



**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 FASTEST ACCELERATION UV WEATHERING / DURABILITY CHAMBER**

CLEVELAND (May 30, 2010) – EYE Lighting International of North America, a subsidiary of Iwasaki Electric Co. Ltd., has announced the introduction of its super acceleration UV durability/weathering system to the North American market.

UV and weather durability testing is a necessity for any product that must endure the harsh treatment of Mother Nature. UV rays are the greatest cause of product deterioration. With solar module useful life expectancies now reaching beyond 30 years, it is more critical than ever to fully test laminate materials and components to verify durability under extended outdoor exposure. The problem is that this testing has been very time consuming.

The SUV-W151 super acceleration UV chamber is one of the solutions from EYE Lighting. This system provides acceleration factors more than 10 times typical Xenon chambers. **With the capability to deliver more than 30 times natural sunlight UV energy, this system can simulate three (3) years of outdoor exposure in only nine (9) days of testing.**

Correlated acceleration factors greater than 100 times natural solar UV irradiation provide proven, efficient extended outdoor exposure evaluation testing.

Custom spectral filtering cuts UV irradiation below 295nm to replicate natural sunlight and an electronic feedback system ensures constant energy to target material.

The system includes a built in data-logger for data storage and simple transfer to common programs such as MS-Excel.

All weathering parameters and cycle functions are fully programmable including temperature, humidity, rainfall, UV power, rest (night time), and cycle/duration timing.

Regardless of your product, this system can dramatically reduce your testing time, improving your quality and profitability.

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



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ISO 14001:2004 Certified
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ISO 17025:2005 Accredited



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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.