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## **Lunera Lighting and AsteelFlash Group Prepare Facility for Production Ramp-up of LED Fixtures**

*Company Completes Process and Prepares “Made In the USA” Digital Lighting*

**Redwood City, Calif. (December 8, 2008)** – Lunera™ Lighting is a Silicon Valley company that designs, manufactures, and markets next-generation digital LED lighting, a technology that is transforming the lighting system, saving economic and environmental resources, and ushering an era of “Life in a New Light™”.

Lunera decided early in development that the company wanted its advanced LED fixtures to be made in the USA. This strategic decision helps to ensure quality and customer responsiveness while helping the company lower its own carbon footprint by eliminating international transportation costs for its fixtures. Lunera has selected AsteelFlash Group (AFG) in Fremont, CA to become its first contract manufacturer for its LED lighting products. In the lighting field, AFG has expertise in electrical and thermal design as well as manufacturing and integration of LED lights.

“We both recognize that reliability and cost are important product attributes. Our manufacturing experience, coupled with Lunera’s innovative designs, should prove to be a winning combination” said Harry Leung, Director of Business Development at AsteelFlash Group.

Lunera’s development has been done on the production line, implementing in conjunction with the first product off the line a rigorous manufacturing process utilizing proven quality control methods including incoming, in process SPC, and 100% final testing. Lunera also uses a thorough FMEA testing procedure making reliability a manufacturing cornerstone. Risk mapping is used for risk level analysis and assessment. Traceability is a vital aspect of manufacturing a product designed for 15-18 years of life. Lunera traces each component from ordering to when it leaves the finished goods warehouse. These comprehensive production control systems enable fast and effective tracking for any conceivable issue.

“We believe our fixture-based solutions will be best-in-class as we characterize each fixture in order to carefully ensure color consistency, light output, and illumination throughout the customer’s facility.” said Bob Gardner, Lunera Vice President of Manufacturing and Engineering.

Using strict manufacturing processes, Lunera has created energy efficient lighting that uses 25%-50% less energy compared to common fluorescent lighting. It features a five times longer life than fluorescent lighting and emits less radiated heat, reducing a building’s HVAC cooling costs. The dimmable LED lights offer optimal light color for any general commercial lighting environment

Designed to provide a better quality of light, Lunera's LED luminaires feature a greater projection area that reduces the overall number of fixtures required in new and retrofit construction. The softer, quality light minimizes shadows and hot spots which can often result in fatigue, eyestrain and headaches.

The company's commitment to cleaner technology is exemplified in producing RoHS compliant, fully recyclable LED lighting compared to the harmful mercury and lead found in all florescent lamps.

### **About Lunera Lighting**

Lunera Lighting is a technology innovator leading the transformation of lighting from traditional fluorescent lighting to energy-efficient LEDs that produce soft, uniform light. It designs, manufactures, and markets high-performance LED lighting fixtures as a direct replacement for fluorescent fixtures commonly found in commercial buildings. The company has created new lighting solutions that improve the quality of light for building occupants, lower energy and operating costs for building owners, and support sustainable building design.

Made in the USA, Lunera's products adhere to clean manufacturing standards and are particularly attractive to clients seeking LEED certification, since LED lighting substantially impacts LEED points in "green" buildings. The company is a firm believer in social responsibility and has made it part of their corporate philosophy.

Parties interested in Lunera Lighting fixtures can contact Lunera at 650-241-3875 or by email at [inquiries@lunera.com](mailto:inquiries@lunera.com). A Lunera lighting consultant is available to answer questions, provide information, and create a free space evaluation to determine payback. Visit <http://www.lunera.com> for more information.

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