NEON

TRANSPARENT SEMI-INDOOR LED APPLICATION

OVERVIEW

The NEON is the best LED solution for a semi-indoor application or for any LED display you want to be able to see through. Its brightness lets you display visual content from the inside of your building to the outside. Whether it's a store front or a window, any of these surfaces can serve as a support for a vivid LED display that will still allow transparency. This is possible thanks to the asymmetric pixel pitch, leaving a small gap between each LED stripe for people to see the display as well as what's behind it.

APPLICATION
Indoor

INGRESS PROTECTION
IP22

PIXEL PITCH
**P1.9a3.9 P2.8a5.6 p3.9a7.8
P5.2a10.4 P7.8 P10.4**

DISPLAY AREA (W x H)
1000 x 500 mm

BRIGHTNESS
≤ 5500 NITS (LED TYPE SMD)

WEIGHT
5 kg/cabinet
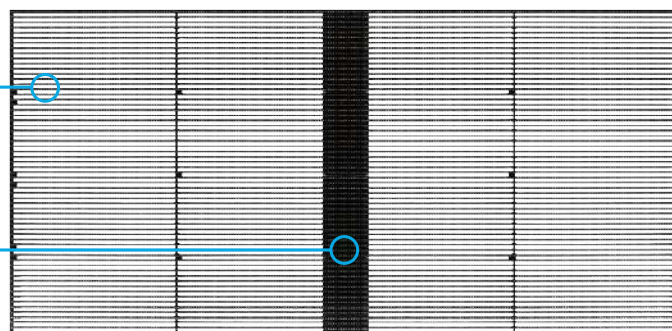
MATERIAL
CNC cut aluminum

MAINTENANCE
Back maintenance

FEATURES

1000 x 500 x 92 mm

SEE-THROUGH
LED AGENCEMENT

CNC CUT
ALUMINUM FRAME

POWER BOX

REMOTE VIDEO UPLOAD

The NEON is provided with 2 in 1 cables that facilitate the integration and allow for wireless data display management to ease the uploading of any visual content. This comes particularly handy when it comes to display that often has to be uploaded (sales, new fashion season, etc.) or to LED applications placed behind hard-to-access windows or glass surfaces.

BACK MAINTENANCE, 2IN1 CABLE (DATA AND POWER)

IDEAL FOR STORE FRONTS

65% TRANSPARENCY WHEN ON

HIGHLY TRANSPARENT

Thank's to the LED layout on vertical stripes on the NEON cabinet, you can easily see through it when it's on. This allows you to display any visual content and enable passerby to get a glimpse at inside your business. When it's turned off, the NEON is barely noticeable and is the evident solution if you want to advertise your business.

HIGH STABILITY

The NEON cabinets are light, tough and easy to assemble and maintain. The maintenance is done from the rear of the cabinets, and each stripe can be replaced individually.
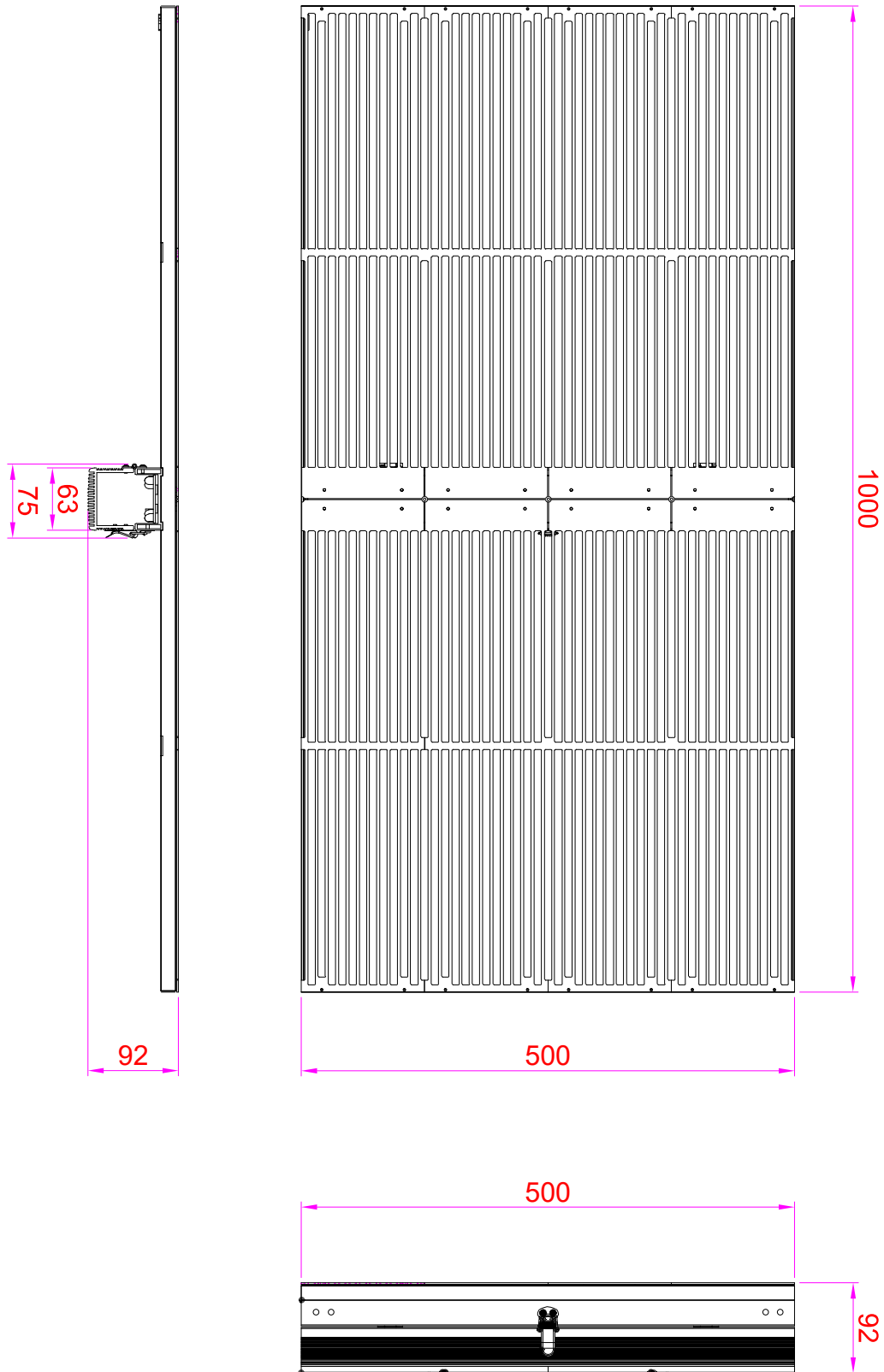
TECHNICAL SPECIFICATIONS

Product Parameters	Unit	INDOOR					
		1.9a3.9	2.8a5.6	3.9a7.8	5.2a10.4	7.8	10.4
Pixel Pitch	mm	1,98 x 3,91	2,84 x 5,68	3,91 x 7,81	5,21 x 10,42	7,81	10,42
LED		SMD 1921					
Application		Transparent LED cabinet					
Ingress Protection	IP	IP22					
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 92					
Display area (WxH)	mm	1000 x 500					
Module Size (WxHxD)	mm	500 x 500 x 1.6					
Pixel Matrix Per Cabinet (WxH)	px	505 x 128	352 x 88	256 x 64	192 x 48	128 x 64	96 x 48
Pixel Matrix Per Module (WxH)	px	253 x 128	176 x 88	128 x 64	96 x 48	64 x 64	48 x 48
Pixel Density	px/sqm	129169	61992	32747	18420	16384	9216
Weight of cabinet	kg	5					
Cabinet Material		CNC 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	180					
Control Mode		Synchronization					
Video Frame Rate	Hz	50Hz					
Input Types Supported		DVI / SDI / HDMI					
3D ready (optional)		-					
Calibration		Yes					
Lifetime (50% brightness)	h	100000					
Operating Humidity Range		10 / 80%					
Operating Temperature Range		-10°C / +45°C					
Screen Uniformity Correction		-					
Certification		FCC / CE / ETL / CCC / CB					
Available options		-					
Compatibility		No					

TECHNICAL DRAWINGS

75
63
92
1000
500
500
92

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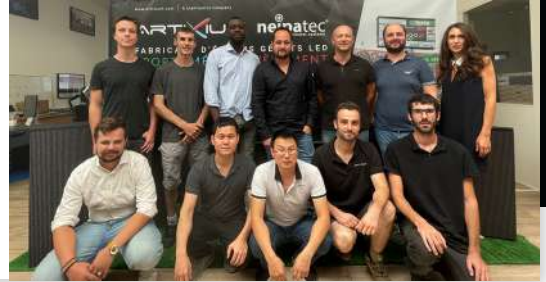 cultures, reflecting their global presence and mindset, making their communication smooth and hassle-free with clients from all around the world. Customer care, Innovation and flexibility has always been our values and we intend to keep this reputation for many years to come.

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

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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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