



OXYGEN



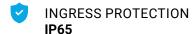


OVERVIEW

Commonly known as the "LED stripes", the OXYGEN has garnered high praises throughout Europe. With its 2R2G2B configuration and IP65, it's ideal for architectural projects. Highly visible both day and night thanks to its high brightness, this fixed LED display will make your next architectural project stand out and become a memorable icon of its district.









DISPLAY AREA (W x H)
30 x 1980 mm



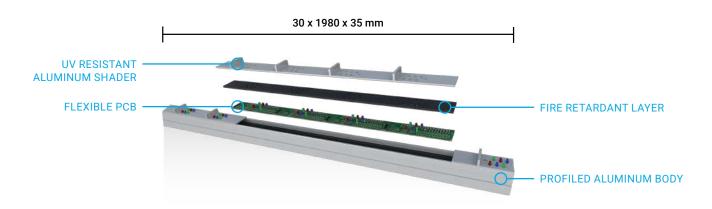




MAINTENANCE Front & back maintenance



FEATURES



KEY FEATURES

One of the main features of the OXYGEN series is the customizable length of each LED stripe in order to fit any existing structure. The aluminum shader's color can also be changed to match your requirements. Sturdy and durable, the OXYGEN can also be curved in accordance with tailored LED projects. This product is lightweight, easy to maintain, and very cost-effective both in freight and in manpower required for its integration and maintenance.



INTEGRATION

The integration of the OXYGEN can be done horizontally or vertically by only one technician due to its lightweight. The integration process requires a few preliminary steps for any architectural project: establishment of the structural plans, construction, or implementation of the support structure, integration of the OXYGEN LED stripes, power and data management, and finally testing of the LED display.



The world's 8th biggest led display in the world - Oxygen @ Tauron Arena Kraków (Facade) by Artixium in 2014



CURVATURE

Each OXYGEN LED stripe can be curved to 30°, meaning that only 12 stripes are required to create a full circle. This feature allows for numerous customized LED display projects and makes the OXYGEN the right product for your large-scale architectural LED display.

OXYGEN





TECHNICAL SPECIFICATIONS

Product Parameters Usis 30.54 61.88 Pice Production mm 30.94 1.80 Application mm Medical outdoor facade Application pp			OUTDOOR		
Application	Product Parameters	Unit	30.9	61.8	
Application P	Pixel Pitch	mm	30,94	61,88	
Ingress Protection	LED		DIP Oval 3mm		
Sergitimess	Application		Media outdoor facade		
Cotor Temperature after calls (adjustable) deg. K 6500 Cabinet Stze (Weshtz) mm 30 x 1980 x 35 Display area (Weshtz) mm 30 x 1980 x 35 Modulé Size (Weshtz) mm No module Pizel Matrix Per Cabinet (Wesht) px 1 x 64 1 x 32 Pizel Matrix Per Cabinet (Wesht) px 1 x 64 1 x 32 Pizel Density px/sgm 1045 261 Weight of cabinet kg 2,5 2 Cabinet Material Profiled aluminum + painted mask (RAL optional) Maintenance Mode Front & back (no tools required) Mask specification Aluminum mask (RAL optional) Cortrast Ratio High Grey scale (linear) bit 16 Brightness control bit 16 Processing depth bit 16 Processing depth bit 16 Operation Power V AC88223V Mask Power Consumption Wesque 50 Average Power Consumption Wesque 50 <tr< td=""><td>Ingress Protection</td><td>IP</td><td colspan="2">IP65</td></tr<>	Ingress Protection	IP	IP65		
Viewing Angle (50% brightness) deg. 110(+/-55) H / 60 V Cabinet Size (WisHz) mm 30 x 1980 x 35 Display area (WisHz) mm 30 x 1980 x 35 Module Size (WisHz) mm No module Picel Matrix Per Cabinet (WisH) px 1 x 64 1 x 32 Picel Dentity px/sqm 1045 261 Weight of cabinet kg 2,5 22 Cabinet Material px/sqm 1045 261 Weight of Cabinet kg 2,5 22 Cabinet Material Frofiled aluminum + painted mask (RAL optional) Maintenance Mode Front & back (no tools required) Make kspelfcation Aluminum mask (RAL optional) Contrast Ratio High Front & back (no tools required) 6 Brightness control bit 16 Brightness control bit 16 Color 281 Trillions Deploy Referesh Rate Hz 120 Operation Power V AC85-230V Average Power Consumption <td>Brightness</td> <td>cd/sqm</td> <td colspan="2">≤ 6000 Nits @5volts</td>	Brightness	cd/sqm	≤ 6000 Nits @5volts		
Dabinet Size (WetkD) mm 30 x 1980 x 35 Display area (Weth) mm 30 x 1980 Module Size (Weth3D) mm No module Display that (Weth) px 1 x 64 1 x 32 Pisel Matrix Per Cabinet (Weth) px No module 1 x 32 Pisel Density px/sqm 1045 261 Weight of cabinet kg 2,5 2 Cabinet Material Registroin Profiled aluminum + pointed mask (RAL optional) Maintenance Mode Front & back (no tools required) Mask specification Aluminum mask (RAL optional) Contrast Ratio High 16 Grey scale (linear) bit 16 Brightness control bit 16 Color 281 Trillions Display Refresh Rate Hz 1920 Operation Power V AC85230V Max. Power Consumption W/sqm 500 Control Mode Synchronization Video Frame Rate Hz 50/60Hz Input Types Supported <td>Color Temperature after calib (adjustable)</td> <td>deg. K</td> <td colspan="2">6500</td>	Color Temperature after calib (adjustable)	deg. K	6500		
Display area (W4H)	Viewing Angle (50% brightness)	deg.	110(+/-55) H / 60 V		
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Operating Temperature Range -20°C / +60°C Screen Uniformity Correction Certification CE / ETL / CCC Available options RAL	Lifetime (50% brightness)	h	50000		
Screen Uniformity Correction Certification CE / ETL / CCC Available options RAL	Operating Humidity Range		10-95%		
Certification CE / ETL / CCC Available options RAL	Operating Temperature Range		-20°C / +60°C		
Available options RAL	Screen Uniformity Correction				
·	Certification		CE / ETL / CCC		
Compatibility	Available options		F	RAL	
	Compatibility		No		



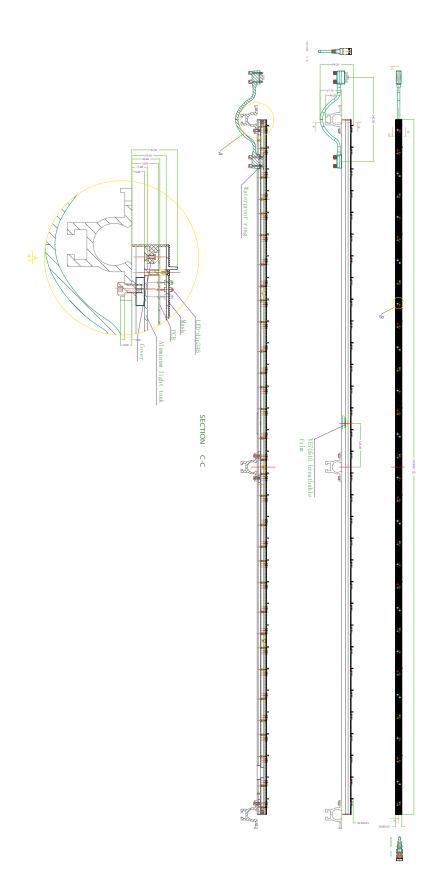


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TECHNICAL DRAWINGS







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.

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