

# COBALT

SCOREBOARD

ULTRA HIGH BRIGHTNESS LED SCOREBOARD





## OVERVIEW

The COBALT SCOREBOARD was specially designed to be extremely robust but also to broadcast your visual content on the brightest LED display cabinet you will find (up to 10000 NITS). Additionally, we've implemented a smart heat dissipation system which makes the COBALT SCOREBOARD one of the best cabinets on the market for long-term fixed installations.



APPLICATION  
**Outdoor**



INGRESS PROTECTION  
**IP68 (front) / IP67 (back)**



PIXEL PITCH  
**P6.6 P8 P10**



DISPLAY AREA (W x H)  
**960 x 960 mm**  
**960 x 1280 mm**  
**960 x 640 mm**  
**1440 x 960 mm**



BRIGHTNESS  
**≤ 10000 NITS (LED TYPE SMD)**



WEIGHT  
**28 kg/sqm**



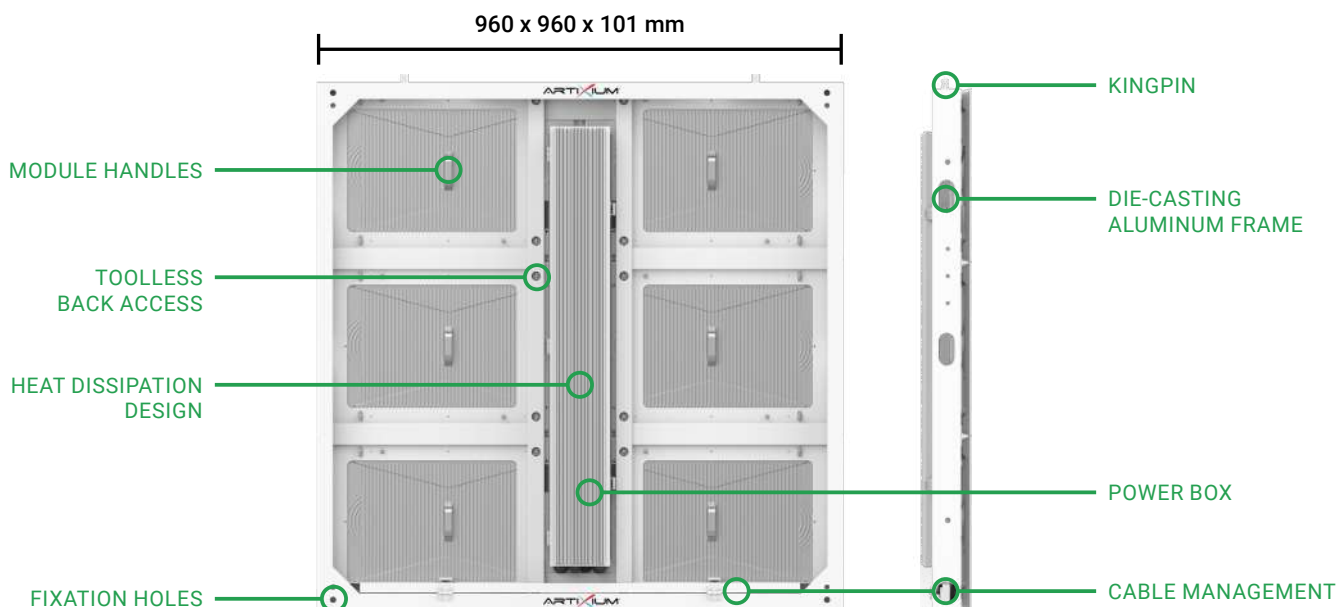
MATERIAL  
**Die-casting aluminum**



MAINTENANCE  
**Front & back maintenance**



## FEATURES





## 10000 NITS LED DISPLAY

Through time, the color uniformity of your LED display usually degrades. This is when the calibration of your screen becomes mandatory. This process will reduce your screen brightness by 5 to 10% (2~3 years). Using 10000 NITS screen allows you to still have a very bright screen after a few years of usage (approximately 7000 NITS after 5 to 6 years).



**CURVE OPTION**



**DIE-CASTING ALUMINUM**



**FRONT & BACK ACCESS**

## AIR CONVECTION CYCLE

The COBALT SCOREBOARD cabinets and modules are specially designed to accelerate heat dissipation by letting air circulate between the different components of your LED scoreboard. Reducing heat in an outdoor LED display is one of the best means of preserving its components and ensuring a long lifespan.

## MAINTENANCE MODE

Modules and back power supply can be installed and maintained from the back as well as the front of the cabinet. This facilitates the integration and maintenance of your LED scoreboard.



## VISUAL PROPERTIES

With a 10000 NITS brightness and a 6.67mm to 10mm pixel pitch, you ensure clear visibility from anywhere in

your stadium, day or night, to your different sponsors, results, etc.





## TECHNICAL SPECIFICATIONS

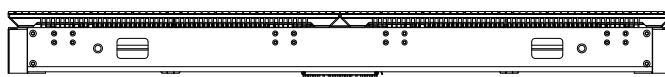
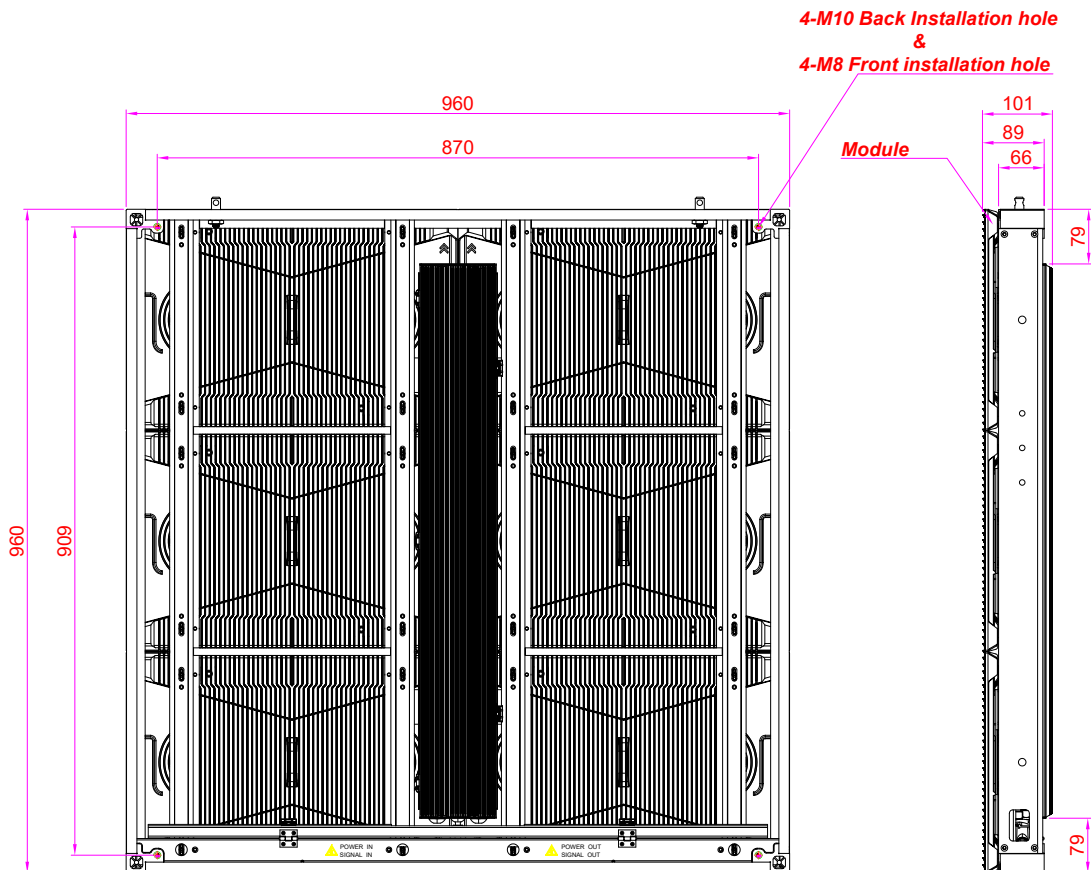
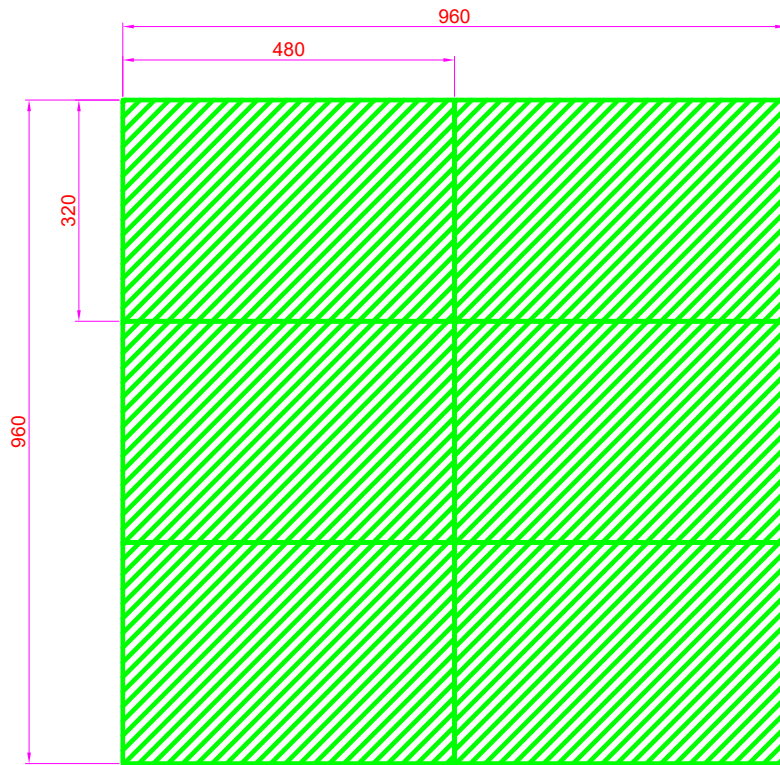
		OUTDOOR		
Product Parameters	Unit	6.6	8	10
Pixel Pitch	mm	6,67	8,00	10,00
LED		SMD2727	SMD3535	SMD3535
Application		Outdoor ultra high brightness		
Ingress Protection	IP	IP68 (Front) / IP67 (Rear)		
Brightness	cd/sqm	≤ 10000 Nits @5volts		
Color Temperature after calib (adjustable)	deg. K	6500		
Viewing Angle (50% brightness)	deg.	180(+/-90) H		
Cabinet Size (WxHxD)	mm	960 x 1280 x 101 / 960 x 960 x 101 / 960 x 640 x 101 / 1440 x 960 x 101		
Display area (WxH)	mm	960 x 1280 / 960 x 960 / 960 x 640 / 1440 x 960		
Module Size (WxHxD)	mm	480 x 320 x 26		
Pixel Matrix Per Cabinet (WxH)	px	144 x 192 / 144 x 144 / 216 x 144	120 x 160 / 120 x 120 / 180 x 120	96 x 128 / 96 x 96 / 144 x 96
Pixel Matrix Per Module (WxH)	px	72 x 48	60 x 40	48 x 32
Pixel Density	px/sqm	22500	15625	10000
Weight	kg/sqm	28		
Cabinet Material		Die-casting aluminum		
Maintenance Mode		Back & front		
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	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		EMC CLASS B / CE / ETL / CCC		
Available options		Curve, hanging bars		
Compatibility		Cabinets mechanically compatible with each other		



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# 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, 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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