NEON DRAWING & SPECIFICATIONS

ARTIXIUM®

NEON

FIXED INDOOR • OUTDOOR
TRANSPARENT LED DISPLAY

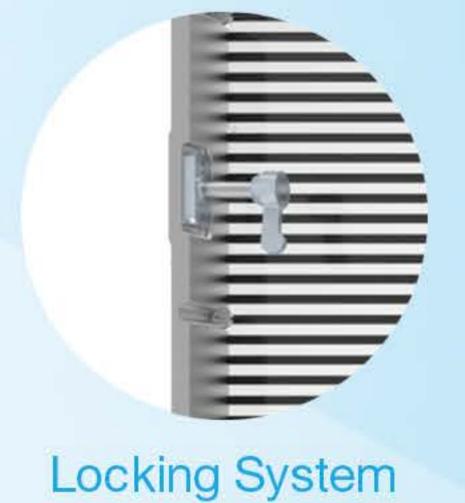| Product Parameters	Unit	Indoor (low brightness)		Outdoor (high brightness)	
		3a	7	3a HB	7 HB
Pixel Pitch	mm	3.9/7.8	7.80	3.9/7.8	7.80
LED		SMD2020 3in1 (Black Face)		SMD1921 (Black Face)	
Application		Media Fixed behind windows LED display			
Ingress Protection	IP	IP22		IP65	
Brightness	cd/sqm	1500 Nits @5volts		5500 Nits @5volts	
Color Temperature after calib (adjustable)	deg. K	6500			
Viewing Angle (50% brightness)	deg.	140(+/-70) H / 140 V			
Cabinet Size (WxHxD) in mm	mm	1000 x 500 x 68			
Module Size (WxHxD) in mm	mm	500 x 250 x 15			
Pixel Matrix Per Cabinet (W x H)	px	256 x 64	128 x 64	256 x 64	128 x 64
Pixel Matrix Per Module (W x H)	px	128 x 32	64 x 32	128 x 32	64 x 32
Pixel Density	px/sqm	32873	16437	32873	16437
Weight of cabinet	kg	8			
Cabinet Material		Aluminum Anodised + CNC			
Maintenance Mode		Back only			
Mask specification		No Mask			
Contract Ratio		Low			
Grey scale (linear)	bit	16			
Brightness control	bit	16			
Processing depth	bit	16			
Color		281 Trillions			
Display Refresh Rate	Hz	1920			
Operation Power	V	AC85-230V			
Max. Power Consumption per cabinet	W	Estimation: 200W / Can change with calibration		Estimation: 400W / Can change with calibration	
Average Power Consumption per cabinet	W	Estimation: 80W / Can change with calibration		Estimation: 150W / Can change with calibration	
Control Mode		Synchronisation			
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		-10°C / +50°C			
Transparency		54%	70%	54%	70%
Certification		CE / ETL / CCC			
Available options		Support Hanging			
Compatibility		No			

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The NEON is an indoor or outdoor transparent LED display solution perfectly adapted for architectural setups. With a pixel pitch ranging from P3.9a to P7.8, it's a product made for medium to long distance viewing and a large display surface. The NEON is a highly transparent and lightweight cabinet which is highly adaptable to any type of building. Furthermore, the concept of this product is made to be resistant in the most demanding environments, high/low temperatures, strong wind and rain.

- **Transparent** LED display
- Indoor **(IP22)** & Outdoor **(IP65)**
- **P3.9a - P7.8**
- High brightness

- **1500 - 5500 NITS**
- **1000 x 500 x 68mm**
- **ALU CNC cutted frames**
- **8 KG/Cabinet**

Test Button

Locking System

Connector protection (IP65)

KEY FEATURES

ARTISTIC ARCHITECTURE
By using the NEON, you can cover extremely large surfaces with a relatively low budget. From airports to stadium fascades, hotels and shopping malls, the NEON will make your architectural projects look amazing while remainig discreet.

EXTREME ENVIRONMENT
This product is fully IP65 and protected against UV. As a transparent type of product, it's very resistant to strong wind and rain.

1000 x 500 x 68 mm

Locking System

Central Overlock System

ALU CNC Cuted Frame

Slim SMD LED Stripes

Cable Connectors