AXXION600 2.0
HIGH END OUTDOOR LED DISPLAY

OVERVIEW

The AXXION600 2.0 was especially studied for high-end outdoor applications. Its IP67 and 16:9 ratio make it the ideal solution for anyone who wishes to invest in a high-quality display with a long lifespan. Light, robust, conceived to fit numerous projects, easy to integrate and maintain, the AXXION600 2.0 is one of our best outdoor products.

APPLICATION
Outdoor

BRIGHTNESS
≤ 10000 NITS (LED TYPE SMD)

INGRESS PROTECTION
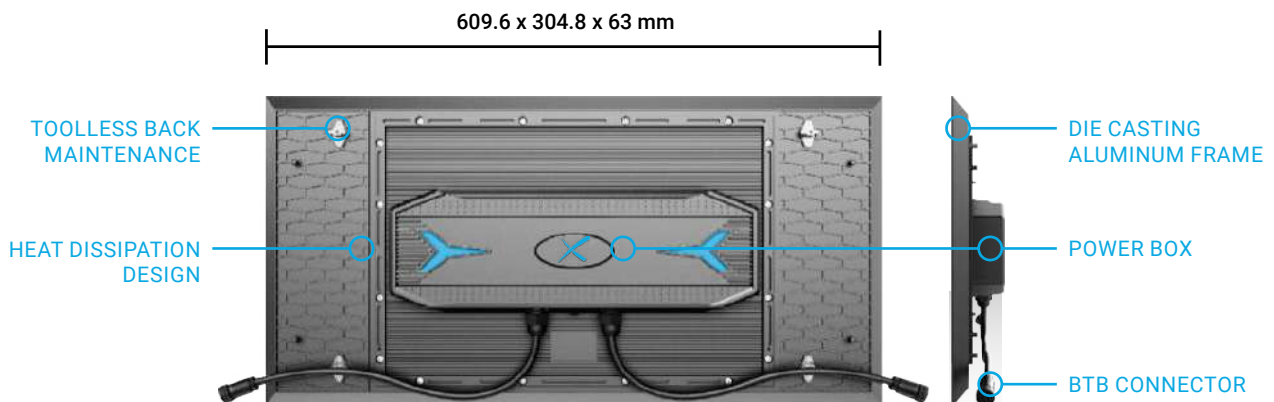**IP67**

WEIGHT
3.9 kg/cabinet

PIXEL PITCH
P4.7 P6.3 P9.5

MATERIAL
Die-casting aluminum

DISPLAY AREA (W x H)
609.6 x 304.8 mm

MAINTENANCE
Front & back maintenance

FEATURES

609.6 x 304.8 x 63 mm

TOOLLESS BACK
MAINTENANCE

DIE CASTING
ALUMINUM FRAME

HEAT DISSIPATION
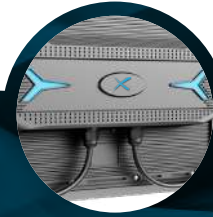DESIGN

POWER BOX

BTB CONNECTOR

AXXION600 2.0

GOLDEN RATIO

Just like the HD and UHD resolutions (from 1080p to 8k), the AXXION600 2.0 golden ratio maximizes its display quality. Depending on the number of modules, your LED display can easily attain HD or UHD resolution. This potential quality is even more enhanced by the integrated light sensors that allow the AXXION600 2.0 to automatically adapt its brightness and color calibration depending on its environment to ensure a quality display visible in any condition.

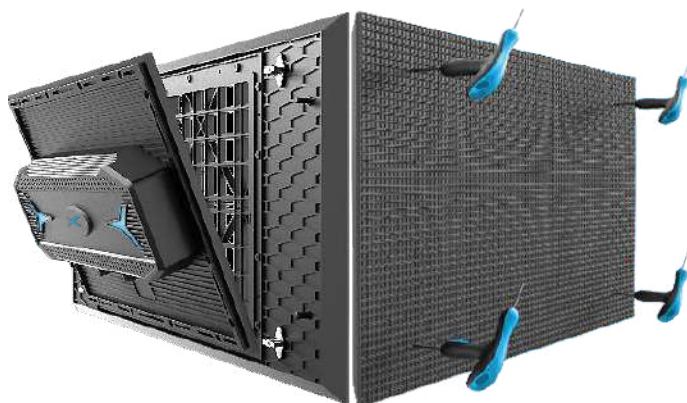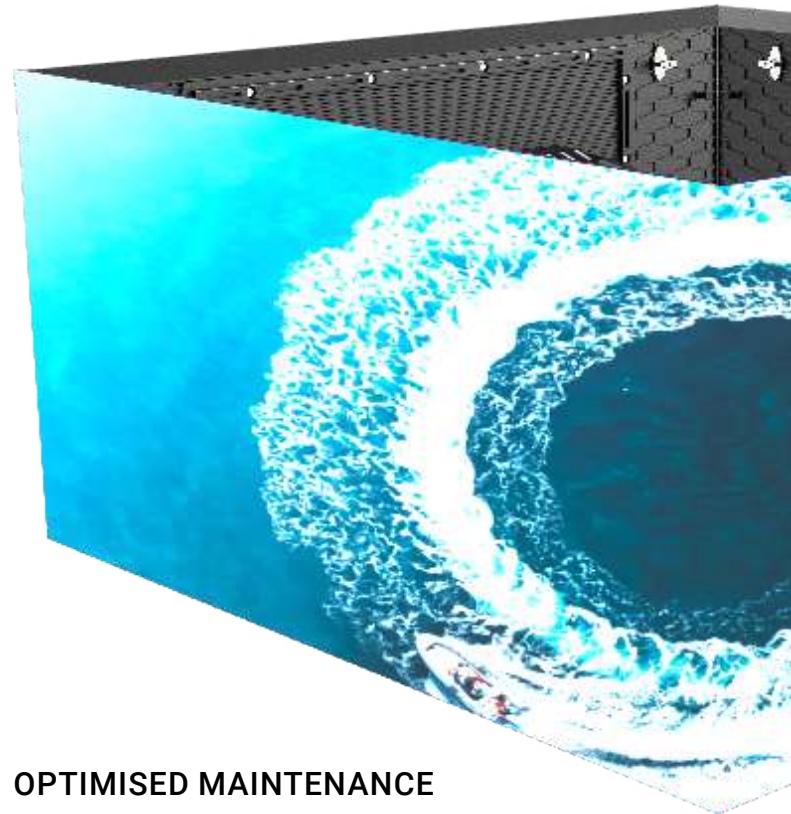**45° PROFILE FOR 90° APPLICATIONS**

BTB CONNECTORS

HIGH BRIGHTNESS & RESILIANCE

IP67

The AXXION600 2.0 ingress protection ensures a waterproof and dustproof product. Its aluminum back shell design dissipates heat, and you can remotely monitor your display's condition at any time. Once properly integrated, this product is virtually unfailing.

SMART DESIGN

The AXXION600 2.0 was mainly designed to fit buildings or structures, hence its frame is profiled to allow an easy 90° integration. Furthermore, its lightweight makes the integration process quick and simple.

OPTIMISED MAINTENANCE

In order to suit any situation, it is possible to maintain the AXXION600 2.0 from the front or from the back. No matter your LED display's disposition, you can choose the maintenance method that better fits your needs. Given each module's lightweight, this process is a one-man job.
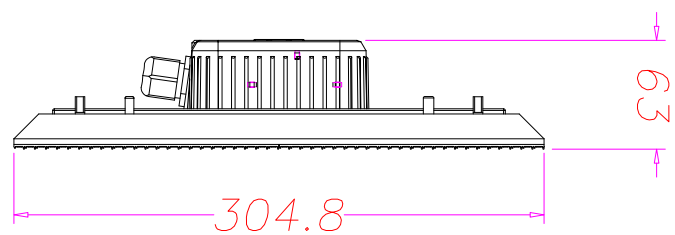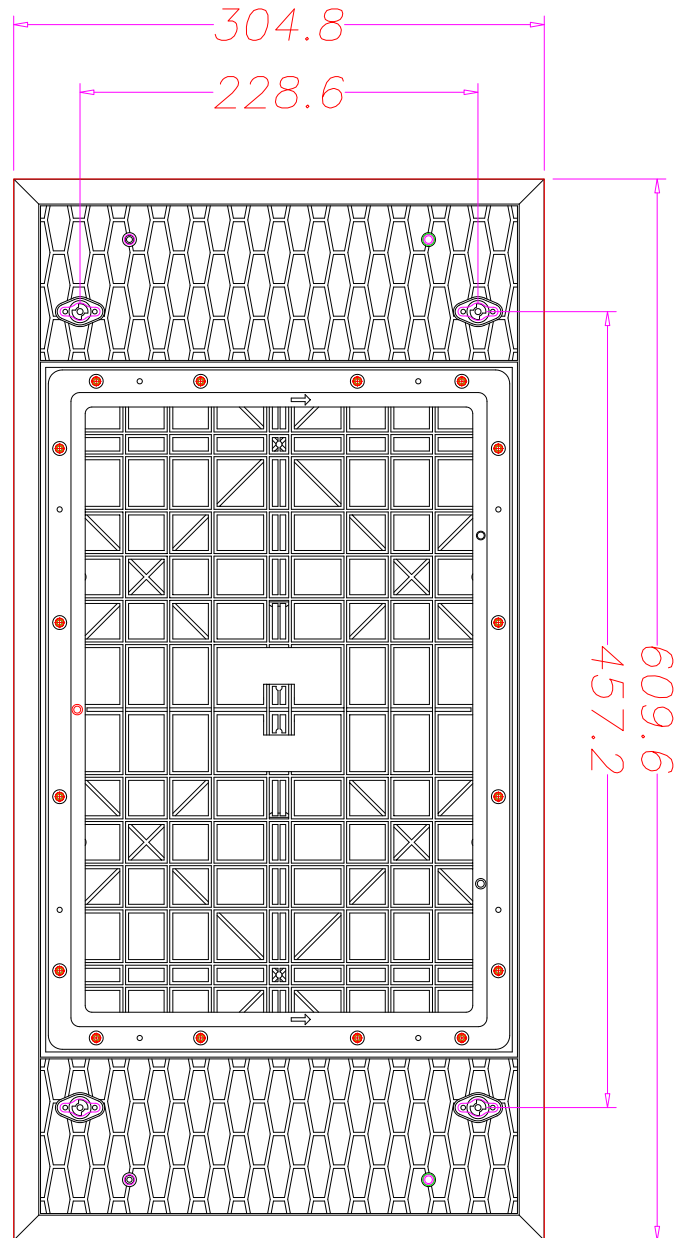
TECHNICAL SPECIFICATIONS

Product Parameters	Unit	OUTDOOR		
		4.7	6.3	9.5
Pixel Pitch	mm	4,76	6,35	9,53
LED		SMD1921	SMD2727	SMD2727
Application		High end outdoor LED display		
Ingress Protection	IP	IP67		
Brightness	cd/sqm	≤ 7000 Nits @5volts	≤ 8500 Nits @5volts	≤ 10000 Nits @5volts
Color Temperature after calib (adjustable)	deg. K	6500-7500		
Viewing Angle (50% brightness)	deg.	160H / 160V		
Cabinet Size (WxHxD)	mm	609.6 x 304.8 x 63		
Display area (WxH)	mm	609.6 x 304.8		
Module Size (WxHxD)	mm	609.6 x 304,8		
Pixel Matrix Per Cabinet (WxH)	px	128x64	96x48	64x32
Pixel Matrix Per Module (WxH)	px	128x64	96x48	64x32
Pixel Density	px/sqm	44089	24800	11022
Weight of cabinet	kg	3.9		
Cabinet Material		Die-casting aluminum		
Maintenance Mode		Front & back		
Mask specification		95% Plastic + 5% Fiber / SS screws / Shaders		
Contrast Ratio		High		
Grey scale (linear)	bit	13-22		
Brightness control	bit	16		
Processing depth	bit	16		
Color		281 Trillions		
Display Refresh Rate	Hz	1920-3840		
Operation Power	V	AC100-220V		
Max. Power Consumption	W/sqm	600		
Average Power Consumption	W/sqm	200		
Control Mode		Synchronization		
Video Frame Rate	Hz	50/60Hz		
Input Types Supported		DVI / SDI / HDMI / DPI		
3D ready (optional)		-		
Calibration		Yes		
Lifetime (50% brightness)	h	100000		
Operating Humidity Range		10-95%		
Operating Temperature Range		- 20°C / + 45°C		
Screen Uniformity Correction		-		
Certification		FCC / CE / ETL / CCC / CB		
Available options		-		
Compatibility		-		

ARTIXIUM UL RoHS CE

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, 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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