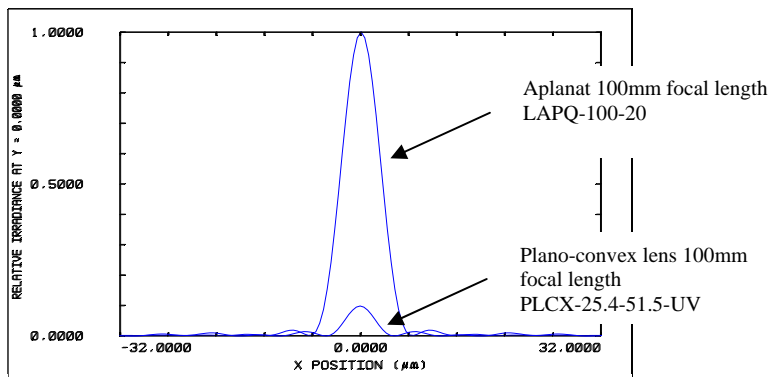


January 4, 2006

Albuquerque, New Mexico

## Fused Silica Aplanats for UV and High Energy Micro-Machining Applications



CVI is proud to introduce an entire family of UV grade fused silica aplanats for excimer lasers and high energy micro-machining applications. Fused silica positive, negative and the complimentary meniscus triplet for f/3.3 focusing have been designed and manufactured. These aplanats are mounted in a housing to maintain performance. Narrowband “V”-coat antireflection coating of all elements is included in the list price.

Aplanatic lenses correct for coma and spherical aberrations. This is very important for

applications where high brightness is of a concern. The Aplanatic lens maintains a very small focused spot, providing for higher energies at the focal point than can be achieved with singlet lenses.

Emily Kubacki, Product Manager for CVI, “I am very excited to be able to bring this product to the market at this time. We have worked with our top customers to develop a useful set of focal lengths for many applications. We have expanded fabrication capabilities in several manufacturing locations in order to ensure capacity for this new product line.”

“We have updated CVI’s online catalog, [www.cvilaser.com](http://www.cvilaser.com), to include the new products. The website has also been updated with several other new products, improved specifications, and additional information on custom fabrication, coating and finishing capabilities.”

Aplanatic lenses are used in excimer laser beam handling and steering, high energy and UV Nd:YAG machining applications, fiber laser micromachining applications, laser material ablation, UV imaging spectroscopy, and UV microscopy.

Serving semiconductor, biotech, industrial, commercial, aerospace and research industries, CVI combines 30 years of optics manufacturing expertise with precision machining and mechanical design to produce integrated opto-mechanical assemblies. CVI is a leading manufacturer of optical components, providing engineering, rapid prototype delivery, high volume production, and system integration for challenging optical requirements. Headquartered in Albuquerque, New Mexico, CVI operates manufacturing facilities in New Mexico, California, the British Isles, and South Korea with sales representatives and distributors located worldwide.

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