



NASA and Lighting Science Sign Agreement to Develop Lighting for Space Exploration

Lighting Science - NASA LED Luminaire to Offer High Illumination and Good Color Rendering

SATELLITE BEACH, Fla., Nov 19, 2009 /PRNewswire-FirstCall via COMTEX News Network/ -- Lighting Science Group Corporation (LSG) (Pink Sheets: LSCG) a global leader in LED (light emitting diodes) lighting products and the NASA John F. Kennedy Space Center have signed a two year agreement today to jointly develop a high illumination and good color rendering LED light fixture for space exploration.

"LED lighting is a perfect solution for space exploration because of its ability to function in extreme temperatures and its bright white and variable light," said Daniel C. Shultz, of the John F. Kennedy Space Center. "Any multipurpose light source used on spacecraft will also need to exhibit long life and excellent color rendering -- important for our astronauts' ability to see and to be aware of unknown surroundings."

According to Zach Gibler, Chief Executive Officer, Lighting Science, "[t]his agreement opens up opportunities for Lighting Science to take lighting advances developed for space exploration and translate them into earth-bound LED lighting applications that benefit the day-to-day lives of people here and now."

The two year agreement calls for development of a lighting fixture prototype that will meet the unique demands of space equipment and space travel including control, vibration, off-gassing, electromagnetic interference and other spacecraft issues. With a life of up to 50,000 hours, LEDs require only infrequent maintenance, which is ideal for space exploration. LEDs are also easily controlled, providing smooth dimmability and constant color temperature throughout the dimming range.

"The Lighting Science-NASA agreement also gives us an opportunity to explore LED lighting's impact on human factors management, so important to space travelers who spend long periods of time away from the normal rhythms of Earth time," said Fred Maxik, Chief Scientist at Lighting Science. "We hope to not only improve circadian rhythm management for our astronauts but, also to learn something that will help the millions of people who struggle with these issues here on Earth."

About Lighting Science

Lighting Science Group Corporation designs, develops, manufactures and markets LED lighting solutions that are environmentally friendlier and more energy efficient than traditional lighting products. LSG offers retrofit LED lamps in form factors that match the form factor of traditional lamps or bulbs and LED luminaires for a range of applications including public and private infrastructure for both indoor and outdoor applications. LSG's Custom Solutions business unit designs, develops and manufactures custom LED lighting solutions for architectural and artistic projects. LSG is headquartered in Satellite Beach, Florida; LSG's Custom Solutions business unit is based in Rancho Cordova, California; LSG's European operations are based in Goes, The Netherlands; and, LSG has sales offices in Tokyo, Japan, Buckinghamshire, England and Sydney, Australia. More information about LSG is available at www.lsgc.com.

Forward Looking Statements

Certain statements in this press release may constitute "forward-looking statements" made under the "safe harbor" provisions of the Private Securities Litigation Reform Act of 1995. The statements include, but are not limited to statements regarding our expectations concerning management and our ability to expand and develop our business and statements using terminology such as "breakthrough," "advances," "opportunities," "success," "will," "should," "expected," "revived," "would," "could," "expect," "intend," "plan," "anticipate," "believe," "potential," "opportunity," "greater," "preparing," or "extensive." Such statements reflect the current view of LSG with respect to future events and are subject to certain risks, uncertainties and assumptions. Known and unknown risks, uncertainties and other factors could cause actual results to differ materially from those contemplated by the statements. In evaluating these statements, you should specifically consider various factors that may cause our actual results to differ materially from any forward-looking statements. Readers should carefully review the risk factors detailed under "Risk Factors" in our Form 10-K's, Form 10-Q's and other Securities and Exchange Commission filings. These filings can be obtained by contacting LSG's Contact.

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