BORON

INDOOR RENTAL FLEXIBLE LED DISPLAY







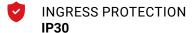


OVERVIEW

The BORON is the latest addition to our EVENT range. This product is unique in its overall design, wich allows ±25° inward and outward curves. This feature, combined with this LED cabinet's lightweight and, makes it ideal for rental purposes, as it will fit many different exhibitions, scenographic applications, etc. Easy to install and dismount, the BORON can be provided with modulable trusses and hanging bars.



APPLICATION Indoor



PIXEL PITCH **P1.9 P2.9 P3.7**

DISPLAY AREA (W×H)
500 x 500 mm

BRIGHTNESS ≤ 1200 NITS

WEIGHT
7.7 - 7 kg/cabinet

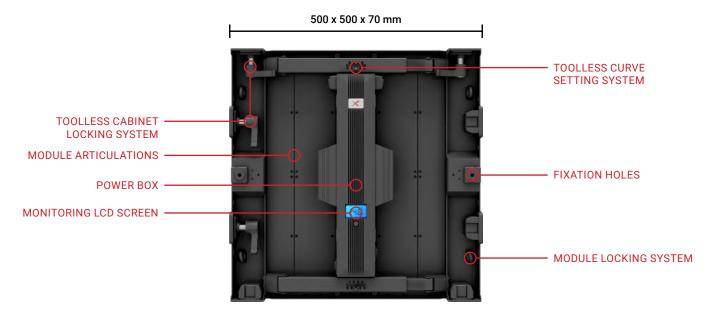
MATERIAL

Die-casting aluminum

MAINTENANCE
Front & back maintenance



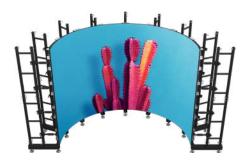
FEATURES





MODULAR CURVING SYSTEM

The BORON is quite peculiar, as where other cabinets have 4fouror more modules, it only has one articulated 500 x 500 mm LED module, fixed to a curvable heavy duty frame. Each cabinet can thus be curved at a 25° angle, both inward or outward, allowing you to create custom rental applications on the spot.









CORNER PROTECTIONS
AVAILABLE

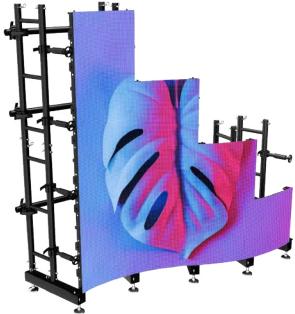
HANGING BARS AND RIGGING BOXES

ADAPTABLE GROUND STACKING SYSTEM

FINE PIXEL PITCH

With a pixel pitch ranging from P1.9 to P3.7, the BORON is capable of displaying high quality, even HD content. Combined with the integrated system, this feature allows a great deal of creativity for your rental applications.

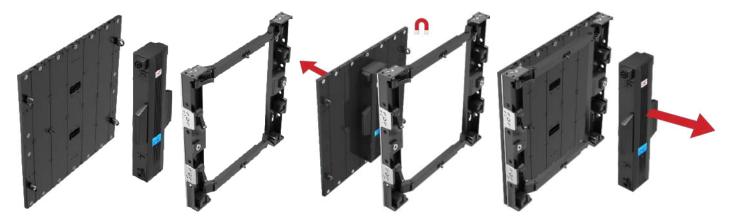




TOURING DISPLAY

The BORON in itself is a touring-oriented display, with toolless locking systems, toolless curve setting, LCD monitoring screen, easy maintenance system, etc. This is further enhanced by the addition of adaptable, modular installation accessories, allowing custom curved floor stacking and hanging.





MAINTENANCE

The module of the BORON is both mechanically and magnetically fixed to its frame, and can be removed from the front or the back of your LED display. The power box is fixed to the module, so it can be accessed from the front of

your screen by removing the module, of directly from the back without removing the module. The maintenance process is designed to be quick, efficient, and applicable in any given screen disposition by one qualified technician.



CUSTOMIZABLE INTEGRATION

In order to further its adaptability to every project, we can provide BORON cabinets bevelled at 45° for seamless 90° applications. This, combined with the modular curving system, allows you to conceive the most creative applications for exhibitions, shows, concerts, festivals, etc.









LOCKING SYSTEM

The BORON toolless locking system is rather straightforward, using mechanical handlocks similar to those on the BERYL, AYRGON and other touring products. Thi system allows a sturdy yet quick installation process for your giant LED screen.

BORON





TECHNICAL SPECIFICATIONS

LED SMD1515 Application Rental flexible LED cabinet Ingress Protection IP Brightness cd/sqm ≤ 800 Nits @5volts ≤ 1200 Nits @5volts Color Temperature after calib (adjustable) deg. K 6500 Viewing Angle (50% brightness) deg. 160H / 160V Cabinet Size (WxHxD) mm 500 x 500 x 70 Display area (WxH) mm 500 x 500 Module Size (WxHxD) mm 500 x 500 Pixel Matrix Per Cabinet (WxH) px 256 x 256 168 x 168 132 x 132 Pixel Matrix Per Module (WxH) px 256 x 256 168 x 168 132 x 132 Pixel Density px/sqm 262144 112896 69696 Weight of cabinet and modules kg 7.7 7 Cabinet Material Die-casting aluminum Maintenance Mode Back & front Mask specification 95% Plastic + 5% Fiber / SS Screws / No shaders Contrast Ratio High Grey scale (linear) bit 16			INDOOR			
Application	Product Parameters	Unit	1.9	2.9	3.7	
Application Part Pa	Pixel Pitch	mm	1,95	2,98	3,79	
Ingress Protection	LED			SMD1515		
Brightness Cd/sqm	Application		Rental flexible LED cabinet			
Color Temperature after calib (adjustable) deg. 6500 Viewing Angle (50% brightness) deg. 160H / 160V Cabinet Size (WxHxD) mm 500 x 500 x 70 Display area (WxH) mm 500 x 500 Module Size (WxHxD) mm 500 x 500 Pixel Matrix Per Cabinet (WxH) px 256 x 256 168 x 168 132 x 132 Pixel Density px/sqm 262144 112896 69696 Weight of cabinet and modules kg 7.7 7 Cabinet Material Die-casting aluminum Maintanance Mode Back & front Mask specification 95% Plastic + 5% Fiber / SS Screws / No shaders Cortrast Ratio High Grey scale (linear) bit 16 Brightness control bit 16 Brightness control bit 16 Processing depth bit 16 Color 281 Trillions Display Refresh Rate Hz 3840 Operation Power V AC85-230V Max. Powe		IP		IP30		
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Screen Uniformity Correction - Certification CE / ETL / CCC Options Corner protections / 90° cabinets	Operating Humidity Range		10-80%			
Certification CE / ETL / CCC Options Corner protections / 90° cabinets	Operating Temperature Range		-40°C / +45°C			
Options Corner protections / 90° cabinets	Screen Uniformity Correction		-			
	Certification			CE / ETL / CCC		
Compatibility	Options		(Corner protections / 90° cabinet	S	
	Compatibility		No			

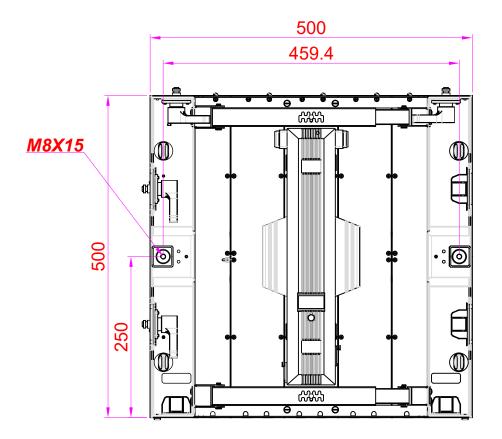




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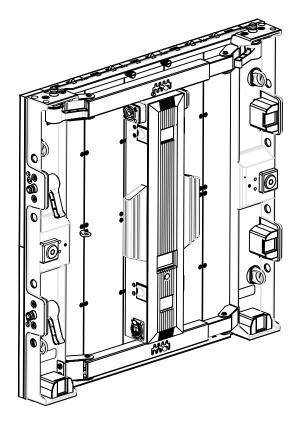


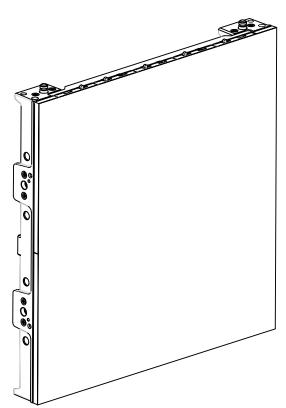
TECHNICAL DRAWINGS











PAGE 6



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-

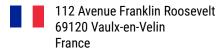
ing their communication smooth and hassle-free with clients from all around the world. Customer care, Innovation and flexibility has always been our values and we intend to keep this reputation for many years to come.

ARTIXIUM FRANCHISES

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













Artixium Operational Center 518000 Shenzhen China





GERMANY



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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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