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Contact: Emily Dell
Stern + Associates
908.276.4344 ext. 210
emily@sternassociates.com

USAI[®] PROVES SIZE MATTERS WITH NANOLUMEN[™]
First-of-its-Kind Lighting Solution is Small in Size, Big on Performance

NEW WINDSOR, NY., March 18, 2010 – From cell phones to computers and personal music players, advances in today’s technology continue to get smarter – and smaller. Proving the same can be said for innovations in lighting, leading manufacturer [USAI[®]](#) introduces [NanoLumen[™]](#), a sophisticated recessed fixture that marries impressive optics and performance features with the smallest aperture on the market for metal halide lamp sources. Designed around a T-4 ceramic metal halide lamp source, NanoLumen’s barely-there aperture – just 2.5-inches – fuses seamlessly and discreetly with interiors’ ceiling planes, allowing for precise yet flexible point source lighting in any installation.

“When it comes to lighting design, size does matter,” said Bonnie Littman, president of USAI. “We are advancing the trend of miniaturization with NanoLumen, and providing our customers with the ability to achieve maximum light through a minimum aperture. NanoLumen is the complete package of beauty and brains, achieving a stunning 60 percent efficiency through an opening only 2.5-inches wide.”

HIGH-PERFORMING LIGHT JUST RIGHT

Exemplifying the phrase, “its whole is greater than the sum of its parts,” NanoLumen is the industry’s first metal halide lighting solution to house an extensive array of features under one compact roof and through such a small aperture. Providing exceptional illumination while making design changes and adjustments simple, some of the product’s features include:

- Hot aiming with true center-beam optics: for ease of adjustment and optimal performance;
- Aiming memory: patent pending vertical and horizontal feature allows 362-degree self-locking horizontal rotation and zero to 40-degree vertical adjustment without disturbing the set and locked lamp position;
- Interchangeable reflectors: twist-and-lock interchangeable reflector system assures flexibility while maintaining design consistency.

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Additionally, NanoLumen's captive lamp assembly rotates to provide easy access for relamping without separating components. And through USAI's hallmark plug-and-play trim assemblies, NanoLumen's high-performance fixtures can easily transition between downlight, adjustable and wall wash functions. Its four interchangeable reflectors, ranging from 10 to 60 degrees, afford users the flexibility to adjust the lighting based on task or application. NanoLumen answers the needs of designers and maintenance teams with one lamp offering pin spot, accent light or wide floor area lighting with no mistakes in relamping.

With the ability to replace an inefficient incandescent point source and even large aperture compact florescent fixtures, NanoLumen brings sophistication to sustainability. Proving "less is more," the NanoLumen product line is also available for metal halide, MR-16, and low-voltage halogen MR-16 lamps with round, square, trimmed and barely there trimless options.

USAI's NanoLumen products meet the industry's most stringent standards for energy efficiency providing new options for designers to meet LEED® certification criteria and energy codes requiring ASHRAE 90.1-2001 standards or later.

A lighting industry leader, [USAI](#)® (USA Illumination) is helping to shine an entirely new light on the way commercial and residential properties address lighting design solutions. Driven by its IllumiVation® philosophy, USAI's versatile yet robust selection of products fuse together brains and beauty, providing fresh and energy-saving solutions for general illumination and accent lighting. From compact fluorescents and metal halides to its new generation of LED solid state lighting technology, all USAI products maintain the smallest physical and carbon footprint possible while meeting the strictest standards for innovation and design to ensure seamless specification, simple installation and easy ongoing maintenance. For additional information about USAI and its high-performance offerings, visit www.usaillumination.com or call 845-565-8500. Connect with USAI on [Facebook](#) and [Twitter](#).

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