



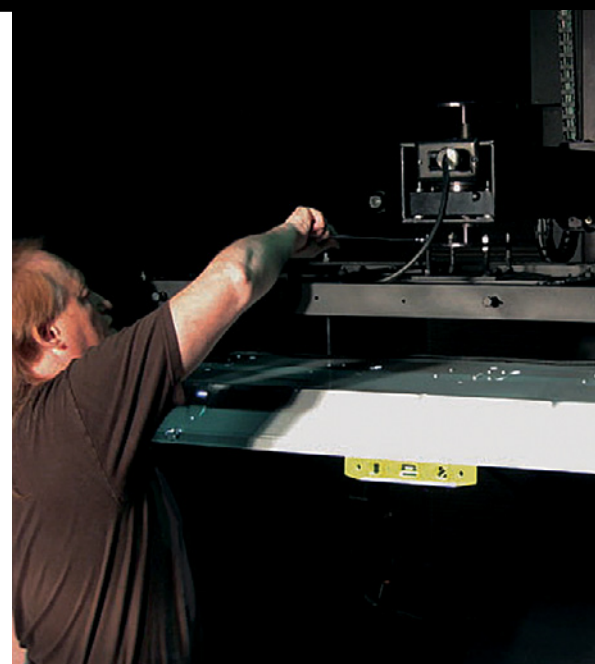
LUMEN INSIGHTS™

March/April 2011

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UL Acquires Lighting Sciences, Inc.

By Matthew Sallee/Global SSL Business Manager

UL is proactively developing light testing capabilities to meet the ever-growing demand for independent photometric testing services in the lighting industry. LSI will become part of UL's Verification Services business, which provides performance testing, inspection and auditing for product manufacturers and retailers worldwide.

"This acquisition allows us to further extend our global safety mission and

better serve companies in the rapidly expanding Solid State Lighting markets" said Keith Williams, President and CEO of UL. "The lighting industry is undergoing a technology transformation. Global regulators are placing a much greater focus on the need to develop safe and energy efficient lighting products like LED. Combining the technical expertise and market positions of UL and LSI will allow the lighting industry to come to a single

organization for testing and certification of their products to the applicable safety and energy efficiency standards."

UL is proactively developing its capabilities in photometric testing to be prepared for and drive the transformational shift to SSL (LED) technologies. LSI will help position UL as the leader in this growing market by increasing UL's photometric testing capacity on the West Coast.

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A Letter from Alberto



It's been a busy start of the year, and I'm pleased to share some good news with you.

UL continues to invest in Energy Efficiency testing for LED and Solid State Lighting

products with our recent acquisition of Lighting Sciences, Inc. We believe that their industry-leading expertise in photometric testing and manufacturing of test equipment will help deliver quality work in a timely manner for you.

I'm also pleased to extend two new programs for in-house testing to you. These programs can lower your time-to-market, and give you the flexibility and control you need in your safety and energy efficiency work.

Finally, I'd like to personally welcome you to attend the UL Brand Protection Summit in June 2011. UL is well aware of the detrimental effects IP Crime has on a company's reputation and is organizing this event to serve as a catalyst to strengthen and enhance brand protection programs, provide best practices for combating IP Crime and to strengthen global partnerships against this growing threat.

We hope you can join us for these exciting programs, as we work together in the Lighting space.

Kind Regards,

*Alberto Uggetti
VP and GM Global Lighting*

Need a Type-C Goniophotometer in your lab?

UL can now provide your lab industry-leading LSI Type C Goniophotometers and software today.

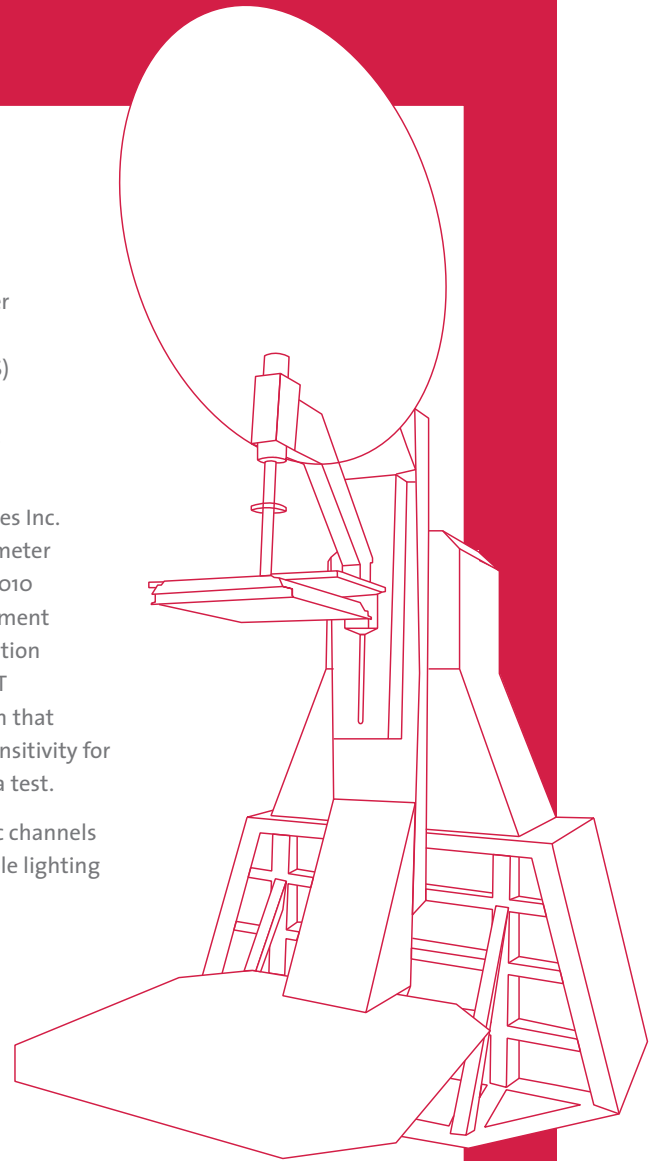
UL is very pleased to announce that its LSI Series 6400T goniophotometer has been recognized by the Illuminating Engineering Society (IES) Progress Report Committee as "a unique and significant advancement to the art and science of lighting."

The IES has informed Lighting Sciences Inc. that the Moving Mirror Goniophotometer Series 6400T has been selected for 2010 as a significant engineering advancement for the lighting industry. This recognition is primarily because the Series 6400T incorporates a triple amplifier system that automatically optimizes amplifier sensitivity for all different intensity ranges during a test.

The multiple amplifier and electronic channels developed for the Series 6400T enable lighting laboratories to run an entire indoor photometric test in three minutes, without manual intervention or concern for the accuracy of low-end intensity measurements. Data collection occurs at a rate of 18,000 readings per second, allowing the mirror to rotate at 4 rotations per minute (RPM) or faster throughout the entire test.

Improved data analysis software also has been developed for the instrumentation. The new software was written to facilitate the communication of Solid State Lighting (SSL) data.

Please contact matthew.sallee@us.ul.com to install photometric test equipment in your lab today.



Speed your Time to Market

Combine Safety and ENERGY STAR® in your own lab

By Todd Straka/Global Lighting Director

Available to all qualified clients, UL can provide you with two easy options to speed your time to market in Safety and ENERGY STAR®.

Client Test Data Program

Equivalent to the EPA's SMTL program, test data is completed in-house and submitted to your CB for compliance to energy efficiency regulations.

Witness Test Data Program

Equivalent to EPA's WMTL program, tests are conducted on-site under the supervision of UL personnel. Instruments need to be calibrated by an accredited calibration laboratory.

How to get started?

To begin, simply e-mail DAP@UL.com, with subject 'Lumen Insights: DAP Request'

EPA Announces Final ENERGY STAR® Luminares V1.0 specification

By Todd Straka/Global Lighting Director

On February 16, the U.S. Environmental Protection Agency (EPA) announced the release of the Final ENERGY STAR Luminares V1.0 specification. The Luminares V1.0 specification will replace the Residential Light Fixtures (RLF, V4.2) and Solid State Lighting Luminares (SSL, V1.3) specifications.

UL and the EPA share your desire for a smooth transition from one ENERGY STAR® specification version to the next, with the objective of meeting consumer expectations that ENERGY STAR® labeled products fully meet the latest requirements in effect upon their date of manufacture. With this in mind, the EPA has established the following timeline:

- Effective immediately, manufacturers may elect to have their CB certify their eligible products to the Luminares Version 1.0 requirements. In the coming weeks, the Agency will provide tolerance values to EPA-recognized testing laboratories and CBs to be considered when collecting

and reviewing test data. EPA will work closely with test laboratories and CBs to incorporate pending new solid state standards as they are finalized.

- After June 15, 2011, CBs will be instructed to stop certifying new product submittals to RLF V4.2 and SSL V1.3. Note, however, that models already qualified to RLF V4.2 and SSL V1.3 will maintain their qualification status until October 1, 2011.
- As of October 1, 2011 any luminaire shipped with an ENERGY STAR label must be certified to meet Luminares V1.0 requirements. All certifications of products to the RLF V4.2 and SSL V1.3 specifications will be invalid for purposes of ENERGY STAR qualification, and CBs will only submit to EPA product models certified to Luminares Version 1.0.

As an EPA recognized CB, UL IS READY FOR ENERGY STAR®. Request a quote at ul.com/lighting.

UL Global LED Roadshows

Spend a day with UL experts from around the globe learning about:

- Discover global trends in LED and Solid State Lighting
- Learn from industry experts how to maximize your revenue with Energy Efficiency and ENERGY STAR® program
- Get the latest information on UL's LED safety standards — UL8750
- Strategies on ways to streamline the UL submittal process and speed your time to market

Also, we are pleased to invite you to tour our newest photometric testing facility, NANSHA.

March 24 Nansha, China / 10:00 – 4:00

March 25 Nansha, China / 10:00 – 4:00

April 12 Melville, New York / 8:00 – 5:00

April 14 Northbrook, Illinois / 8:00 – 5:00

A limited number of spots are available, please sign up today at ul.com/LEDroadshow



Stay Tuned!

Webinar on LED Retrofit Kits coming soon!



UL Acquires Lighting Sciences, Inc. (continued from cover)

“This acquisition gives LSI the opportunity to be part of an organization with global reach, technical knowledge and brand reputation,” said Ian Lewin, President of LSI. “UL and LSI have a long-standing relationship providing complementary services to customers. This acquisition strengthens our value proposition to our customer base and allows us to expand offerings on a much broader scale.”

The addition of LSI enables UL to further expand its capacity and capabilities in

energy efficiency and ENERGY STAR® testing. Additionally, this acquisition provides UL with new ways to serve the global lighting marketplace through test equipment and advisory services.

About Lighting Sciences, Inc.

LSI is an innovative technology company offering photometric testing, illumination optics design, research and development, lighting test equipment and lighting

test software systems. Sophisticated test equipment enables LSI’s diverse client base to enjoy the fastest and most comprehensive independent testing services available. Whether its clients require equipment to build a lighting laboratory, or accurate independent testing services, LSI has earned a globally-recognized record of “Excellence in Photometrics.”

UL’s Data Acceptance Program (DAP) Updates

UL is continuously working to improve our processes and programs. We are pleased to announce several improvements to UL’s Data Acceptance Program (DAP). Based upon feedback received from DAP participants and industry representatives, we have made the following program enhancements:

- Introduction of an optional 3-year assessment cycle.
- Harmonization of DAP and Supervised Manufacturer’s Testing (SMT) programs.
- Technical assessments can now be conducted as part of product certification investigations.
- Direct to project and ‘no quote’ establishment of annual DAP assessment activities.

You should consider this program if :

- You want greater flexibility in planning on resource availability with reduced sample cost and preparation time.

- You’d like technical assessments to coincide with production sample availability and new work product submittals.
- You have a large technical scope that would otherwise take many consecutive days to audit.
- You have a fully implemented effective ISO/IEC 17025 quality system in place.
- You have many projects ongoing with a wide variety of tests from your scope that can be demonstrated during UL new work product investigation visits.
- Your internal resources are limited and a separate audit would take away from other work.
- The costs associated with additional new work visits would not generally be burdensome.

- There is a solid positive history on past project work.

As the 3-year assessment cycle is an “opt in” program, no action on your part is necessary if you wish to continue with the current process. You will be able to enter the program at any time in the future and normally executed during your annual assessment.

Should you wish to discuss your specific needs and eligibility, please send an inquiry to the DAP inbox at DAP@UL.COM. On the subject line, please indicate “Questions regarding the new DAP Program Enhancements”

Come See Us

UL Brand Protection Summit
US Grant hotel in San Diego June 14-17, 2011

The Summit will be held back-to-back with a one and a half day Regional Law Enforcement IP Crime Workshop that is

being hosted by UL in partnership with the National IPR Coordination Center. This Workshop will be open to law enforcement agencies, UL clients and other distinguished guests. For more information, please visit us [here](#).



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