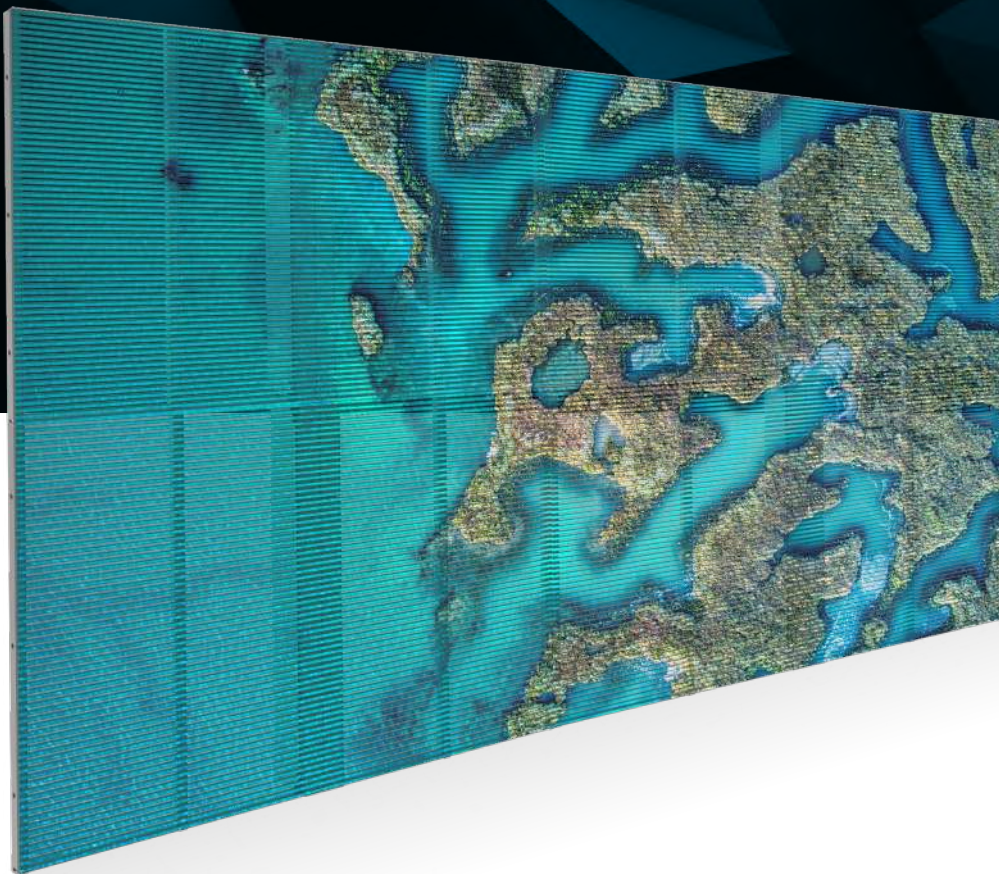




# NEON

OUTDOOR

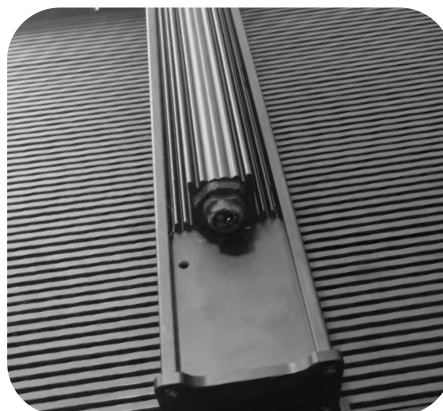
TRANSPARENT LED SCREEN - OUTDOOR





## OVERVIEW

The NEON OUTDOOR is the latest addition to our transparent LED screen range, destined for outdoor applications. This product shares the same features as the NEON, to which a greater resistance to water and dust ingress is added. The NEON OUTDOOR transparency allows your giant LED application to merge with your building, rather than just covering it. It's an ideal product to sublimate architecture with vivid, bright, animated visual content.



APPLICATION  
**Outdoor**



BRIGHTNESS  
**≤ 5500 NITS (LED TYPE SMD)**



INGRESS PROTECTION  
**IP65**



WEIGHT  
**12 - 6 kg/cabinet**



PIXEL PITCH  
**P3.9a7.8  
P7.8 P10.4**



MATERIAL  
**Die-casting aluminum**



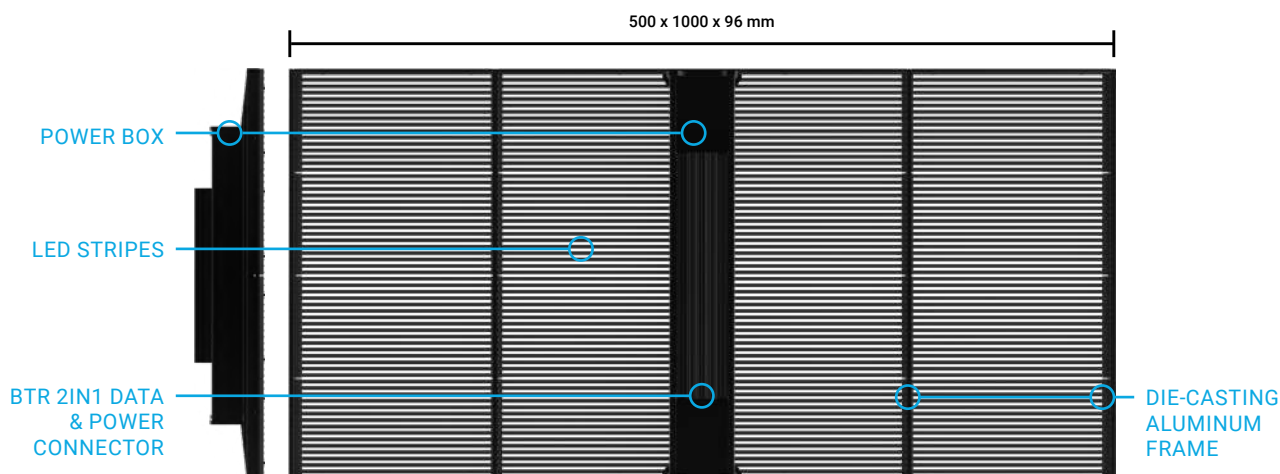
DISPLAY AREA (W x H)  
**1000 x 500 mm  
500 x 500 mm**



MAINTENANCE  
**Back maintenance**



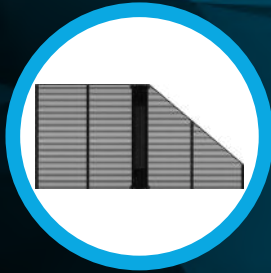
## FEATURES



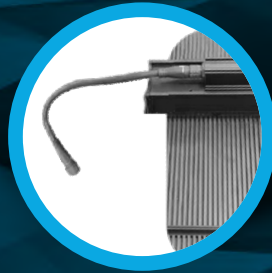


## TRANSPARENCY

The LEDs layout on horizontal stripes allows you to conceive transparent LED screens with the NEON OUTDOOR, for your visual content to merge into your building's design. Furthermore, this feature makes it possible for the people inside the building to still see through your application and maintain clear visibility on the outside of the building.



**CUSTOMIZABLE  
FRAMES**



**2IN1 DATA & POWER  
CONNECTORS**



**IP65 INGRESS AND WATER  
PROTECTION**



## EASY CONNECTION

The 2in1 connectors that equip the NEON OUTDOOR greatly facilitate the installation and wiring process. The data and power are all transmitted through the same BTR cable. Once your giant LED screen is physically integrated, wiring all your cabinets together and configuring them is as fast as it is simple. This also applies to every maintenance that you might need to operate.

## HIGH BRIGHTNESS

Like any of our outdoor LED cabinets, the NEON OUTDOOR allows a high brightness, that goes up to 5500 Nits. This feature ensures you clear visibility from afar, both day and night, perfectly suited for advertising purposes. No matter your visual content, you can rest assured that it will catch everyone's eye 24/7.





## TECHNICAL SPECIFICATIONS

		OUTDOOR		
Product Parameters	Unit	3.9a7.8	7.8	10.4
Pixel Pitch	mm	3,91 x 7,81	7,81	10,42
LED		SM16218		
Application		Transparent LED cabinet		
Ingress Protection	IP	IP65		
Brightness	cd/sqm	≤ 5500 Nits @5volts		
Color Temperature after calib (adjustable)	deg. K	3500-9300 Adjustable		
Viewing Angle (50% brightness)	deg.	160H / 160V		
Cabinet Size (WxHxD)	mm	1000 x 500 x 96 / 500 x 500 x 96		
Display area (WxH)	mm	1000 x 500 / 500 x 500		
Module Size (WxHxD)	mm	500 x 500 x 1.6		
Pixel Matrix Per Cabinet (WxH)	px	256x64 / 128x64	128x64 / 64x64	96x48 / 48x48
Pixel Matrix Per Module (WxH)	px	128x64	64x64	48x48
Pixel Density	px/sqm	32747	16384	9216
Weight of cabinet	kg	12 / 6		
Cabinet Material		Die-casting aluminum		
Maintenance Mode		Back		
Mask specification		No mask		
Contrast Ratio		High		
Grey scale (linear)	bit	16		
Brightness control	bit	16		
Processing depth	bit	16		
Color		281 Trillions		
Display Refresh Rate	Hz	1920		
Operation Power	V	AC220V		
Max. Power Consumption	W/sqm	800		
Average Power Consumption	W/sqm	240		
Control Mode		Synchronization		
Video Frame Rate	Hz	50Hz		
Input Types Supported		DVI / SDI / HDMI		
3D ready (optional)		-		
Calibration		Yes		
Lifetime (50% brightness)	h	50000		
Operating Humidity Range		10 / 80%		
Operating Temperature Range		-10°C / +45°C		
Screen Uniformity Correction		-		
Certification		FCC / CE / ETL / CCC / CB		
Available options		-		
Compatibility		The two cabinets sizes are compatible with each other		

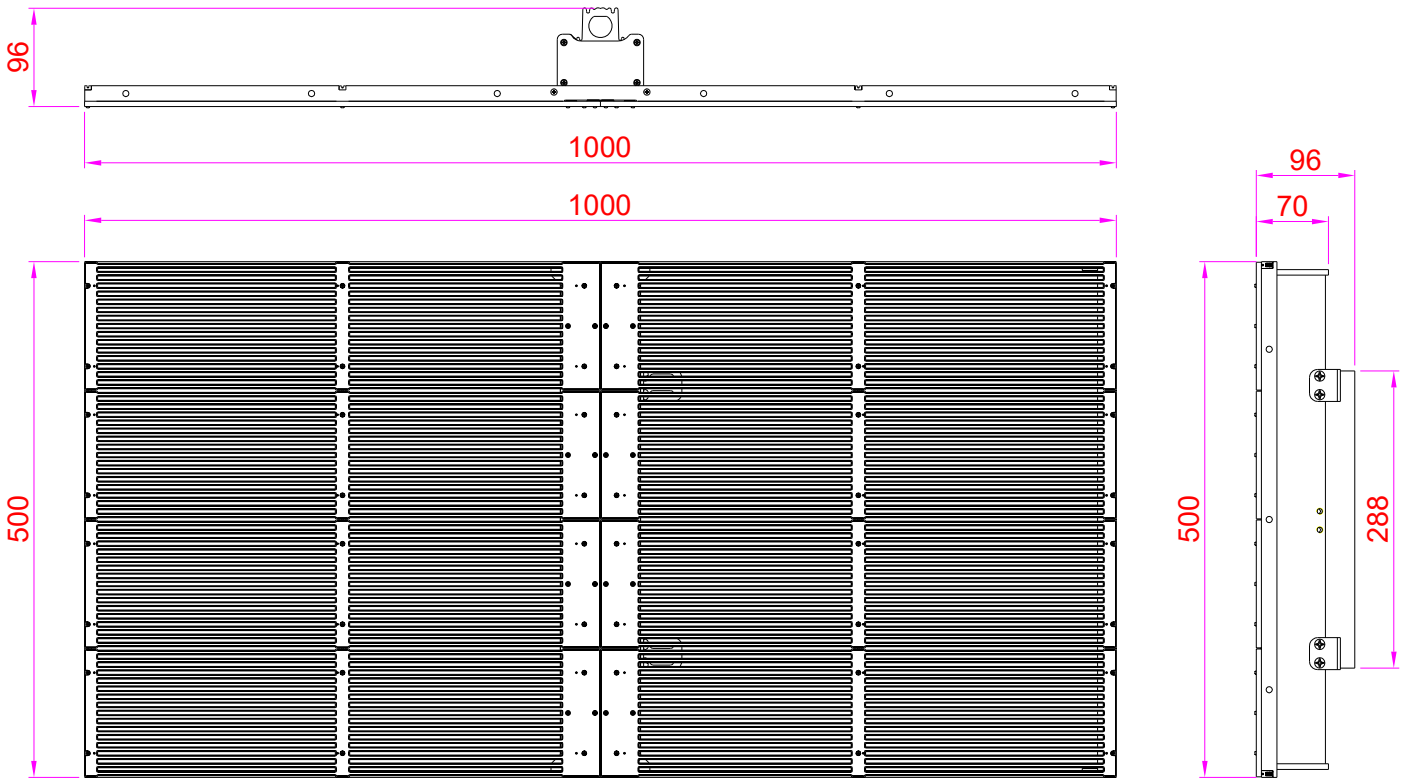


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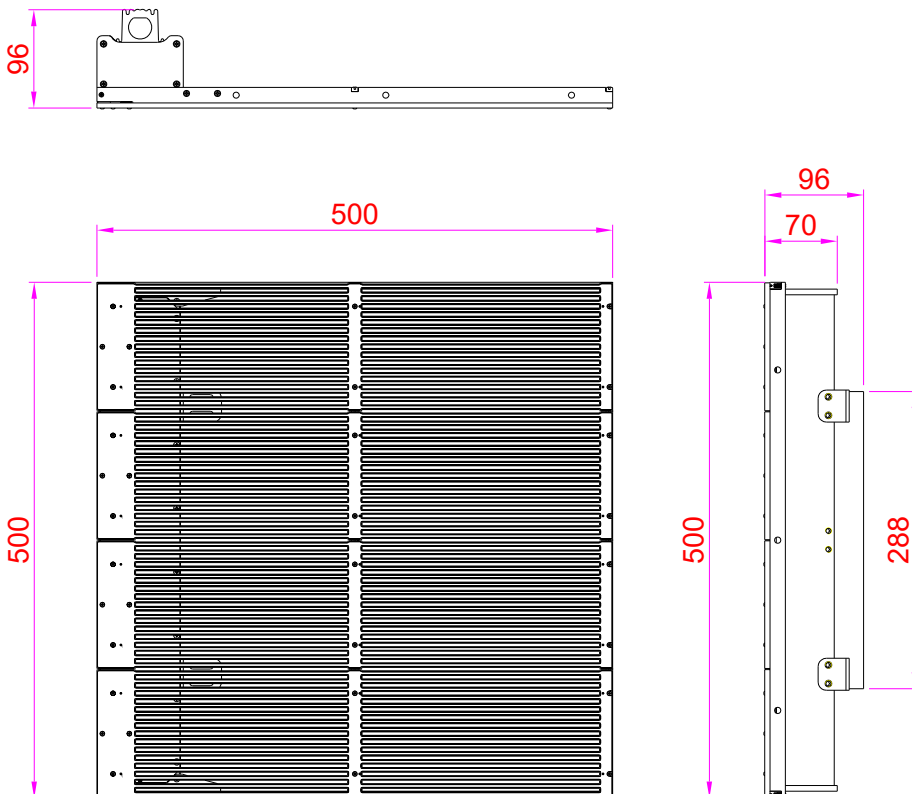


## TECHNICAL DRAWINGS

1000 X 500 X 96 MM



500 X 500 X 96 MM



# 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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Since its creation in 2012 by two European entrepreneurs, Artixium strives to participate in the world's numeric transition and has been innovating towards new ways to contribute to this process ever since. It only took a few years for Artixium to become a key player in the LED display industry, and today we are proud to have provided customers and organizations from all around the world with our products.

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[www.artixium.com](http://www.artixium.com)