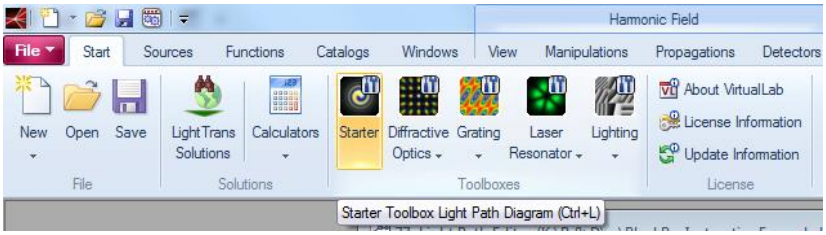
# Instructions for using VirtualLab Fusion BlackBox models of Diffractive Homogenizers from HOLO/OR

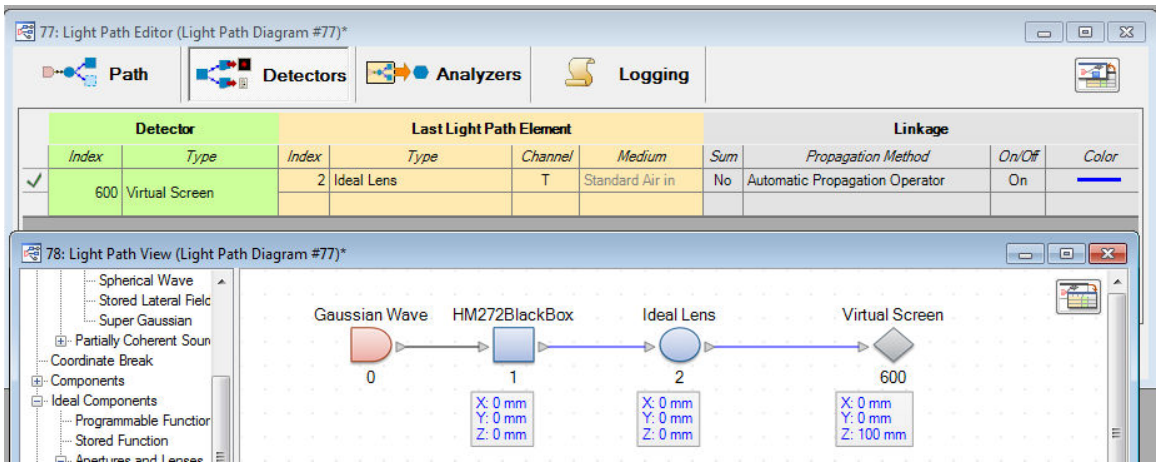
Version 1.0

1. Download and open the LPD file with Black Box model from the website product page at column “LPD”.




2. In the Light Path View editor insert Source and other optical elements and detector and connect it into light path.

In example Source Gaussian, Ideal Lens and Virtual Screen

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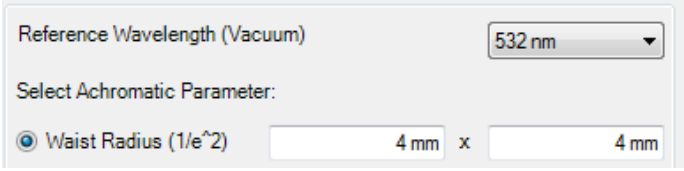
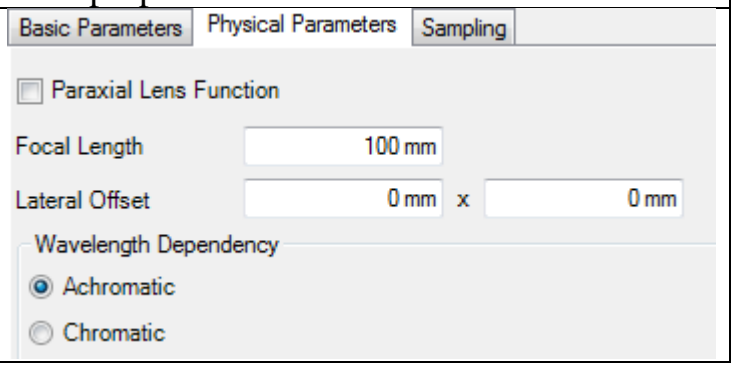
3. Define properties for source and other optical elements.

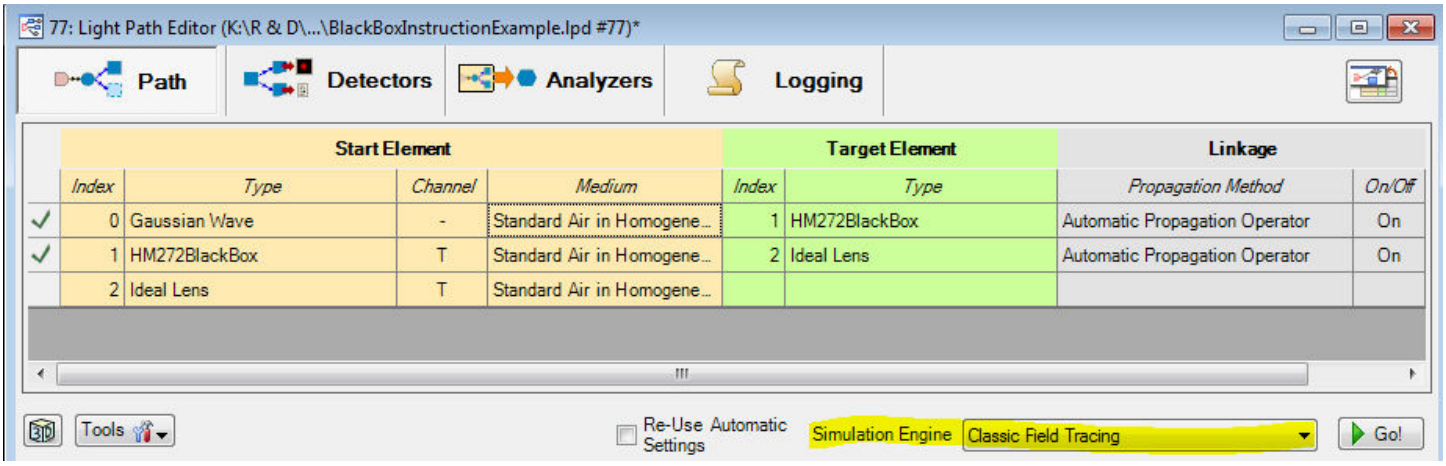
For example for source - wavelength and beam size (refer to DOE specifications), wavelength & focal length for ideal lens, and distance between Lens and Virtual Screen.

| Source properties | Lens properties |
|---|---|
|  |  |





4. Run Classic Field Tracing propagation method*





*Note: Geometrical Optics operator doesn't achieve precise results for this type of simulation.*

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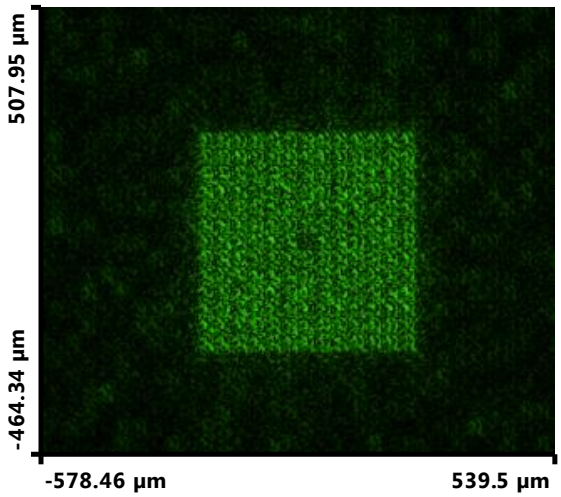
Output from Example:




Example file: link

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