

XICATO



Scottish National Portrait Gallery
Lighting design by Foto-ma
Photography © Andrew Lee
Luminares by Mike Stoane Lighting

A New Era for Light and Lighting

The global lighting market is undergoing a major change not seen since the invention of the incandescent lamp. Light emitting diode (LED) technology has evolved, making significant improvements that has resulted in adoption in both commercial and residential environments. The lighting world is now transitioning from a comfortable understanding of how light sources behave and a well-established infrastructure to a technology that promises to empower our control of light and live more sustainably without sacrificing expectations for quality light. We are demanding more from our lighting: a better lit experience and high quality light that enables us to see and experience our world at its best with all the color texture and richness our eyes can absorb.



*Nakano Central Park South
Lighting design by Uchihara Creative Lighting Design Inc.
Architectural Design by Kajima Design
Luminaires by Yamagiwa*

Architecting the Aesthetics of Light

Xicato is changing the way the world looks at light and enabling everyone to experience it. We believe that with better light, shoppers will buy more, diners will order more and guests will be happier with their experiences. In turn, for owners, operators and managers of environments, better lighting will contribute to higher sales, margins and brand perception. The true value of Xicato light lies in delivering on the aesthetic and economic potential of LEDs: the quality of light, its efficacy and ownership cost for retail stores, hotels, restaurants and bars, architectural environments and more.



Quality Light

With the right light, a positive and emotional atmosphere is established as soon as one enters the space and people tend to linger longer, look at more merchandise or order another drink. Good lighting can be transforming, which is precisely why it can lead to increased revenue for retailers, restaurateurs, event planners, gallery owners and corporate teams alike.

While most of the lighting industry has focused on improving the efficacy of lighting, Xicato's focus from the start has been to create quality light and realize the efficiency gains that come almost naturally with LED technology. Xicato is the originator of this growing industry-wide de-facto standard where quality of light is the prime characteristic that determines the value of the product. Xicato's quality approach to lighting changes the lighting decision dynamic.



Our Light, Your Preference

Xicato has created a portfolio of light that enables lighting designers, interior designers and others to achieve the desired emotional impact for their environments. It's all about preference.

STANDARD SERIES light provides a smooth spectrum of light, right on the blackbody curve that allows it to feel natural and to make colors look right to the viewer. Together, the quality of light, consistency, efficiency and longevity make Standard Series light superior to the light from ceramic metal halide and fluorescent lamps.

The **ARTIST SERIES** further smooths the light spectrum coming even closer to replicating natural light. Including additional phosphors increases the fidelity and gives Artist Series light an even richer feel. Colors are a bit brighter, particularly reds which benefit from the extended spectrum. As a result, the Artist Series is superior to halogen lamps for color, feel and consistency of appearance.

The **VIBRANT SERIES** brings out vivid, saturated colors and the details of texture for compelling and eye-catching visuals. Xicato's color scientists have engineered and tuned Vibrant Series light so that its spectrum enables people to see more saturated and vivid colors that research has shown they often prefer. Blues, reds, whites and textures are more brilliant and detailed than under any LED light source.

All three forms of light are incorporated into our module portfolio so that the lighting community can bring the right light — the perfect light — to every project.



Quality Light That Lasts – Color Warranty

Combining technology with innovation, our team designs and builds advanced modules capable of producing better light than that from a halogen lamp. It's backed by a unique 5-Year Color Consistency and Lumen Maintenance Warranty. In fact, we're the only light source provider to guarantee color performance over time, having established the industry benchmark for initial color.

The reliability of Xicato with respect to color, consistency and lifetime stem directly from our patented Corrected Cold Phosphor Technology. This unique approach enables Xicato to both "tune" the system for unparalleled consistency and to keep the phosphor cool ensuring the color and lumen maintenance and extended lifetimes.

Our ongoing commitment to R&D, our investment in advanced technology and our unique approach enables Xicato and its partners to provide both quality and efficiency, so you'll never have to sacrifice quality light for efficacy.



Our Modules

Xicato pioneered the “module” form factor for LED-based lighting applications. Previously, lighting fixture manufacturers that wanted to use LEDs in a luminaire purchased discrete LEDs and packaged them into a light source. To do so, required engineering resources as well as the overhead needed to mix and match LEDs that varied considerably in performance from one manufacturer to another and from one batch of LEDs to another. A “module” approach was developed based on the ability to “tune” the performance of the LEDs used in any given module during the manufacturing process to provide a consistent high quality light engine that can be easily fitted to a luminaire by adding a heat sink, driver electronics and reflector. The form factor of the modules remains consistent between generations and regardless of lumen output, correlated color temperature or type of light. This allows manufacturers to create a portfolio of solutions and to extend the portfolio over time and, as LED technology improves, without having to undertake costly re-engineering of the optics or thermal management.



About Xicato

Privately held, the San Jose, California-based company was founded in 2007 by lighting industry veterans who envisioned an innovative way to quickly and easily implement an entirely new aesthetic standard for LED lighting in professional settings.

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A leading developer of superior light quality from LED modules, Xicato's innovations produced the LED module category. Xicato's LED modules are simple yet elegant, featuring a form, fit and function that make them virtually future-proof and easy to integrate into a family of luminaires. Delivering accurate color and efficient light enables the spaces in which they're installed to look as good years from now as the day they're first illuminated.

More than one million Xicato modules have been installed in just over five years. The pioneering company stands behind its products with superior customer service, the industry's first color consistency warranty and an unmatched commitment to providing light that makes the world a better place.

Xicato is changing the way the world looks at and experiences light and enabling everyone to experience it the way they prefer. We're a team that believes people in any environment will be more comfortable, stay longer, and will choose to be in those spaces that have better light. This leads to brand preference and improved business results that support the choice for better lighting. Xicato is based in San Jose California with team members and operations around the globe. We design light that designers and end-user want and package the light in modules that allow luminaire manufacturers to quickly and easily create lighting solutions.

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