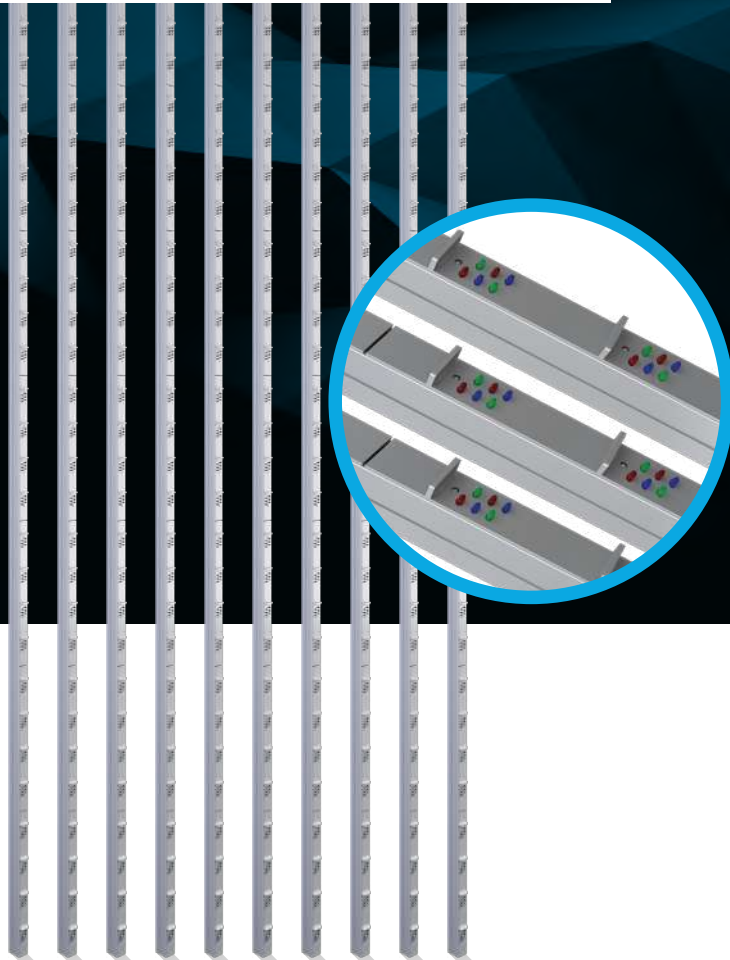




OXYGEN

FIXED OUTDOOR LARGE SCALE LED DISPLAY





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.



APPLICATION
Outdoor



BRIGHTNESS
≤ 6000 NITS (LED TYPE SMD)



INGRESS PROTECTION
IP65



WEIGHT
2 - 2.5 kg/cabinet



PIXEL PITCH
P30.9 P61.8



MATERIAL
**Profiled aluminum
+ painted mask**



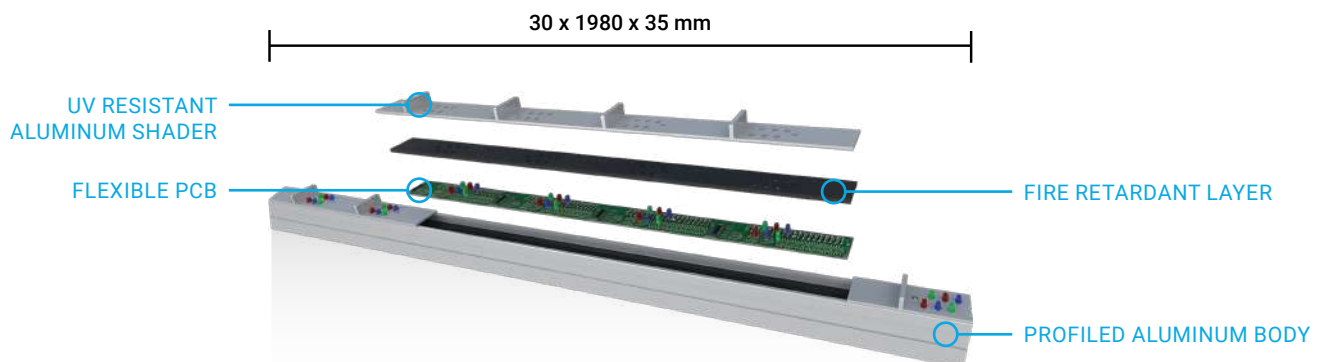
DISPLAY AREA (W x H)
30 x 1980 mm



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.



2R2G2B DIP LEDS



BTB CONNECTORS



ARCHITECTURAL
ENHANCEMENT

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.



TECHNICAL SPECIFICATIONS

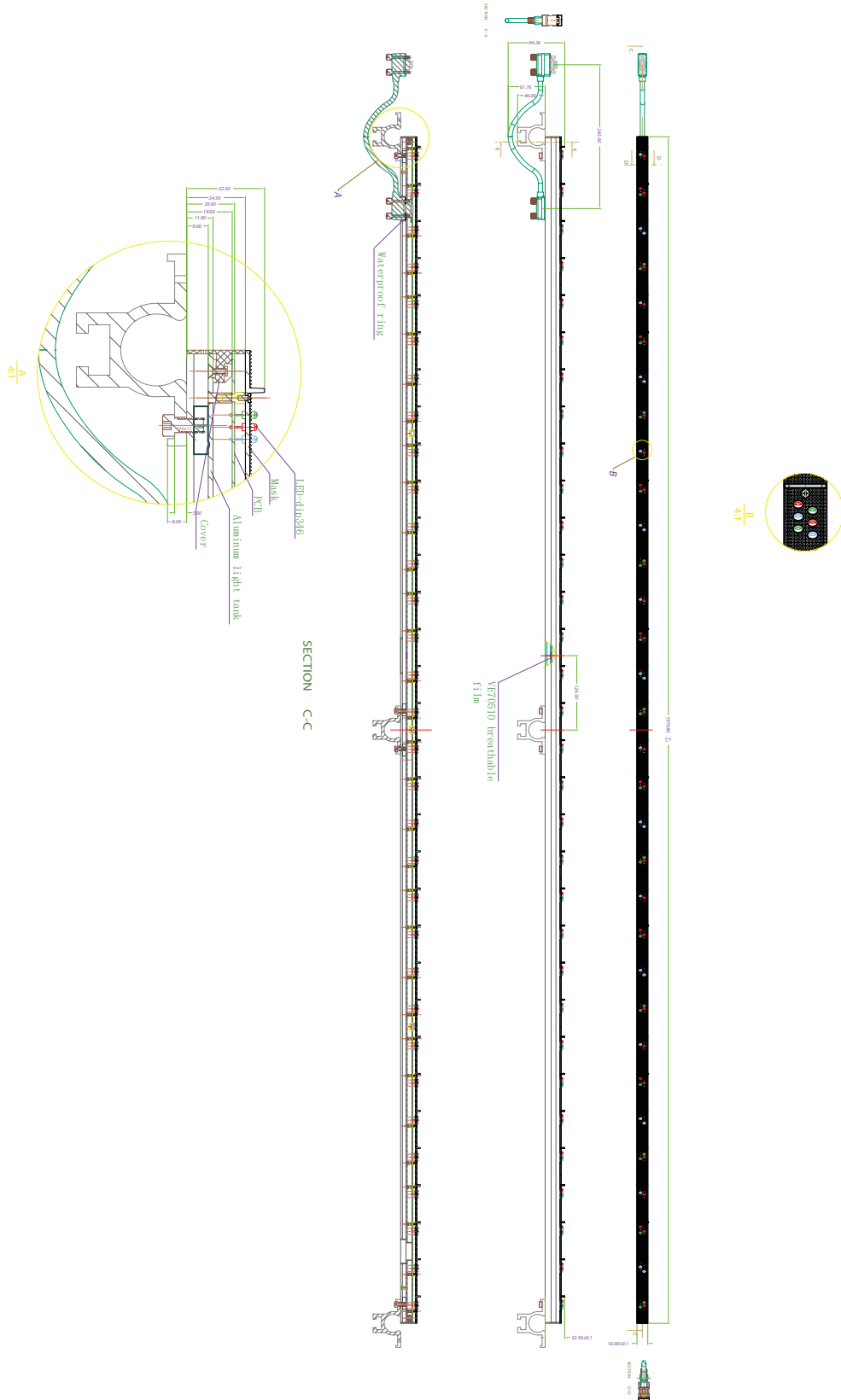
| | | OUTDOOR | |
|--|--------|---|--------|
| Product Parameters | Unit | 30.9 | 61.8 |
| Pixel Pitch | mm | 30,94 | 61,88 |
| LED | | DIP Oval 3mm | |
| Application | | Media outdoor facade | |
| Ingress Protection | IP | IP65 | |
| Brightness | cd/sqm | ≤ 6000 Nits @5volts | |
| Color Temperature after calib (adjustable) | deg. K | 6500 | |
| Viewing Angle (50% brightness) | deg. | 110(+/-55) H / 60 V | |
| Cabinet Size (WxHxD) | mm | 30 x 1980 x 35 | |
| Display area (WxH) | mm | 30 x 1980 | |
| Module Size (WxHxD) | mm | No module | |
| Pixel Matrix Per Cabinet (WxH) | px | 1 x 64 | 1 x 32 |
| Pixel Matrix Per Module (WxH) | px | No module | |
| Pixel Density | px/sqm | 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) | |
| Contrast Ratio | | High | |
| 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 | W/sqm | 500 | |
| Average Power Consumption | W/sqm | 252 | |
| 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 | | 10-95% | |
| Operating Temperature Range | | -20°C / +60°C | |
| Screen Uniformity Correction | | | |
| Certification | | CE / ETL / CCC | |
| Available options | | RAL | |
| Compatibility | | No | |



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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