

SCHOTT IRG Line Now Available on Zemax and CODE V[®] for Optical Design

Optical designers can now access SCHOTT's line of IRG products in major design software

Mainz (Germany), September 22, 2014 – The international technology group **SCHOTT** with its **Advanced Optics Business Unit**, a global manufacturer of high-quality optical components for the infrared (IR) industry, including its chalcogenide glass products, announced today that the newly renamed **IRG** product line (formally the **IG** product line) will be available on **Zemax** and **CODE V[®]**, two major brands of optical design software. **SCHOTT IRG** will be featured in the next release of the **Zemax** catalog file and **Zemax OpticsStudio** and has been updated in the **10.6** release of **CODE V[®]**'s software.

Optical designers can now use one of the industry's top infrared glasses—**IRG**—on standard industry software to design a wide variety of components and systems for surveillance, imaging, and sensing systems for the growing list of applications and uses in the defense, consumer, industrial medical, and biotechnology markets. Within the programs, designers will gain access to the line of **IRG** glasses, including the **IRG23**, **IRG24**, **IRG25**, and **IRG26** glasses.

Manufactured in Duryea, Pennsylvania, **SCHOTT**'s high-quality **IRG** product line includes glasses with reliable, traceable, and consistent optical and physical properties. Optical designers choose to model various applications with **SCHOTT**'s **IRG** components due to their excellent transmission in the near IR (**NIR**), shortwave IR (**SWIR**), midwave IR (**MWIR**), and longwave IR (**LWIR**) range. In addition, properties such as high index, low dn/dT and dispersion enable designers to engineer color-corrected optical systems without thermal defocusing.

“The **IRG** line is a crucial component in the growing IR imaging and detection field for the defense, commercial, and industrial markets,” said **Andreas Haedrich**, Sales Director EMEA for **SCHOTT Advanced Optics**. “Requests for high-performance IR materials with improved quality have driven **SCHOTT** to advance the state-of-the-art production of the **IRG 22-26** product lines, yielding higher quality with more consistent and accurate material properties. As a result, **SCHOTT IRG** glasses need to be differentiated from the past product designations. We've provided the new **SCHOTT IRG** glass material properties to customers and major design software companies **Zemax** and **CODE V[®]** so that everyone can take advantage of the industry's arguably most complete and accurate property set for **IRG** glass in their ever-expanding IR product lines.”

For more information:

http://www.schott.com/advanced_optics/english/products/optical-materials/ir-materials/infrared-chalcogenide-glasses/index.html



The SCHOTT IRG product line is now available on Zemax and CODE V[®] for optical design.
Photo: SCHOTT.

Download link: <http://www.schott-pictures.net/presskit/258444.IRG>

CODE V[®] is a registered trademark of Synopsys, Inc.

SCHOTT is an international technology group with 130 years of experience in the areas of specialty glasses and materials and advanced technologies. SCHOTT ranks number one in the world with many of its products. Its core markets are the household appliance, pharmaceutical, electronics, optics, and transportation industries. The company is strongly committed to contributing to its customers' success and making SCHOTT an important part of people's lives with high-quality products and intelligent solutions. SCHOTT is committed to managing its business in a sustainable manner and supporting its employees, society and the environment. The SCHOTT Group maintains close proximity to its customers with manufacturing and sales units in 35 countries. Its workforce of 15,400 employees generated worldwide sales of approximately 1.84 billion euros for the 2012/2013 fiscal year. SCHOTT AG, with its headquarters in Mainz (Germany) is owned by the Carl Zeiss Foundation.

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