

## Application Scenario HSL.001: Homogenization of an LED by a Lens Array

### Abstract

Example for the homogenization of a LED by two lens arrays with rotational symmetric lenses.

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<b>Keywords:</b>	Diffraction Optics, Diffraction Optical Elements, Homogenization, Lens Array, LED, Partial Coherence
<b>Requirements:</b>	VirtualLab™ version 5.2.1 or higher – <b>Starter Toolbox</b>
<b>Scenario Version:</b>	4.0
<b>Sample Files:</b>	Corresponding files can be found <a href="#">here</a> .

More details can be found in HSL.001\_Homogenization\_LED\_by\_Lens\_Array\_FullDescription.pdf. This file and the sample files can be found [here](#). Please note that the calculation with the preset number of modes takes about 2 hours.

### 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](mailto: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.