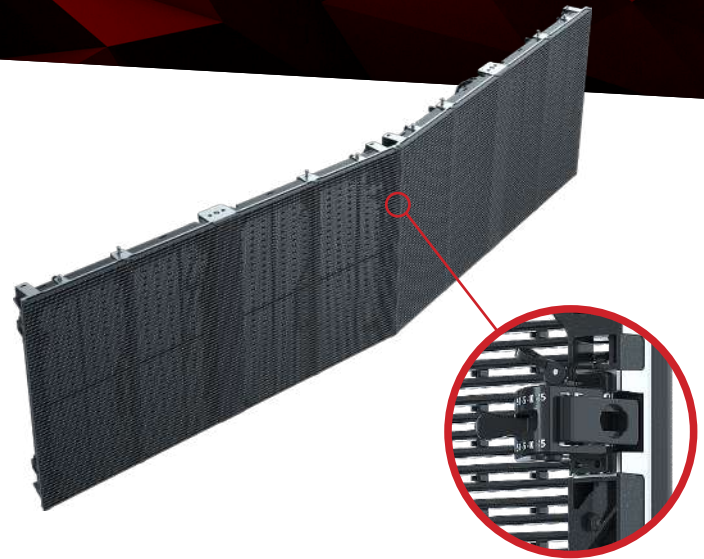
GOLD PLATED CONNECTORS



TOOLLESS POWER BOX ACCESS

INTEGRATED CURVING SYSTEM

Equipped with a toolless curving system, the ORION 2.0 facilitates the creation of curved giant LED screens for scenic applications, allowing for angles of up to $\pm 15^\circ$ between two cabinets. The specially designed hanging bars seamlessly accommodate this feature, ensuring a straightforward assembly process for suspended curved transparent screens.



BACK MAINTENANCE

The ORION 2.0 cabinets are meticulously crafted to enable convenient back-end maintenance at various levels, including the cabinet, module, or power box. Engineered for efficiency, this maintenance process is swift and can be executed by a single qualified technician.



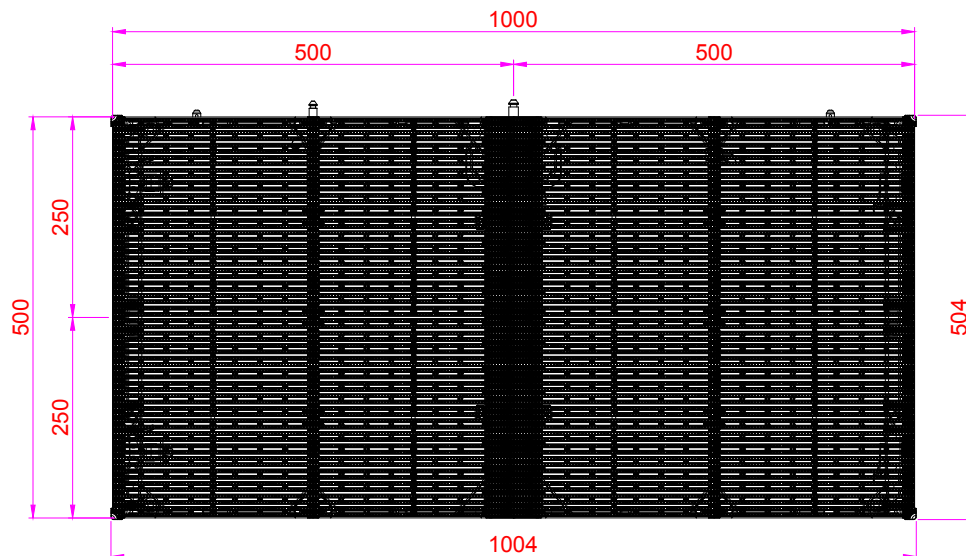
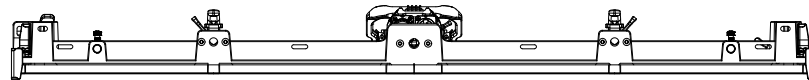
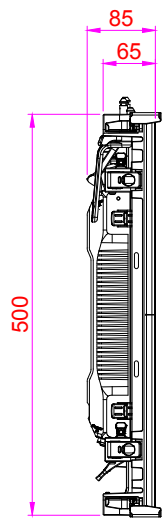
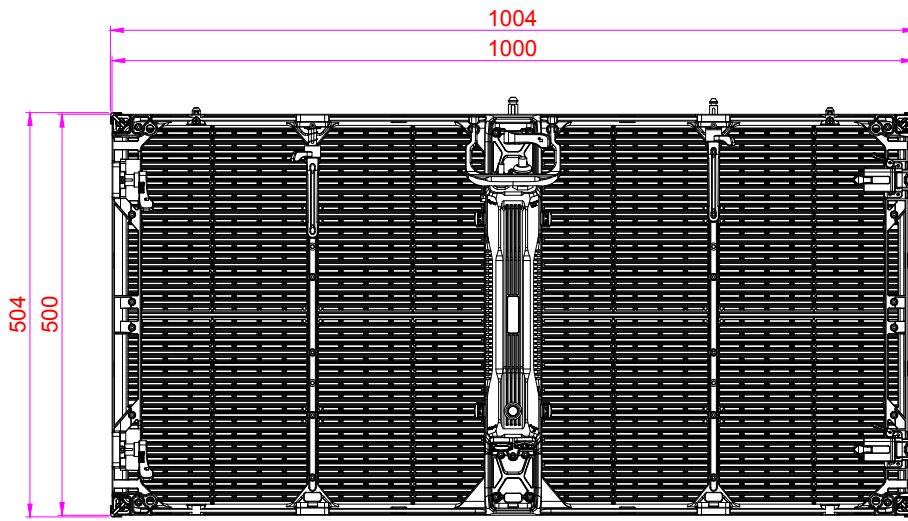
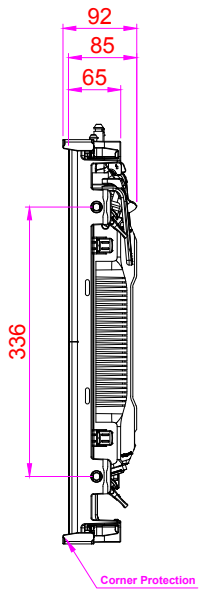
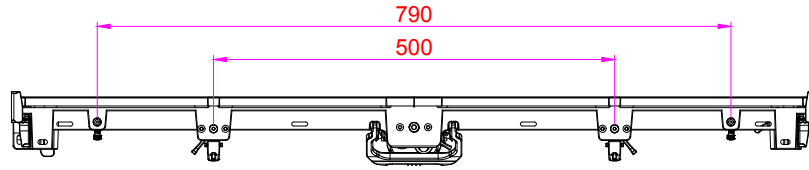
TECHNICAL SPECIFICATIONS

Product Parameters	Unit	INDOOR
		3.9a7.8
Pixel Pitch	mm	3,91 x 7,81
LED		SMD1921
Application		Transparent rental LED cabinet
Ingress Protection	IP	IP65 (front) / IP54 (back)
Brightness	cd/m ²	≤ 6000 Nits @5volts
Color Temperature after calib (adjustable)	deg. K	6500
Viewing Angle (50% brightness)	deg.	160 H / 160 V
Cabinet Size (WxHxD)	mm	1000 x 500 x 85
Display area (WxH)	mm	1000 x 500
Module Size (WxHxD)	mm	500 x 250 x 10
Pixel Matrix Per Cabinet (WxH)	px	256 x 64
Pixel Matrix Per Module (WxH)	px	128 x 32
Pixel Density	px/m ²	32747
Weight of cabinet and modules	kg	7.9
Cabinet Material		Die-casting aluminum
Maintenance Mode		Back
Mask specification		95% Plastic + 5% Fiber / SS Screws / 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 ²	720
Average Power Consumption	W/m ²	240
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
Options		90° bevelled cabinets / Hanging bars
Compatibility		No



TECHNICAL DRAWINGS

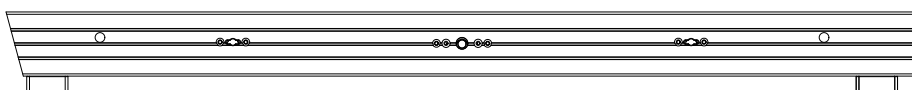
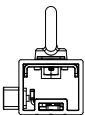
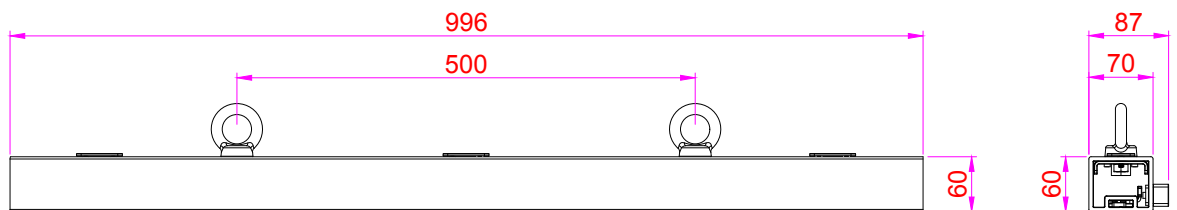
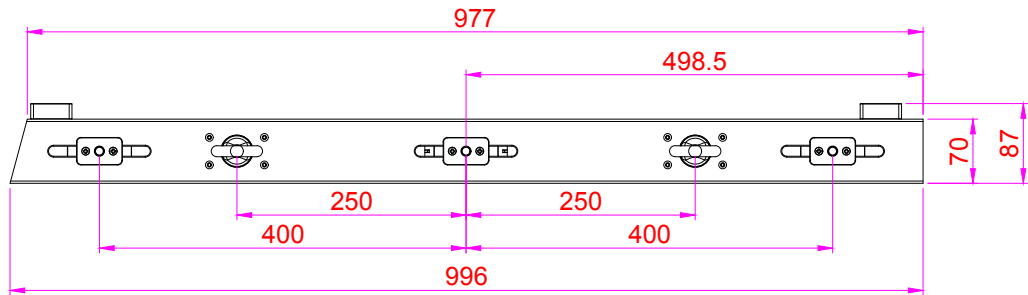
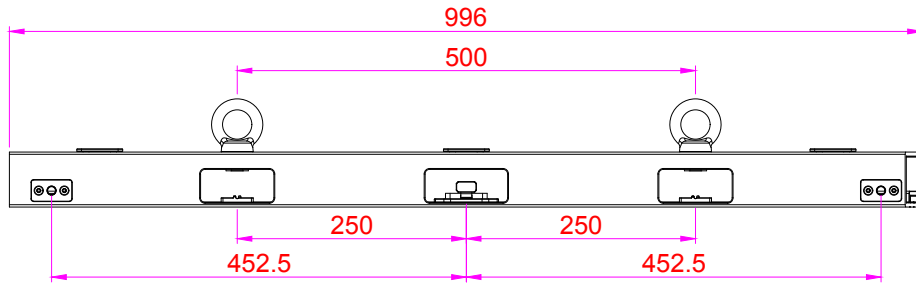
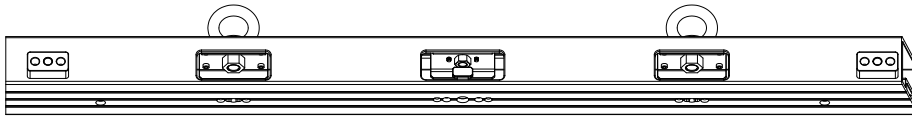
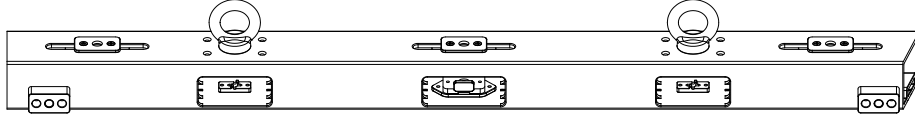
500 x 500 x 104 mm cabinet





TECHNICAL DRAWINGS

Hanging bar





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-

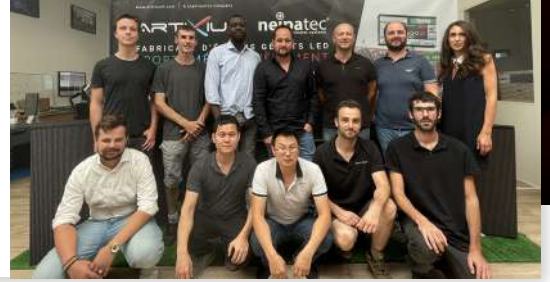
ing their communication smooth and hassle-free with clients from all around the world. Customer care, Innovation and flexibility has always been our values and we intend to keep this reputation for many years to come.

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