

Xicato Introduces New Artist Module and Increases Efficacy

-Expanded Range Includes New 1000 Lumen Module -700 Series Efficacy Increases 45%

The XSM Artist Series, incorporating Xicato's patented Corrected Cold Phosphor Technology™, has expanded to include a new 1000 lumen module. The new addition to Xicato's popular Artist Series maintains Xicato's "light quality without compromise" performance, with color quality on par with halogen and color point consistency within 1 x 2 MacAdam ellipses initial, and over time.

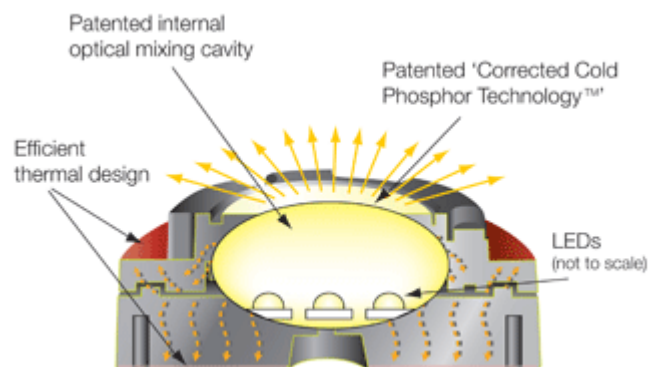
The Artist Series is ideal for applications where quality of light is paramount including galleries, museums, retail and residential. At 1000 lumens, lighting professionals now have a solution for higher ceiling heights or to create stronger accents. Projects worldwide that incorporate Xicato's Artist include The Victoria and Albert Museum in London, The MoMa in San Francisco, "Aplace" in Stockholm, Harrods in London, the Athenaeum Hotel in London and many private residences.

The XSM Artist 1000 is rated at 22.1W (700mA), yielding an efficacy of 45 lumens/watt. The XSM95XX-1000-B family of products is available in 2700K, 3000K, and 4000K.

As the series has expanded to 1000 lumens, so have efficacies. Xicato's Artist Series 700lm module efficacy has increased 45% to 48 lm/w.

Through Xicato's unique patented "future-proof" design, the new 700 lumen Artist Series module is optically, mechanically and thermally backward compatible with the previous version. This means for end-users if replacements do have to be made e.g. due to a change in desired CCT, a fully compatible, light-technically identical replacement will always be available. No other module technology can make a similar claim.

Full information is available on <http://www.xicato.com/products.php>



The Xicato Spot Module and a cut-away view

Ra = 97 typical, 95 min. Data for 3000K, 2700K and 4000K are similar

	Ra	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
Standard XSM	81	80	85	89	81	78	80	86	66	16	64	79	58	81	93	75
Artist Series XSM	98	98	99	98	98	98	97	98	98	96	99	98	88	98	98	98
Typical IR coated Halogen Dichroic	98	98	99	99	99	98	98	99	97	92	97	98	97	98	99	97
Typical Compact Metal Halide	82	90	94	69	82	81	81	87	71	27	59	62	55	93	78	88
Typical Compact Fluorescent	87	91	93	86	91	89	90	88	70	17	76	91	81	93	92	81

Independent measurements by University College, London

Typically the CRI is only evaluated for the first 8 pastel colored reference samples of the CRI system. The Artist Series has also been optimized to get excellent results for the more saturated (see R9) and skin color (see R15) samples of the CRI reference set. This performance not only outperforms other LED solutions but also traditional lamp types like compact fluorescent and compact metal halide.

Application Photographs



Top left: Museum - Arbeia Roman Fort, Tyne and Wear - High Technology Lighting, UK
 Top middle: Retail - Harrods Wine Tasting Suite, London - Mike Stoane Lighting, UK
 Top right: Hotel - The Athenaeum, London - Projection Lighting, UK
 Bottom left: Gallery - Christian Leduc's Vernissage, Montreal - Lighting Services Inc. US
 Bottom right: Executive Office, Texas - Lucifer Lighting Company, US

Xicato

Xicato is a Solid State Lighting company founded by seasoned industry professionals with offices located in Silicon Valley, California (HQ), London and Tokyo.

Xicato develops, manufactures and globally markets LED modules that simply are functional replacements for traditional lamp technologies, offering all the life and energy-saving advantages of LEDs with no aesthetic compromises. Xicato provides industry-leading specifications via an open approach with a global circle of leading end-users, specifiers and luminaire manufacturers. Xicato is committed to address the whole broad sphere of the general illumination world, taking on segment by segment with its focus on continuous innovation.

Xicato believes that lighting plays a valuable role in the creation of places for people. We highly recommend the use of a qualified lighting designer from one of the following organizations:

PLDA Professional Lighting Designers Association - www.pld-a.org
IALD International Association of Lighting Designers - www.iald.org

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The Lighting Industry Federation



Equal LED Module from Xicato



The Illuminating Engineering
Institute of Japan

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