

Press Release for Immediate Distribution

SLD Laser Achieves World's First UL Certification for Laser Lighting; *Company Wins Award at LightFair and Receives Gold Innovators Award from Laser Focus World*

July 17, 2018 – Goleta, California – SLD Laser, a world leader in commercialization of visible laser light sources, today announced its LaserLight SMD product line has achieved UL certification for the solid-state lighting safety standard ANSI/UL 8750. These LaserLight products won top honors at the LightFair exhibition in Chicago in May in the category of LED / OLED, Chips & Modules. Additionally, the products recently received Gold Innovators Award from Laser Focus World, announced at the CLEO conference in San Jose, CA.

Dr. James Raring, SLD Laser co-founder and president, stated, "We are pleased to announce that SLD has achieved the world's first UL certification of a laser based lighting source. We are driven by the vision that laser diodes are lighting's future, we are thrilled to see regulatory acceptance and adoption of our LaserLight products in so many of our customer's lighting applications. Additionally, we deeply appreciate the extraordinary recognition by the 2018 LightFair and Laser Focus World judging committees."

Bahram Barzideh, Principal Engineer for UL stated, "UL is pleased to have worked with SLD Laser for certification of their new LaserLight product line, which produces light within the visible light spectrum. These products were evaluated per the applicable requirements of UL 8750 - the Standard for LED equipment for LED lighting. Additionally, based on request from SLD Laser, UL performed testing per IEC TR 62778:2014 to assess risk group (RG) levels for blue light hazard. With the results of these two evaluations, SLD Laser can now identify specific construction and performance characteristics for the LaserLight product line which will allow OEMs to more easily integrate these components into lighting products and systems, help reduce the need for end-product testing and accelerate time to market."

SLD's LaserLight SMD is the world's first laser based commercial lighting product, delivering more than 10 times higher luminance than LEDs, and enabling safe, highly collimated, white light output with vastly superior optical control and light delivery from miniature optics or high efficiency fiber optics. LaserLight is being adopted now in portable, architectural, outdoor, and entertainment applications to produce extraordinary lighting effects such as ultra-compact long-range spotlights, glare-free pattern illumination with sharp light gradients, and fiber optic remote lighting effects. For future applications, LaserLight technology is being designed into next generation lighting systems involving dynamic beam shaping, enhanced visibility imaging and

LIDAR for emerging smart car and smart city applications, and LiFi high speed data communication for 5G and beyond.

LaserLight delivers the benefits of solid-state illumination such as minimal power consumption and long lifetime, with the highly directional output that has been possible only with legacy technology. LaserLight SMD delivers 500 lumens of white light and 1000 candela per square mm output from a miniature 7mm surface mount device (SMD) lighting package. LaserLight sources utilize the company's proprietary and patented semi-polar GaN laser diodes combined with advanced phosphor chip technology and novel high luminance packaging.

About SLD Laser

SLD Laser is commercializing a new generation of visible laser light sources for automotive, specialty lighting, and display applications. The company is ISO 9001 certified and automotive compliant to IATF 16949, and operates facilities in Santa Barbara, CA and in Fremont, CA. SLD Laser's UL certified high luminance LaserLight sources are being adopted in a myriad of applications including automotive headlights, specialty lighting in entertainment and architecture, projection displays, biomedical instrumentation & therapeutics, and industrial imaging & material processing. SLD Laser is an independent spin-off from Soraa Inc. (LED lighting) and was founded 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 <http://www.SLDLaser.com>, or contact the company at info@SLDLaser.com or 805-696-6999.

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