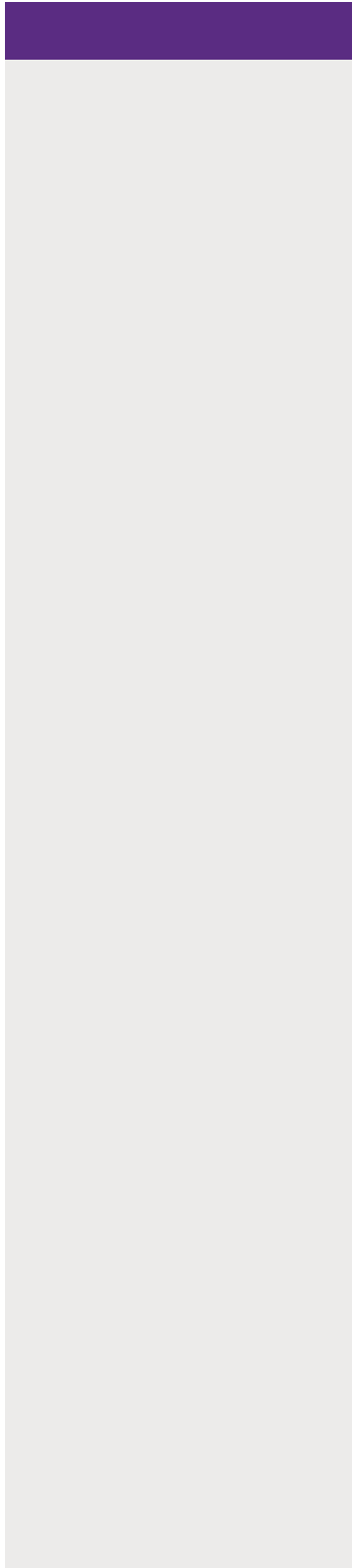
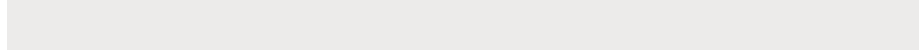
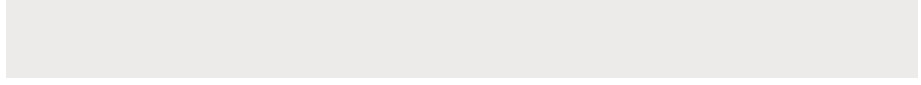
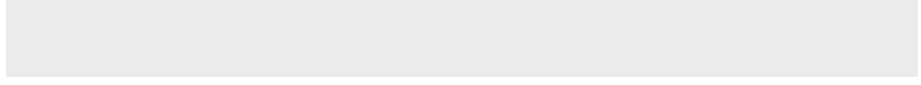
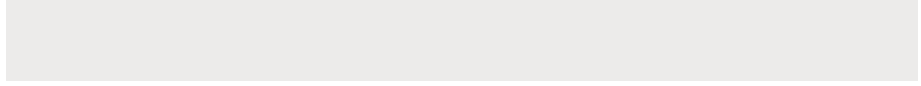
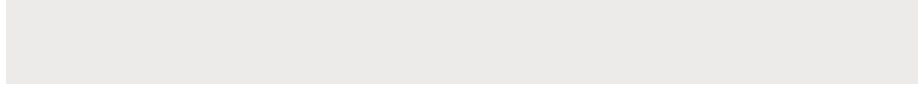
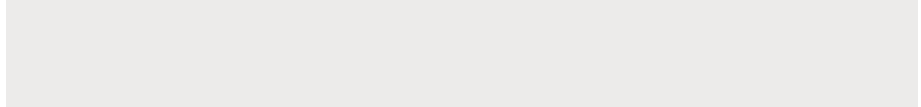


LightTools Modules



Illumination Module | Core Module

Enables designers to simulate and analyze light as it traverses the optical and mechanical components in a model. Includes state-of-the-art Monte Carlo ray tracing for accurate predictions of intensity, luminance, and illuminance throughout the model, as well as powerful illumination analysis capabilities.



Illumination Module

Powerful illumination analysis capabilities, such as photorealistic renderings that show the luminance effects of light sources in the model, simulate real-world conditions and reduce the need for physical prototypes.

Illumination Analysis

Imaging Path Module

- Sequential ray tracing
- Paraxial solves
- Image path view
- Spot diagram and transverse aberration plots

Distributed Simulation Module

The Distributed Simulation Module allows you to distribute Monte Carlo ray tracing over multiple computers to speed simulations of complex optical models.