DIASPORE MINI

INTERACTIVE LED FLOOR

OVERVIEW

The highly responsive DIASPORE MINI cabinets offer an unlimited number of possibilities for your interactive floor display. Its shockproof modules allow for continuous and intensive use, with specially designed anti-scratch and anti-blunt masks and a bearing capacity of over 2000kg/sqm. You can associate the touch reactive visual effects to sound and light effects to further enhance your audience experience.

APPLICATION
Indoor / Outdoor

INGRESS PROTECTION
IP65 (front) / IP43 (back)

PIXEL PITCH
P2.9 (indoor)
P3.9 P4.8 P5.2 P6.2 (outdoor)

DISPLAY AREA (W x H)
500 x 500 mm

BRIGHTNESS
≤ 1000 NITS (indoor)
≤ 3000 NITS (outdoor)

WEIGHT
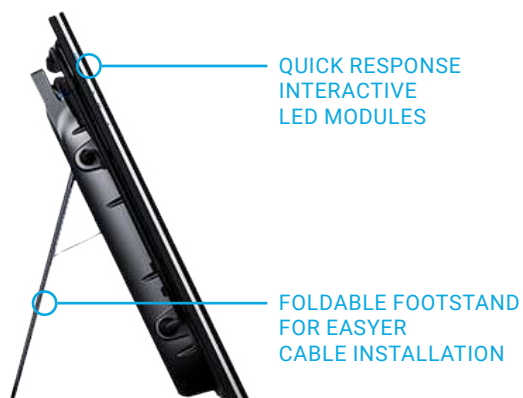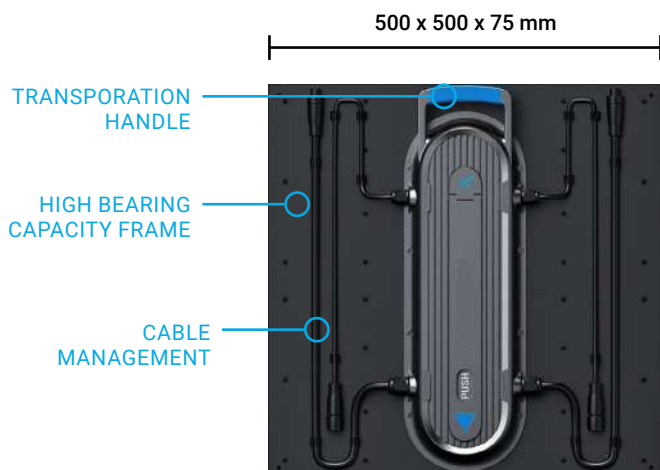**12.5 kg/cabinet**

MATERIAL
Steel & aluminum

MAINTENANCE
Front maintenance

FEATURES

500 x 500 x 75 mm

TRANSPORATION HANDLE

HIGH BEARING CAPACITY FRAME

CABLE MANAGEMENT

QUICK RESPONSE INTERACTIVE LED MODULES

FOLDABLE FOOTSTAND FOR EASYER CABLE INSTALLATION

REACTIVE MODULES

The gold-plated connectors of the DIASPORE MINI LED floor to allow for a quick touch response. The reaction speed of only 0.016s allows the audience to interact in real-time with your LED floor display. There is no limit to the number of interactions you can imagine enhancing the experience of your installation (piano floor, walk on snow, floor-breaking, visuals elements, and sound triggers...).

INTEGRATED POWER AND DATA CABLES

HEAVY DUTY MASK : NO SCRATCH, NO BLUNT, HIGH BEARING CAPACITY

HIGHLY REACTIVE LED DISPLAY

SHOCKPROOF (IK10)

The module masks are made of PC material with high transparency and wear resistance that doesn't affect the quality of the colors displayed. Skid-resistant, wear-resistant, UV-resistant, anti-reflection, anti-blunt, anti-scratch, all these properties are reunited to allow prolonged and intensive use, for thousands of attendees.

STABLE AND DURABLE

The DIASPORE MINI LED floor is conceived to be placed on a rail system that must be tailored to your project. While this might take a bit more planning to implement, it makes for an ideal solution for a permanent application that will stay true, stable, and durable in the long run.

LED FLOOR INTEGRATION

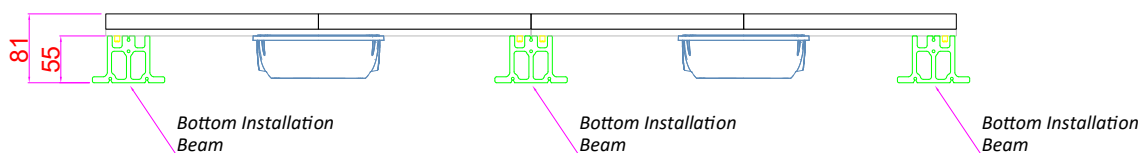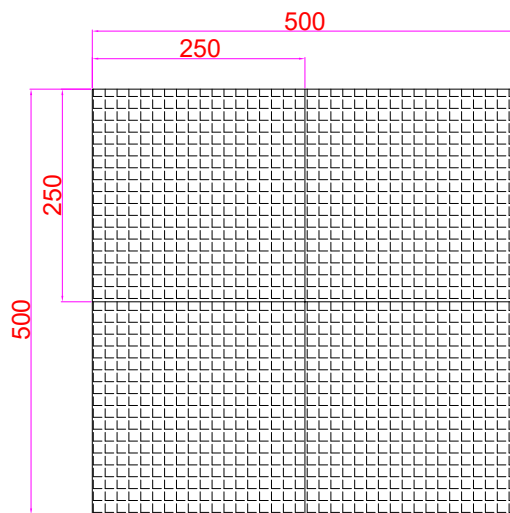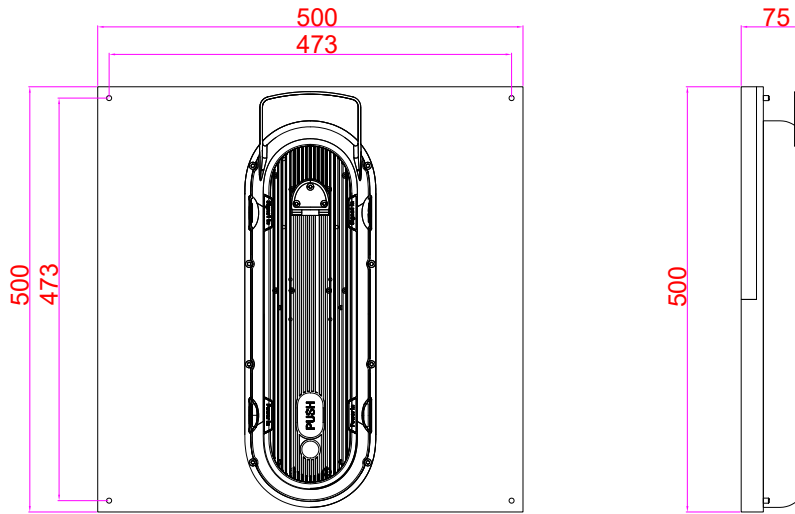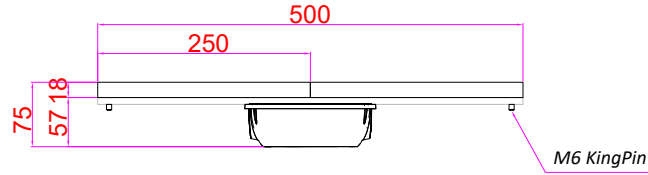| Weilding | Rail installation | Screen calibration | Cabinet integration |

TECHNICAL SPECIFICATIONS

Product Parameters	Unit	INDOOR	OUTDOOR			
		2,9	3,9	4,8	5,2	6,2
Pixel Pitch	mm	2,98	3,91	4,81	5,21	6,25
LED		SMD1415	SMD1921			
Application		Indoor LED floor				
Ingress Protection	IP	IP65 (Frontt) / IP43 (Back)				
Brightness	cd/sqm	≤ 1000 Nits @5volts	≤ 3000 Nits @5volts			
Color Temperature after calib (adjustable)	deg. K	6500 - 7500 Adjustable				
Viewing Angle (50% brightness)	deg.	110 H / 110 V				
Cabinet Size (WxHxD)	mm	500 x 500 x 75				
Display area (WxH)	mm	500 x 500				
Module Size (WxHxD)	mm	250 x 250				
Pixel Matrix Per Cabinet (WxH)	px	168 x 168	128 x 128	104 x 104	96 x 96	80 x 80
Pixel Matrix Per Module (WxH)	px	84 x 84	64 x 64	52 x 52	48 x 48	40 x 40
Pixel Density	px/sqm	112896	65536	43264	36864	25600
Weight of cabinet	kg	12,5				
Cabinet Material		Steel / aluminum				
Maintenance Mode		Front				
Mask specification		Plastic / Rubber / No screws / No shaders				
Contrast Ratio		High				
Grey scale (linear)	bit	16				
Brightness control	bit	16				
Processing depth	bit	16				
Color		281 Trillions				
Display Refresh Rate	Hz	1920Hz				
Operation Power	V	AC85-230V				
Max. Power Consumption	W/sqm	800				
Average Power Consumption	W/sqm	400				
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				
Certification		CE / ETL / CCC				
Available options		-				
Compatibility		No				

TECHNICAL DRAWINGS

500
250
75
57 18

M6 KingPin

500
473
500
473
75
500

500
250
250
500

81
55

Bottom Installation
Beam

Bottom Installation
Beam

Bottom Installation
Beam

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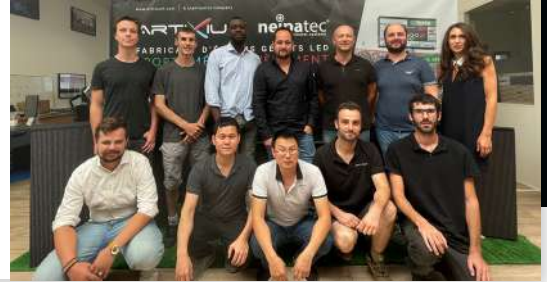res, reflecting their global presence and mindset, making their communication smooth and hassle-free with clients from all around the world. Customer care, Innovation and flexibility has always been our values and we intend to keep this reputation for many years to come.

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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