

Application Scenario DO.002: Design of a Diffractive Diffuser for Generation of a Rectangular Top Hat

Abstract

Example for the optimization of a diffractive optical element for diffuse illumination of a rectangular area (Top Hat).

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Keywords:	Diffractive Optics, Diffractive Optical Elements, Diffrusers, Top Hat
Requirements:	VirtualLab version 5.2.1 or higher – Diffractive Optics Toolbox
Scenario Version:	2.2
Sample Files:	Corresponding files can be found here .
Related Scenarios:	DO.001 , DO.003
Related Tutorials:	144.01

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.