

A decorative bokeh light effect consisting of a horizontal trail of out-of-focus, multi-colored circles in shades of blue, purple, pink, and white, set against a black background.

*Light
Architects*

“

It's delicious to remain immersed in this kind of liquid light that makes us different beings and suspended.

Paul Claudel

Communicating with Light

Nature teaches us that light is an extraordinary way used by living beings to show themselves to the world.

During Summer evenings, fireflies emit light to signal their presence to their partners. In the deep seas, jellyfish as well as many other marine species take advantage of bioluminescence.

Light is used to fascinate, to show off, to communicate with other life forms.





Light: the Most Elegant of Materials

AvanBrite mission is to bring the most technologically advanced backlighting tools and solutions to anyone wishing to use light in their interior design and advertising applications.











Sculpting with Light

When the object you want to highlight doesn't shine on its own light, you can illuminate it in order to enhance its forms, colors, transparencies.

AvanBrite Lumio and Velarium are the ideal tools to sculpt and define objects in a vast number of scenarios, ranging from shop windows to museums to interior design applications in general, through the backlighting of transparent precious materials such as marble and glass.

Thanks to their thinness, lightness and customizable size and shapes, Lumio LED Panels and Velarium LED Curtains provide extraordinary versatility.



Lumio™ LED Light Panel

The Lumio LED Light Panel represents the state-of-the-art of solid-state lighting. It can be customized in many shapes and sizes and offers amazing versatility in lighting and interior design application.

Being only 8 mm thick and borderless, it's suitable for the design of modular, large and gapless panels.

Thanks to the 3D Advanced Grid Laser Cutting Technology applied to the diffusing PMMA layer, emitted light is perfectly homogeneous, with no dark spots, reflections, pointlike or bright-edge effects, beating the competitors even on large size panels.

Low specific weight allows for the design of very large panels, for wall or ceiling installations without the need for heavy and expensive frames.

Light can be dimmed through the power supply units and control units available as accessories, allowing integration into pre-existing applications.

The available color options include white light (in three color temperatures: Cold, Neutral and Warm), dynamic white light, RGB and RGB+W. The Lumio high-quality light has a Color Rendering Index (CRI) greater than 80.

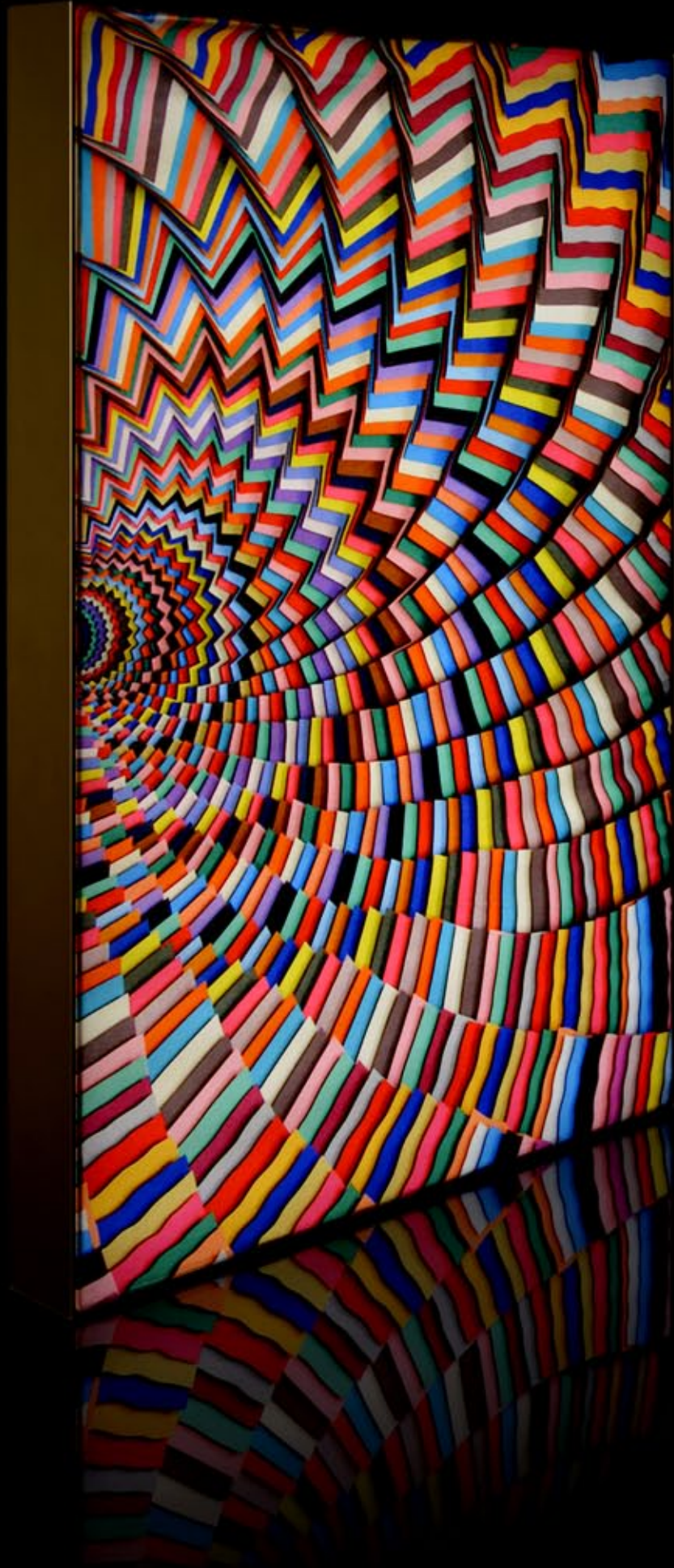


Main Features

- *Low power consumption*
- *Average life longer than 50,000 hours*
- *Custom sizes and shapes*
- *High-quality light (CRI > 80)*
- *Even and comfortable light—no dark spots or pointlike emissions*
- *No flickering*
- *Zero UV emissions*
- *Easy setup and installation*
- *Zero startup delay*
- *Dimmable (PWM)*
- *Vibration resistant*

Applications

- *Interior design*
- *Furnishing*
- *Billboards*
- *Design & advertising*
- *Backlighting of materials such as marble, glass, mosaic, prints and for many other interior design applications*



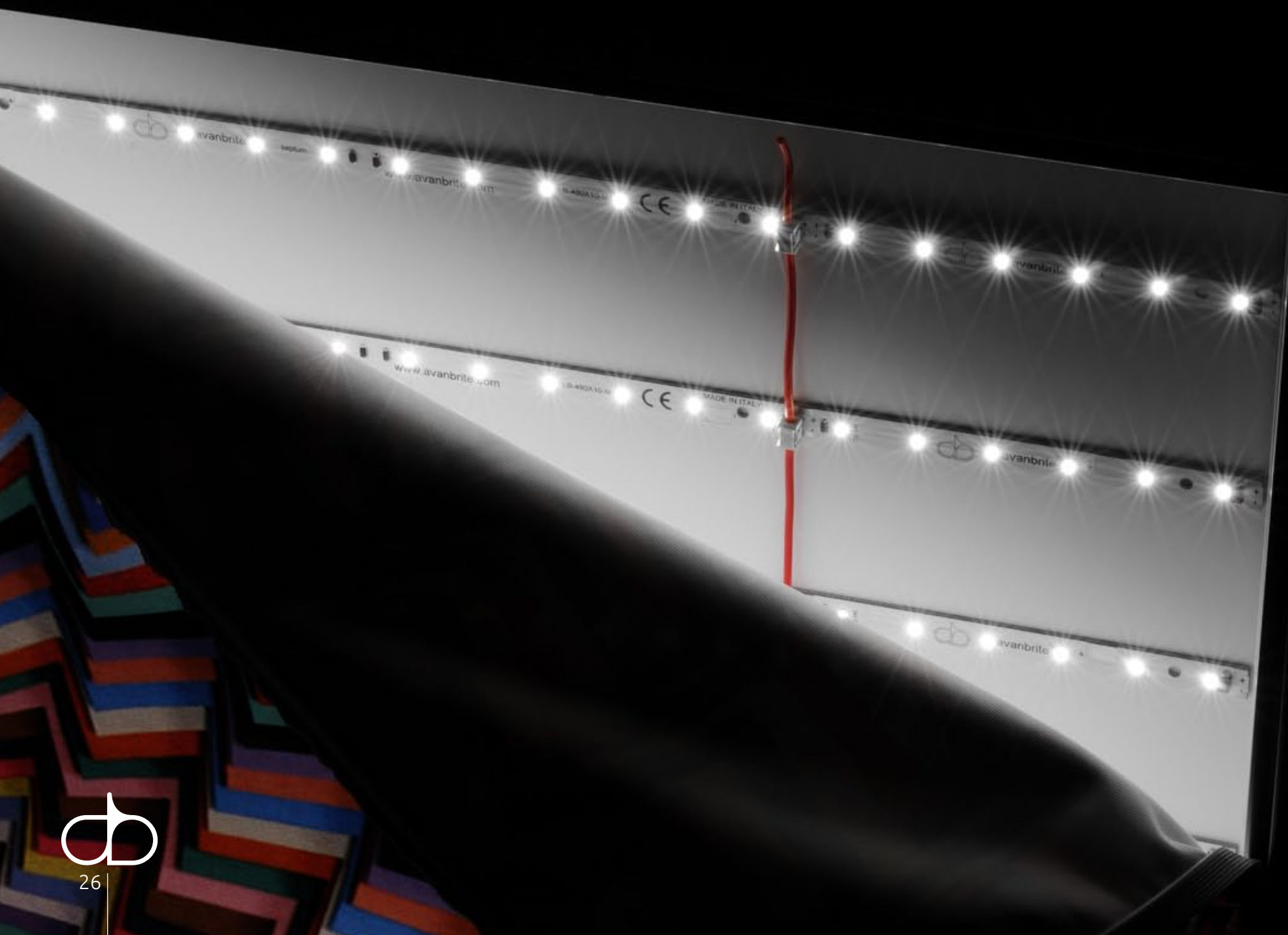
Your Own Message

We know how good visual communication is vital for a company who wants to spread its message to the world.

AvanBrite Velarium is the perfect tool for the design of visual interior advertising in public places such as airports, museums, shopping centers and other gathering places.

The innovative LED Curtain technology allows light box customization with reduced costs and weights compared to standard solutions.

Velarium™ Modular LED Curtain



The Velarium LED Curtain is a backlighting module consisting of a set of rigid LED bars connected to two electrical wires, which provide power as well as structural support. The set of bars is typically covered by a printed fabric or other material, evenly diffusing the light.

Velarium is perfect for billboards or any other object that can be backlit.

Velarium can be easily built around a specific application and tailored to meet the client's size requirements.

Velarium is the perfect choice for hanging surfaces or wall mounted installations, and allows to cut both weights and costs compared to a standard, LED-panel-based solution.

Velarium applications can be single or double sided, and are perfect for the backlighting of curved surfaces. These characteristics make Velarium the best solution for architects and designers seeking new ideas for eye-catching lighting creations.



The LED Technology

AvanBrite backlighting products are based on LED technology, which ensures high efficiency and low energy consumption.

Top-grade LEDs, coming from the best manufacturers, result in quality without compromises—average lifespan longer than 50,000 hours, reliability over time, and emitted light with Color Rendering Index (CRI) greater than 80.



Certified Products

Lumio and Velarium series products are CE certified and comply with the European directives on electrical safety.

The AC adapters are both CE and UL certified for the US market.





No Hazardous Materials

AvanBrite products do not employ hazardous materials or substances, and are 100% safe both for the health and for the environment.

The polymethylmethacrylates (PMMA) used are non-toxic, top-quality and come from German suppliers. The powder coating of the aluminium panels is scratch-resistant and durable.



The Company and the People

Companies are based on people. When the ideas, attitudes and passions of people believing in the same goal meet, companies like AvanBrite are born.

We believe in technology and technological innovation, and we design and build our products entirely in Italy.

AvanBrite is a high-tech company specialized in the design and manufacture of high-quality, energy-saving LED lighting systems.

Thanks to our expertise both in the lighting and in the applied embedded electronics industry, we are able to provide innovative and unique systems and solutions, including custom-tailored applications.

We work together with architects, lighting designers, interior designers, graphic designers, installers and resellers.

We guarantee excellent technical support, word-wide assistance, quality, and delivery times.





In the right light, at the right
time, everything is extraordinary.

Aaron Rose



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All specifications are subject to change without notice.