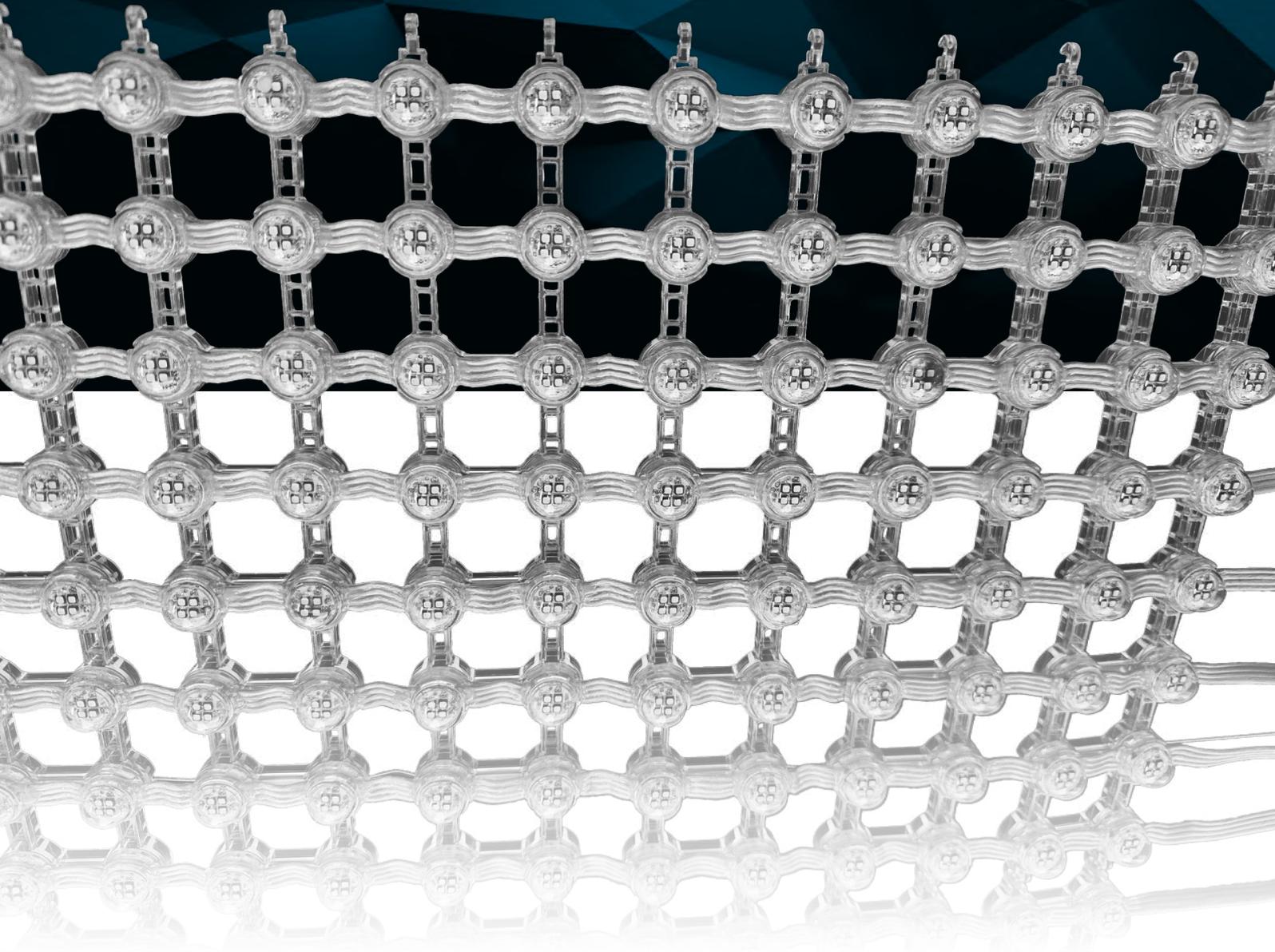




MOONSTONE

TRANSPARENT LED FACADE





OVERVIEW

The MOONSTONE represents the latest addition to our FAÇADE range, specifically designed for large-scale outdoor projects. With its high brightness and wide 50mm pitch, it stands out particularly in LED display applications on extensive surfaces. Its exceptional flexibility makes it a suitable choice for a variety of shapes and configurations of outdoor surfaces. With an IP65 ingress protection, this product is perfectly equipped to withstand all weather conditions, ensuring flawless performance even in challenging environments.



APPLICATION
Outdoor



BRIGHTNESS
≤ 6500 NITS



INGRESS PROTECTION
IP65



WEIGHT
7 kg/m²



PIXEL PITCH
P50



MATERIAL
PVC + Rubber



DISPLAY AREA (W × H)
400 x 5000 mm

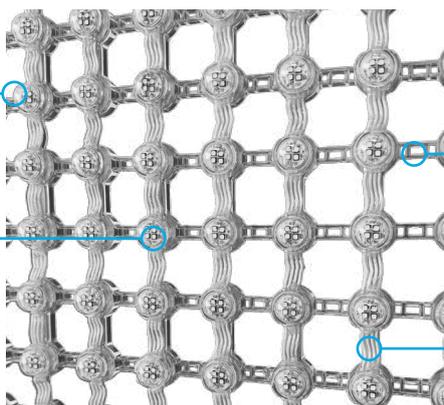


MAINTENANCE
Front & back maintenance



FEATURES

TRANSPARENT
PVC CAPSULES



REMOVABLE PVC CROSSBARS

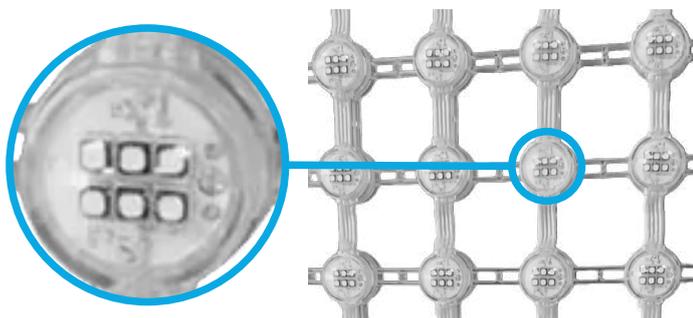
HIGH BRIGHTNESS
SMD LEDS

FLEXIBLE CONNECTIONS



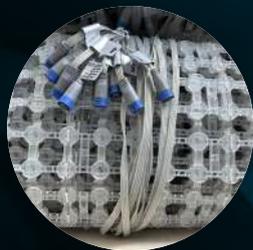
CUSTOMIZABLE DIMENSIONS

Thanks to its design, which involves connecting strips of LED capsules using detachable PVC bars, the MOONSTONE can achieve any size or shape according to your requirements. With its high flexibility, your screen will be suitable for attaching to any buildings you desire.

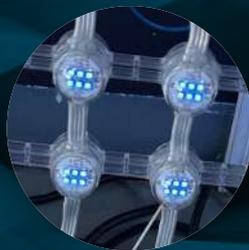


6 LEDS PeR CAPSULE

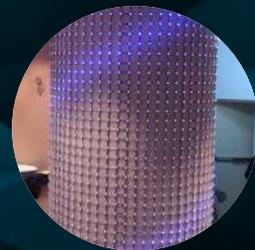
In order to enhance image quality and brightness, the MOONSTONE encapsulates SMD2727 LEDs in groups of 6. These are protected from the elements by a transparent PVC capsule in a dome shape, which diffuses the lights from the LEDs to increase the visibility of your giant screen.



EASY TO STORE, INSTALL, AND REUSE...



6 LEDS PER CAPSULE



FLEXIBLE AT WILL

QUICK MAINTENANCE

The replacement of a defective capsule takes less than a minute, whether from the front or the back of your setup. This operation is performed with an easy-to-use tool, specially designed to simplify the process.





TECHNICAL SPECIFICATIONS

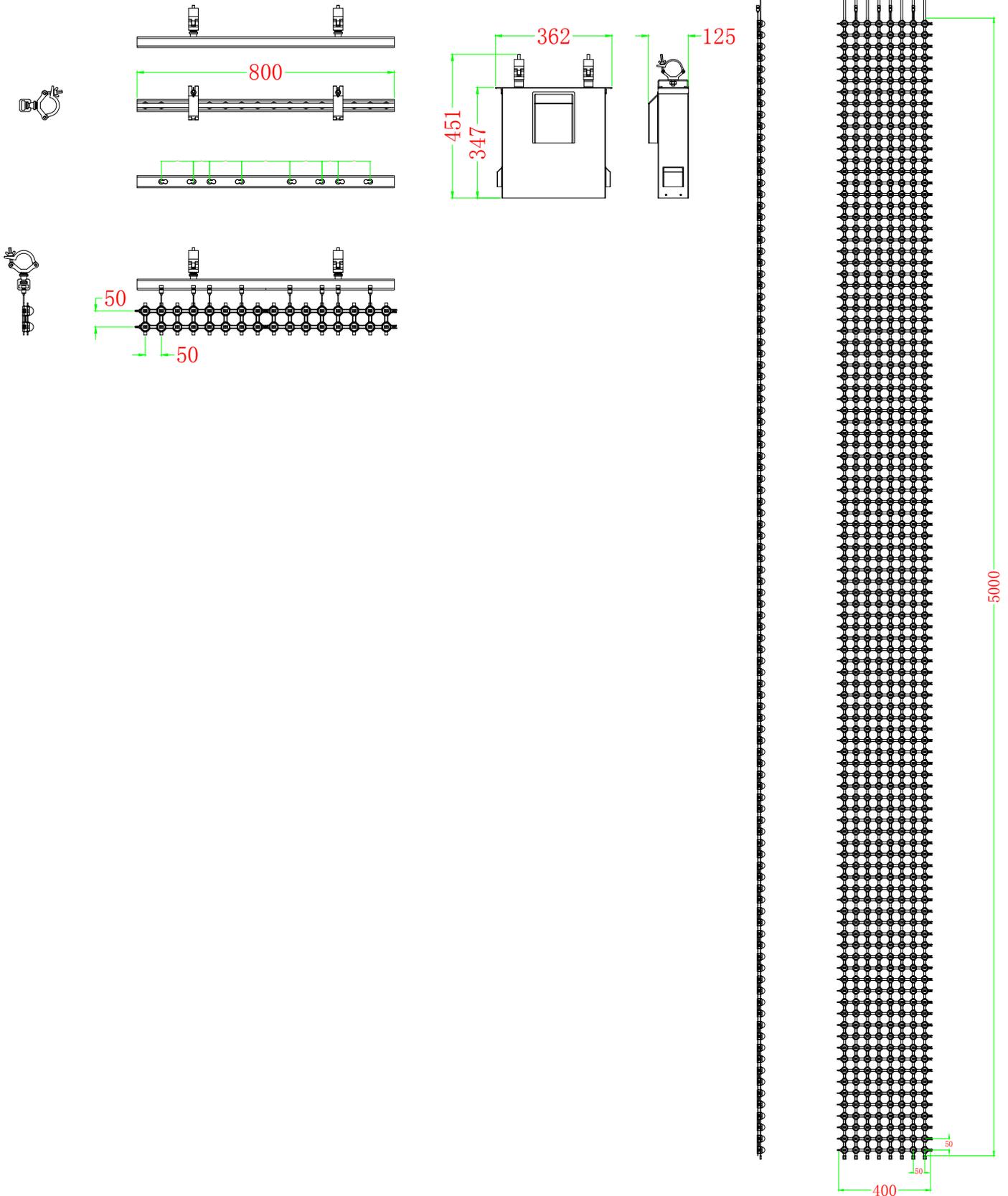
		OUTDOOR
Product Parameters	Unit	50
Pixel Pitch	mm	50,00
LED		6 x SMD2727
Application		Outdoor facade
Ingress Protection	IP	IP65
Brightness	cd/m ²	≤ 6500 Nits @5volts
Color Temperature after calib (adjustable)	deg. K	6500
Viewing Angle (50% brightness)	deg.	140 H / 110 V
Display Area (WxH)	mm	400 x 5000 x 8
Cabinet Size (WxHxD)	mm	400 x 5000
Module Size (WxHxD)	mm	No module
Pixel Matrix Per Cabinet (W x H)	px	8 x 100
Pixel Matrix Per Module (W x H)	px	No module
Pixel Density	px/m ²	400
Weight of cabinet	kg	7
Cabinet Material		PVC + Rubber
Maintenance Mode		Front & back
Mask specification		Transparent PVC capsule
Contrast Ratio		High
Grey scale (linear)	bit	16
Brightness control	bit	16
Processing depth	bit	16
Color		281 Billions
Display Refresh Rate	Hz	1920
Operation Power	V	AC85-230V
Max. Power Consumption	W/m ²	600
Average Power Consumption	W/m ²	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		10-90%
Operating Temperature Range		-20°C / +50°C
Screen Uniformity Correction		
Certification		CE / RoHS



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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-

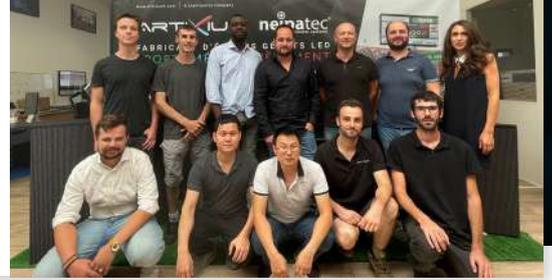
ing their communication smooth and hassle-free with clients from all around the world. Customer care, Innovation and flexibility has always been our values and we intend to keep this reputation for many years to come.

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.

www.artixium.com