FOR IMMEDIATE RELEASE

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August 18, 2008 – Logan, UT – Ophir-Spiricon, the global leader in precision laser measurement equipment, today announced the latest version of LBA, the company’s high accuracy laser beam analysis software. LBA measurement precision is based on Ultracal™, the company’s patented, baseline correction algorithm that helped establish the ISO 11146-3 standard for beam measurement accuracy. Ultracal ensures the highest accuracy and reliability in the industry by retaining negative signals essential for making correct beam width measurements and for extracting weak signals out of noise. LBA also features a Pointing Stability program that collects centroid and peak data from the LBA core system and displays it graphically; this is critical for maintaining accuracy in welding, laser manufacturing, and military range finder applications. The newest version of LBA operates on the Microsoft® Windows® Vista 32 operating system and works with Ophir-Spiricon’s SP503U and SP620U, new USB 2.0 CCD cameras that feature the highest dynamic range in the industry, up to 64dB.

Designed for a variety of scientific R&D and manufacturing applications, LBA contains all the algorithms and calculations necessary to make the most accurate beam measurements, including quantitative calculations, 2D and 3D viewing, user-defined apertures, multiple frames averaging and summing, zoom up to 32 times the original size, and user-selectable Z-axis (intensity) scal-
ing. An ActiveX® interface allows data to be shared with other applications, including MAT-
LAB® and LabVIEW®.

“LBA is the industry’s most advanced beam analysis software,” stated Gary Wagner, President,
Ophir-Spiricon, Inc. “Unique features include the ability to calculate statistics on an unlimited
number of frames. This is an important capability for enterprise-critical applications, such as pro-
duction operations that monitor pass/fail limits. LBA also provides assured data integrity -- once
an image is saved, it cannot be altered. This is an important feature for researchers who are pub-
lishing their findings. And LBA’s accuracy is unmatched. With Ultracal, the baseline can be cal-
culated to better than 1/8th of one digital count, pixel by pixel, allowing profiling of the smallest
spot sizes in the industry.”

Availability
LBA laser beam profiling software is available now. The data sheet can be viewed at
http://www.ophiropt.com/laser-measurement-instruments/beam-profilers/products/scientific-
technology-application/laser-beam/lba-software.

About Ophir-Spiricon
Established in 1978, Ophir-Spiricon is part of the Ophir Optronics Laser Measurement Group.
The Laser Measurement Group provides a complete line of instrumentation including power and
energy meters, beam profilers and spectrum analyzers. Wholly-focused on laser measurement,
the group’s modular, customizable solutions serve manufacturing, medical, military, and research
industries throughout the world. An unwavering commitment to forward thinking helps keep us
“the partner of choice.” For more information, visit www.ophir-spiricon.com.

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