QUASAR

TRANSPARENT STAGE LED DISPLAY

OVERVIEW

The QUASAR is part of our Pro Touring product range, made for heavy-duty and ready to perform on stage even in a very demanding environment. Made of die-casting aluminum, each cabinet weighs less than 10kg.

High precision and extreme robustness make this product very convenient to be installed for both indoor and outdoor setups. The QUASAR allows your integration to blending nicely in any environment.

APPLICATION
Outdoor

BRIGHTNESS
≤ 5000 NITS (LED TYPE SMD)

INGRESS PROTECTION
IP65

WEIGHT
10 kg/cabinet

PIXEL PITCH
P4.8 P7.8

MATERIAL
Die-casting aluminum

DISPLAY AREA (W x H)
500 x 1000 mm

MAINTENANCE
Back maintenance

FEATURES

500 x 1000 x 87.5 mm

FAST AND EASY LOCKING SYSTEM

ERGONOMIC TRANSPORTATION HANDLES

TEST BUTTON

IP66 DATA AND POWER CONNECTOR PROTECTION

DIE CASTING ALUMINUM FRAME

70% TRANSPARENCY

CURVE OPTION
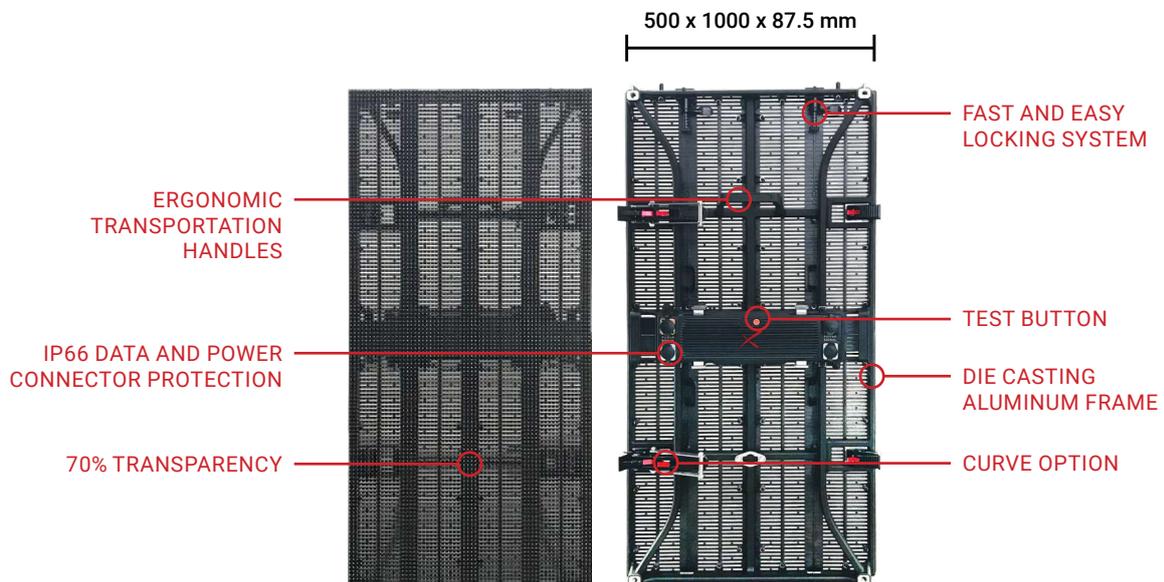
TRANSPARENCY

Each module of the QUASAR is made of stripes on which the LEDs are assembled, allowing for a decent amount of transparency. This will help your application to blend in any environment, with no effect on your content's visual quality.

**CURVE OPTION :
CONCAVE OR CONVEX**

**INTEGRATED CURVE
MEASURING SYSTEM**

LOCKING SYSTEM

INTEGRATION & MAINTENANCE

The QUASAR was designed for outdoor rental applications but can easily be used in an indoor environment. It can be hung or fixed to a structure. This product has an independent and lightweight power supply box and is extremely lightweight, which simplifies the integration and maintenance process. It comes with ergonomic handles that allow for easy transport and manipulation once out of its flight case.

INTEGRATED CURVED APPLICATION SYSTEM

Thanks to its unique connection design, you can integrate the QUASAR cabinets following curves, both concave (up to 16°) and convex (up to 8°). This feature makes the QUASAR ideal for scenographic applications.
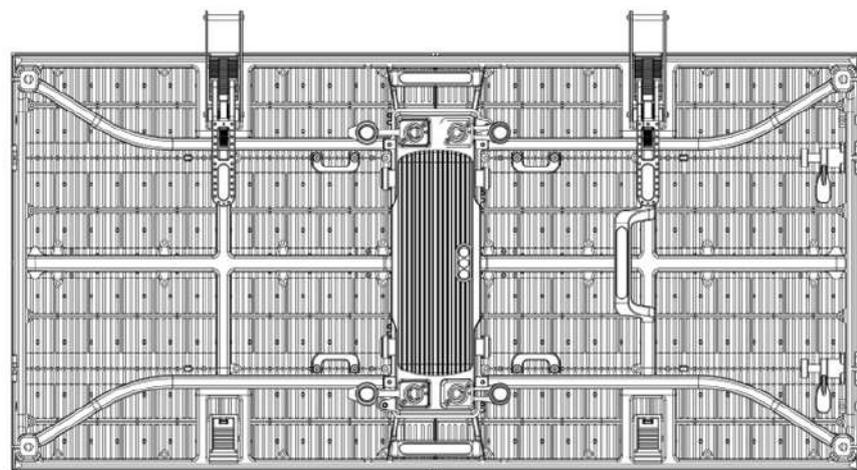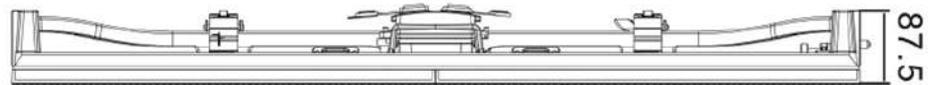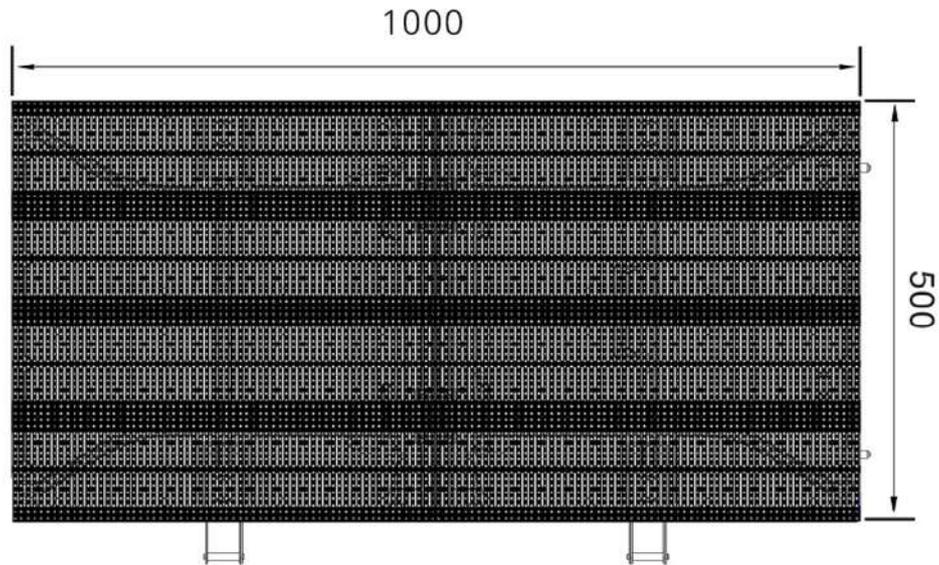
TECHNICAL SPECIFICATIONS

Product Parameters	Unit	OUTDOOR	
		4.8	7.8
Pixel Pitch	mm	4,81	7,81
LED		SMD2727 3in1 (Black Face)	
Application		Transparent rental LED cabinet	
Ingress Protection	IP	IP65	
Brightness	cd/sqm	≤ 5000 Nits @5volts	
Color Temperature after calib (adjustable)	deg. K	6500	
Viewing Angle (50% brightness)	deg.	140(+/-70) H / 140 V	
Cabinet Size (WxHxD)	mm	500 x 1000 x 87.5	
Display area (WxH)	mm	500 x 1000	
Module Size (WxHxD)	mm	250 x 250 x 15	
Pixel Matrix Per Cabinet (WxH)	px	104 x 208	64 x 128
Pixel Matrix Per Module (WxH)	px	52 x 52	32 x 32
Pixel Density	px/sqm	43264	16384
Weight of cabinet and modules	kg	10	
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/sqm	300	
Average Power Consumption	W/sqm	120	
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		Below 0.0001 (Out of Control point)	
Certification		CE / ETL / CCC	
Features		Neutrik	
Compatibility		No	

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, making 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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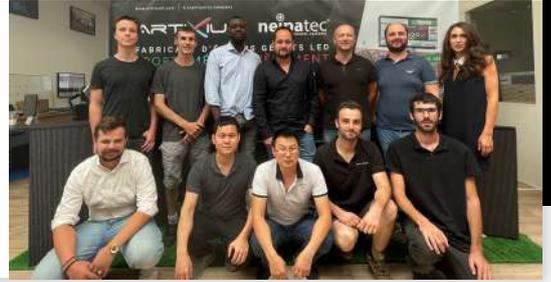
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ARTIXIUM®

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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