



LumosantiTM

Lighting Solutions

by Baganti

2025



Lumosanti™ Lighting Solutions:

Harmonizing Design and Performance

By BAGANTI

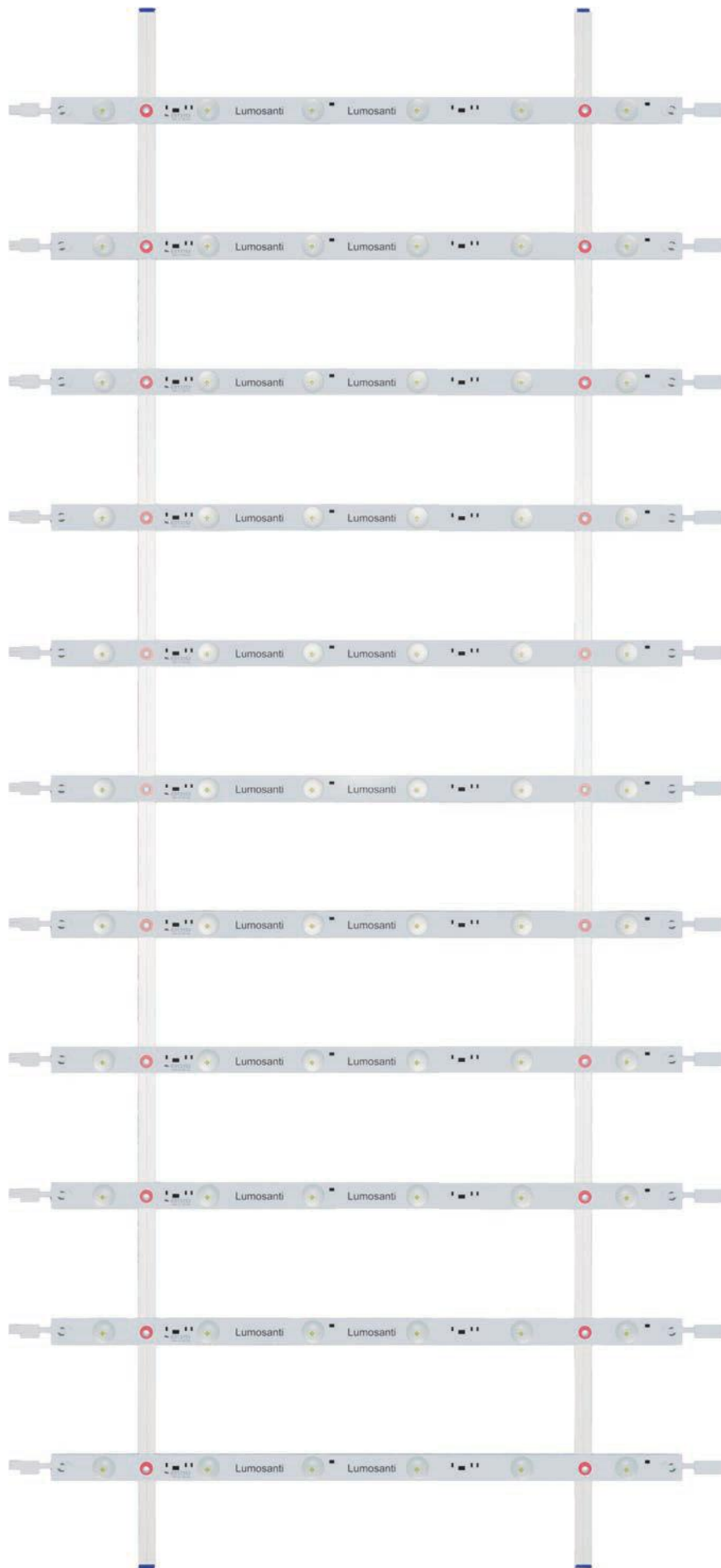
Lumosanti™, brings light to life with cutting-edge lighting solutions that redefine modern interiors. Our extensive product line, including lighting solutions with various static CCT's, Dual White, RGB and RGBW, innovate architectural lighting systems, offering the perfect blend of form and function. Designed with precision and built for versatility, Lumosanti™ lighting solutions products transform spaces, whether in architectural, retail, corporate, or healthcare settings—by delivering uniform illumination, customizable lighting options, and energy efficiency. Explore how our innovative LED options can elevate any environment, creating visually stunning spaces that captivate and inspire.



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At **Baganti™**, we understand that backlighting illumination is crucial in setting the right tone for any environment. Our range of **Lumosanti™ CCT options** allows you to tailor the lighting to suit specific spaces and activities, ensuring the perfect ambience and functionality.

Here's how our CCT options can transform your space:

2700K:

This **ultra-warm illumination** creates a soft, amber glow **reminiscent of candlelight**. Ideal for spaces where you want to evoke feelings of comfort and relaxation, such as lounges, restaurants, or residential areas, this CCT setting offers a cozy, intimate atmosphere.

3000K:

Offering a **warm white illumination** that balances comfort with brightness, 3000K is perfect for living spaces, hotel lobbies, and dining areas. This tone creates a **welcoming ambience** while providing ample light for daily activities and tasks.

3500K:

For those looking for the ideal balance between **warmth and functionality**, 3500K delivers a glow perfect for setting a relaxed yet vibrant atmosphere.

4000K:

With its **neutral white illumination**, 4000K enhances clarity and focus, making it ideal for spaces where concentration is key, such as workspaces, conference rooms, and classrooms. This versatile option **boosts productivity** while maintaining a clean, modern look.

5000K:

Bright and cool, 5000K is optimal for **commercial settings** like showrooms, hospitals, and retail environments where clarity and precision are essential. The crisp light enhances alertness and makes products and displays stand out vividly, ensuring a sharp and energetic atmosphere.

5700K:

With a daylight-like intensity, 5700K provides bright and cool illumination. Perfect for industrial environments, laboratories, and other high-demand settings, this CCT ensures maximum visibility and a sharp, **vibrant appearance**, making it ideal for areas that require precision and attention to detail.

No matter the space, our **Lumosanti™ CCT options** allow you to customize your illumination to enhance form and function, ensuring that the mood and performance meet your specific needs.



A stunning stained-glass window in a historic gallery, backlit by Lumosanti™, creates a breathtaking centerpiece. The vibrant colors and intricate details, along with the interplay of light and shadow, heighten the dramatic effect, adding timeless elegance and inspiring awe in visitors.



The sophisticated storefront of TimeVallée by Birks captivates with its modern elegance and striking facade. Featuring intricate lighting and Lumosanti™ backlit SEG displays, the design exudes exclusivity and craftsmanship. Warm tones and sleek materials invite customers to explore high-end timepieces and fine jewelry in a refined, premium shopping environment.



A sophisticated restaurant interior showcases a large, illuminated artwork as its focal point, creating a captivating atmosphere. Warm lighting, natural elements, and Lumosanti™ solutions enhance the inviting ambiance, making it a memorable dining destination.



A sleek, modern Lumosanti™ LED backlit display captures attention with vibrant, high-definition graphics. Ideal for trade shows and events, it ensures even lighting and clarity, making it a powerful tool for engaging audiences and enhancing brand visibility. Its professional, versatile design helps businesses stand out in crowded spaces.



A Lumosanti™ backlit curved display offers an immersive experience with vibrant, high-resolution graphics and smooth curves. Its bright, even illumination makes it a standout centerpiece for trade shows and events, combining modern design with energy-efficient LED lighting to leave a lasting impression.



A modern storefront with large, Lumosanti™ backlit illuminated windows and clean, minimalist design creates a striking visual impact. Bright, even illumination invites potential customers to explore the store.



DUAL
WHITE

2700K
5700K

Our **Dual White** backlighting system delivers unparalleled flexibility in illumination design by seamlessly combining **2700K** and **5700K** color temperature chips. This unique blend offers a wide spectrum of lighting options, from warm and inviting to cool and focused. The 2700K chips create a cozy, amber glow, ideal for relaxation and ambiance, while the 5700K chips provide a bright, natural light, perfect for tasks requiring concentration.

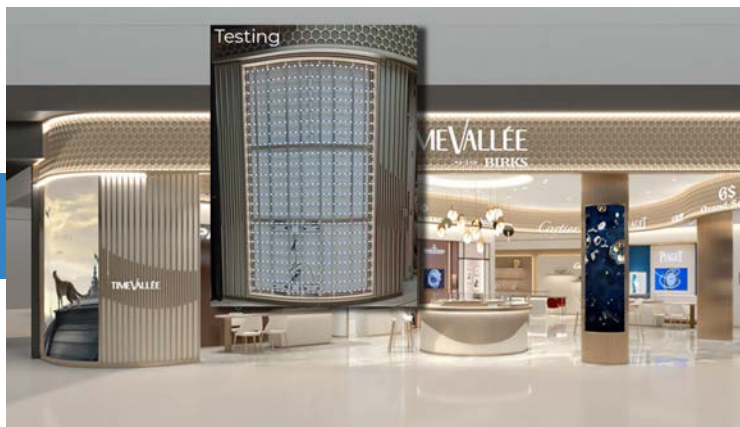
By effortlessly **adjusting the balance** between these two backlighting color temperatures, users can tailor the lighting to suit any mood or activity. Whether you're unwinding after a long day or tackling a challenging project, our **Dual White system** provides the perfect lighting solution.

This adaptable lighting technology is equally valuable in residential, commercial, and hospitality settings. In homes, it creates comfortable and inviting living spaces. For retailers, it enhances product displays by showcasing merchandise in the most flattering light. In hospitality environments, adjustable lighting contributes to a welcoming and engaging atmosphere, enhancing the overall customer experience.

The WW system's ability to personalize lighting illumination ensures that it meets the unique needs of each space, providing an ideal combination of aesthetics and functionality.



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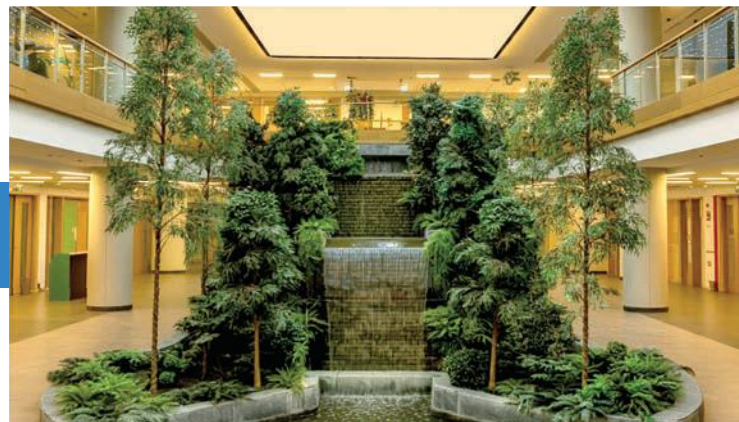
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A luxurious and inviting lounge, featuring a warm and inviting atmosphere. The intricate Lumosanti backlit ceiling design, combined with the rich wood paneling and plush leather seating, creates a luxurious and relaxing ambiance. The display cases filled with cigars and spirits add to the sophisticated feel of the space. This lounge is an ideal destination for those seeking a refined and upscale environment to unwind and socialize.



The timeless beauty of natural marble. The intricate patterns and rich hues of the stone create a captivating focal point in any interior. The Lumosanti™ lighting solution backlighting the marble adds a touch of luxury and sophistication to any space. The interplay of light and shadow enhances the natural depth and texture of the marble, creating a truly breathtaking visual experience.



This inviting and verdant atrium features a stunning indoor waterfall surrounded by lush greenery, creating a serene and calming atmosphere. The towering trees and cascading water add a touch of nature to the space, while the warm Lumosanti™ illumination enhances the overall ambiance. The open layout and abundance of light make this atrium a welcoming and inviting space for visitors and employees alike.

WBR



RGBW Illumination: A Kaleidoscope of Color

RGBW illumination is a revolutionary technology that has transformed the way we interact with and perceive illumination. By combining red, green, blue, and pure white LEDs, it creates a vast spectrum of over **16 million color possibilities and pure white**. This unparalleled flexibility is achieved by precisely controlling the intensity of each individual color, allowing for seamless blending and shading.

In architectural projects, it is used to illuminate stunning, eye-catching backlighting, enhancing their aesthetic appeal and creating a lasting impression.

Beyond its aesthetic appeal, RGBW illumination also has a profound impact on our emotions and well-being. Different colors can evoke specific feelings and moods and with the pure white to enhance productivity. By strategically using RGBW backlighting illumination, designers can create environments that promote **relaxation, concentration, or inspiration**.

RGBW illumination is more than just an illuminating technology; it's a powerful tool for transforming spaces and enhancing our experiences. With its vast color palette and pure white, precise control, and versatility, it has become an essential element in modern design.



This modern bar features the Lumosanti™ RGB backlighting system, which is set to an alluring blend of pink and purple hues that creates a captivating ambience. The dynamic RGB backlit design transforms the space, allowing for customizable lighting effects that shift seamlessly between colours to match the energy and atmosphere of the night. The interplay of colours enhances the visual appeal, making it a standout focal point that elevates the nightlife experience.



Stunning RGB backlit ceiling panels that hover above a lively dance floor. The advanced Lumosanti™ RGB system allows lighting experts to program endless colour combinations, adapting to the changing mood. The backlit ceiling panels not only enhances the visual energy of the room but also draws attention upward, creating an immersive experience that bathes the dance floor in dynamic, colourful illumination. Perfect for nightclubs, event venues, or high-end entertainment spaces.



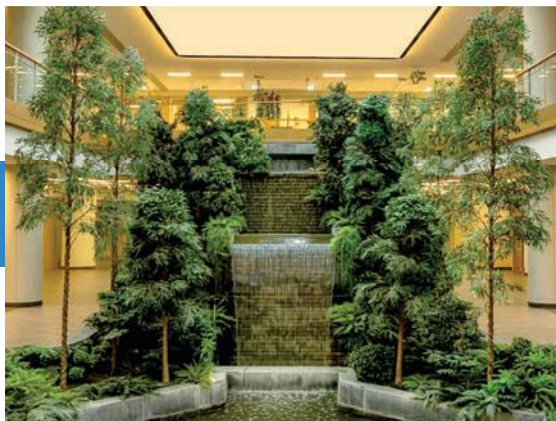
A motorcycle showroom features a sleek and modern ceiling panel design, backlit by Lumosanti™ RGBW backlit system illuminating the details of each bike. The clean, white walls provide a neutral backdrop for the vibrant colours and chrome accents of the motorcycles on display. The overall atmosphere is exciting and inviting, perfect for motorcycle enthusiasts to explore and admire the latest models.



The Lumosanti™ RGB backlighting for ceiling panels offers a range of therapeutic benefits. The soft, indirect glow minimizes harsh shadows and glare, contributing to a welcoming environment that feels less clinical while meeting strict standards for healthcare settings. This versatile illumination aids staff by providing ambient light that can be dimmed or adjusted to support evening and overnight care without disturbing rest.



The ceiling panel is designed with advanced dimming and color-adjustment capabilities, giving designers and event planners the ability to transform the atmosphere at a moment's notice. The lighting can range from a gentle, inviting warmth to a vibrant, celebratory palette, making the space both versatile and visually engaging. This RGB backlit ceiling doesn't just illuminate; it becomes a key design element that elevates the room's aesthetic and provides a memorable experience for guests, making it an ideal solution for high-end venues that prioritize both style and adaptability.



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