

Press release

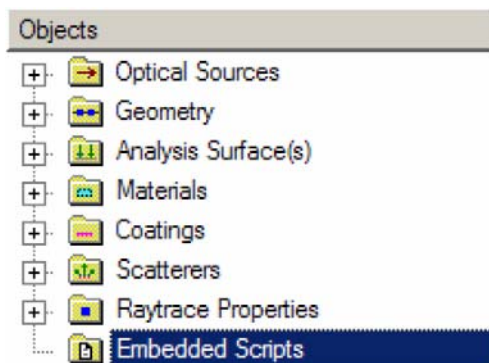
Press contact:

Jan Brubacher
Marketing & Communication

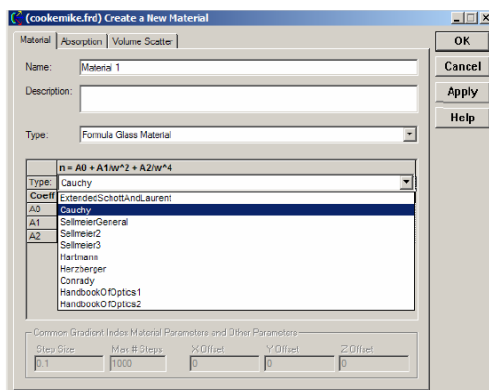
Photon Engineering, LLC announces FRED™ Turbo and FRED™ 7.0.0

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Wessling, 18. December 2007, Photon Engineering, LLC announces Release 7.0.0 of its optical engineering software FRED 7.x series. FRED is an advanced 3D CAD optical engineering software program capable of simulating the propagation of light through virtually any optical/illumination system.



Graphic showing FRED's new embedded script folder



Dialog showing FRED's new Formula Glass definition

The FRED 7.0.0 release features several major enhancements to FRED's raytracing speed and modeling capabilities. FRED 7.0.0's multi-threaded raytracing is substantially faster tracing imported CAD geometry and large surface count systems through enhancements to the multi-threaded memory manager. Raytrace speeds on quad and dual-quad core computers now average 3X and 6X respectively when compared with single CPU raytracing. Further improvements include the direct import of "Optilayer" thin film prescriptions, a new embedded scripts folder that embeds directly into the FRED's document and the capability to define 12 different dispersion formulas to define custom glass materials.

For further information please contact:

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About Photon Engineering, LLC:

Photon Engineering, LLC is a privately held company based in Tucson, AZ, and was founded in 1997. Photon Engineering is committed to providing the highest quality optical engineering services and software to its customers. Photon Engineering has worked with over 150 customers world-wide on a very wide range of optics-related projects including light pipes, illumination systems, LCD projectors, backlights, space satellite systems, laser scanners, tactical optics, zoom lenses and more. For more information contact sales@photonengr.com or visit the company's Web site at www.photonengr.com.

About Laser 2000:

Since 1986 Laser 2000 GmbH is a supplier of high technology in the field of lasers, micromachining equipment, optics, and fiber optic equipment. Our products are designed to meet the challenges of both research and industrial production as well as your actual or future requirements of your applications.

Laser 2000 is headquartered in Munich, Germany and operates local offices in all major business areas of the European market. In order to support your application we deliver top-level service and products and meet the highest standard of quality. With an installed base of thousands of applications around the world, Laser 2000 has shown the ability to provide onsite-support in time. More information: www.laser2000.de

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