

Application Scenario HSL.002: Homogenization of Excimer Laser Beam by Diffractive Diffuser

Abstract

This application scenario shows the simulation of a homogenization system for an excimer laser beam using a diffractive diffuser. The diffuser is optimized to generate a circular top hat.

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Keywords:	Diffractive Optics, Diffractive Optical Elements, Homogenization, Diffuser, Excimer Laser, Partial Coherence
Requirements:	VirtualLab version 4.0.1 or higher – Starter Toolbox
Scenario Version:	1.2
Sample Files:	Corresponding files can be found here .

Technical Support

If you have any questions, remarks or problems concerning this application scenario, or in using VirtualLab in general, please do not hesitate to contact us by E-Mail support@lighttrans.com.

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To ensure that this application scenario gives the same results as described, set the global settings to the default values. In VirtualLab this can be done in the **Extras > Global Options** dialog with the **Reset All** button.