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## **SLD Laser Demonstrates 12,000 Lumen SkyBeam Spotlight for Outdoor Lighting Applications;**

*Company to showcase its High Brightness LaserLight Products for Lighting  
and Automotive Applications at LightFair in Philadelphia May 21-23, 2019*

May 14, 2019 – Goleta, CA – SLD Laser, a world leader in commercialization of visible laser light sources, has demonstrated SkyBeam™, the world's first 12,000 lumen LaserLight spotlight for outdoor lighting applications based on its award winning UL safety certified LaserLight-SMD product released last year. The company will showcase the SkyBeam along with LaserLight-Fiber and SMD products at LightFair International 2019 in Philadelphia, PA, May 21-23, 2019.

“We are thrilled to announce the SkyBeam Spotlight and demonstrate the scalability of our LaserLight products for high lumen outdoor lighting applications,” said Dr. Paul Rudy, CMO of SLD Laser. “Last year, LaserLight product shipments began by delivering 10 times higher visibility than can be achieved with LEDs into applications such as portable handheld flashlights, drones, off-road light bars, and automotive headlights. With the increased output demonstrated in SkyBeam of 12,000 lumens, 6 million candela, and 5 kilometer range, deployment is now starting in higher lumen applications such as entertainment and architecture, avionics and search & rescue, ports and marine lighting, as well as pole lights and stadiums.”

SLD will also demonstrate FiberLight modules at LightFair for specialty pendant lights, accent lighting, pole lighting, and professional industrial and medical applications such as endoscopy and machine vision, where light needs to be transported or the fiber itself emits as the light source. LaserLight sources couple more than 10 times more efficiently than LEDs into low cost thin fiber optics, thereby enabling plug-and-play fiber optic lighting systems, with the installation of the modular light source as simple as connecting a headphone jack. Moreover, SLD Laser products have achieved the world's first UL and IEC Safety Certifications for laser lighting.

“LaserLight is poised to revolutionize the lighting industry as did the arrival of LED lighting more than a decade ago,” sated Dr. James Raring, President and COO of SLD Laser. “Delivering more than 10 times the brightness of LEDs allows LaserLight to dramatically extend the range of illumination and precisely shape the light from an ultra-compact, long lifetime source with minimal power consumption. Beyond lighting, LaserLight provides the capability for high speed data transmission and 3D sensing.”

In addition to lighting, LaserLight products are now shipping into automotive applications such as the high beam booster for headlights. Future auto applications include high beam / low beam headlights, daytime running lights, and interior ambient fiber lighting. Additionally, LaserLight technology will enable new lighting functions in next generation autonomous driving with active beam shaping to dynamically display the light on the road. For connected cars, LaserLight sources will enable LiFi data communications – high speed, networked, wireless communications using light – which eclipse the capabilities of conventional WiFi communications by 1000 times, with vastly increased data transmission rates in excess of 10GB per second and extended range.

SLD Laser is hosting meetings at LightFair International in Philadelphia, PA on May 21 – 23, 2019 in booth #134. To schedule an appointment, please contact Kristen Hanna at KHanna@SLDlaser.com.

#### About SLD Laser

SLD Laser is commercializing a new generation of visible laser light sources for automotive, specialty lighting, and displays, as well as advanced sensing and communication applications. The company is certified to automotive IATF 16949 and ISO 9001 quality standards, and operates facilities in Santa Barbara, CA and in Fremont, CA. SLD Laser’s high luminance LaserLight products are UL and IEC safety certified, and are being adopted in a myriad of specialty illumination applications such as portable and outdoor lighting, entertainment and architecture, off-road and automotive lighting, projection and AR/VR displays, biomedical instrumentation & therapeutics, and industrial imaging & material processing. SLD Laser was founded in 2013 by several leading global pioneers in solid-state lighting, including Dr. Shuji Nakamura, 2014 Nobel Laureate in Physics, Dr. Steve Denbaars, Dr. James Raring, and Dr. Paul Rudy. To learn more about SLD Laser, visit [www.SLDlaser.com](http://www.SLDlaser.com) or contact the company at [info@SLDlaser.com](mailto:info@SLDlaser.com) or 1-866-SLD-LASE.

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