



EYE LIGHTING INTERNATIONAL OF NORTH AMERICA, INC.

A SUBSIDIARY OF IWASAKI ELECTRIC CO., LTD.

FOR IMMEDIATE RELEASE

Contact:

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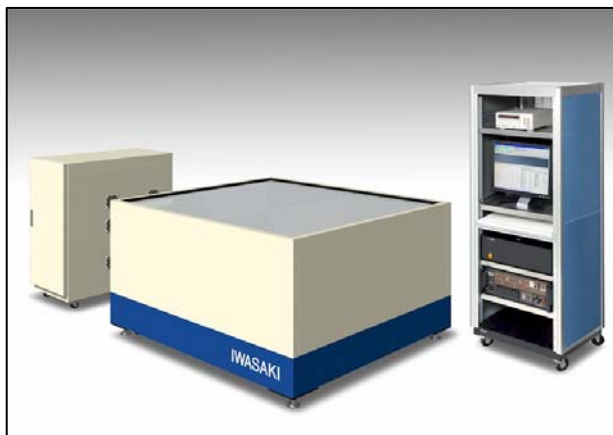
EYE LIGHTING INTERNATIONAL OF NORTH AMERICA, INC. INTRODUCES NEXT GENERATION PV MODULE LONG PULSE SIMULATION SYSTEMS

CLEVELAND (May 1, 2010) – EYE Lighting International of North America, a subsidiary of Iwasaki Electric Co. Ltd., has announced the introduction of its **Next Generation XLP** family of Long Pulse PV panel performance test systems.

Developed to meet evolving customer requirements, the systems are designed for testing both crystalline and thin-film PV modules. As more “thin-film” PV products are introduced, the requirement for high quality long pulse simulation systems will dramatically increase. The programmable pulse duration and acquisition delay overcome the inherent problem some thin-film PV materials experience when illuminated with short pulses.

EYE/Iwasaki, a leader in applied lighting technology, employed its 60 years of experience in developing the unique optical technology which is the heart of these ASTM/IEC Class AAA systems. The exceptional spectral concurrence to the IEC AM1.5 irradiance distribution standard guarantees accurate results regardless of PV module band-gap.

Outstanding system performance and flexibility allows stand-alone use in development labs, or integration with upstream/downstream systems in continuous manufacturing processes. Comprehensive MS-Windows based test software allows the PV performance data to be easily integrated with process system software.



A proprietary power system reduces total process cycle time to 10 seconds, **providing 50% greater production throughput over most existing systems**, for more productivity per line. Up to 1000 points can be acquired per pulse, depending upon the selected acquisition rate and pulse duration. The integrated high power bi-polar power supply provides the ability to test all types of thin-film PV modules along with the added advantage of performing dark I-V tests for diagnostics.

Three **XLP** systems are currently offered matching price, performance, and size to customer PV panel test requirements, and reducing critical floor space in production environments.

For more information, email us at sales@eyeappliedoptics.com, or visit our website at www.eyesolarlux.com.

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About EYE Lighting NA Applied Optics - Solar Simulation Group:

EYE Lighting NA Applied Optics Group is focused on Solar Simulation and climatic testing applications. In order to create a better global environment, great hopes are being placed on solar photovoltaic arrays (PV) as a future primary renewable energy source. EYE Lighting NA, and its parent company Iwasaki Electric, are proud that their solar simulation lighting systems are playing an active role in the basic research, product development, and manufacturing of new technology PV products. Solar simulation lighting has become indispensable for the efficient development and production of high performance, high quality PV products.

EYE Lighting / Iwasaki Electric designs and manufactures the lighting source (lamps) and proprietary filters in addition to solar simulation equipment. This integrated approach is unique in the marketplace. Any solar simulation system is only as good as the lighting source. EYE systems are designed from inception around the proper lighting source for the particular application, from PV cell development to production test equipment. EYE Lighting / Iwasaki develops and produces a complete range of lighting technology including metal halide, xenon, halogen, UV light sources, and optics equipment designed specifically for solar simulation applications.

About EYE Lighting:

EYE Lighting International of North America, located near Cleveland, Ohio, is a manufacturer and distributor of state-of-the-art High Intensity Discharge and Halogen lighting sources, lighting fixtures and light application system solutions.

EYE Lighting International of North America is a subsidiary of Iwasaki Electric Co. Ltd., a Tokyo based lighting technology company focused on designing and manufacturing lighting products and light-applied system solutions. From new commercial lighting products to UV water sterilization systems; our goal is to employ light technology to create a more comfortable society and sustainable environment.

The shared culture of Iwasaki Electric Company and EYE Lighting of North America represents a world class organization of lighting technology professionals committed to quality, new product development, and complete customer satisfaction. At Iwasaki, we are inspired by light, and the light we create tells our story.