

The Artist Series

More often than not, there continues to be an almost universal preference for more natural lighting. In restaurants, it provides a more comfortable feel, with dimmable lighting to best suit the time of day. In retail, it brings out the natural textures and bright colors in products. In museums and art galleries, natural lighting provides a familiar experience while preserving delicate artifacts.

Xicato's Artist Series of LED modules give luminaire manufacturers and lighting designers access to light sources that are both highly efficient and natural looking with no compromises with typical 98 CRI and R9 > 90.



Aesthetics and Efficiency

The Artist Series by Xicato is proof that an LED source designed with the singular objective of producing natural lighting that realizes the promise of LED lighting: that high-efficiency lighting can be every bit as good as the halogen lighting it replaces. The Artist Series proves that energy savings, decreased maintenance costs, and natural light can all be combined and delivered in a cost-effective manner. Taken as a whole, Xicato's Artist Series can fairly be described as far more superior lighting than the halogen sources it replaces and the maximum lumen per dollar LEDs that Xicato light sources that quite literally pale in comparison.

Delivering Natural Lighting

Xicato provides tightly controlled CCT and CRT and delivers stable color output over the full lifetime of the module through Corrected Cold Phosphor Technology®, which separates the heat-generating components and carefully matches the wide-spectrum remote phosphor to the exact wavelength of the LED emitter.

Years ago, the initial requirements of more energy efficient lighting included little concern for how natural that light might appear, so it makes sense to change a few paradigms when evaluating higher-efficiency lighting for the future. While CRI was established as a color rendering metric that could adequately describe the ability of a lamp or luminaire to reproduce colors accurately, the fact that the scale had a finite series of steps allowed light sources to be tuned to the test.

Rather than presenting a broad, natural spectrum, many manufacturers concentrated their efforts on the test points, producing unnatural lighting as a result. While CCT and CRI can be of descriptive help for some objective data points in evaluating a light source, the more subjective portions are often left undescribed. Quality of light does not have to be sacrificed. When it comes to delivering natural lighting, Xicato's Artist Series has finally enabled LED lighting to live up to its promise of a better, naturally lit, energy-efficient future.

Improved Fidelity with a Richer Feel

Xicato's Artist Series provides natural light with improved visual fidelity and a richer feel. Colors are brighter, particularly reds, and this contributes to making the Artist Series superior to halogen lamps for color, feel and consistency of appearance, enabling lighting designers, interior designers and others to choose the type of light that's preferred for each application or presentation.

