# Application Scenario MO.002: Import and Simulation of Diffraction at User Defined Phase Plates

**Abstract**

This application scenario demonstrates the import of a user defined phase plate from ASCII or bitmap data and shows the simulation of the diffraction at this plate.

| | |
|---|---|
| **Author:** | Hagen Schweitzer, LightTrans GmbH |
| **Keywords:** | Diffractive Optics, Diffractive Optical Elements, Diffusers |
| **Requirements:** | VirtualLab version 4.0.1 or higher – **Starter Toolbox** |
| **Scenario Version:** | 1.1 |
| **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.

Please use the update service to install the current version of VirtualLab. Alternatively you can use the latest **Trial Version** of VirtualLab which is available at our download site. If you have been registered already for an older trial version, just contact us by E-Mail.

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.