



OSLO – Optical Design Software

OSLO (Optics Software for Layout and Optimization) is a powerful optics design program. OSLO was the first software to demonstrate the serious optics and lens design could be carried out using desktop computers.

Application Industry:

IMAGING SYSTEMS

Photolithography
Optical Metrology
Laboratory Instruments
Optical Testing
Spectrographs
Astronomical Telescopes

LASER SYSTEMS

Fiber Couplers
Laser Focusing
Collimators
Scanners
Cavity Design
Beam Delivery

NONIMAGING OPTICS

Illumination Systems
Interferometers
Solar Collectors
Faceted Reflectors
Condensors
Light Concentrators

VISUAL SYSTEMS

Microscopes
Telescopes
Refractometers
Low Vision Aids
Endoscopes
Virtual Reality
Night Vision

Price List :

Permanent license plus 12 months of support

OSLO Premium Edition
OSLO Standard Edition
OSLO Light Edition

Fixed license

\$3,500
\$2,500
\$1,250

Network license

\$4,000
\$3,000

OSLO's major features include:

- Lens and Material Databases
- Special Surface Data
- Zoom and Multiconfiguration
- Systems
- Arrays and Non-Sequential Groups
- Special Apertures
- Tolerance and Element Data
- Polarization and Thin Film
- Coatings
- Ray tracing
- Diffraction and Partial Coherence
- Optimization Methods
- Ghost Images
- Narcissus Analysis
- Polarization Ray Trace
- Non-Sequential Ray Trace
- Gaussian Beam Analysis
- Partial Coherence Analysis
- Fiber Coupling
- OSLO imports files from the following programs: CodeV, GENII, Sigma, Zemax
- OSLO files export to CAD programs
- Append data files from

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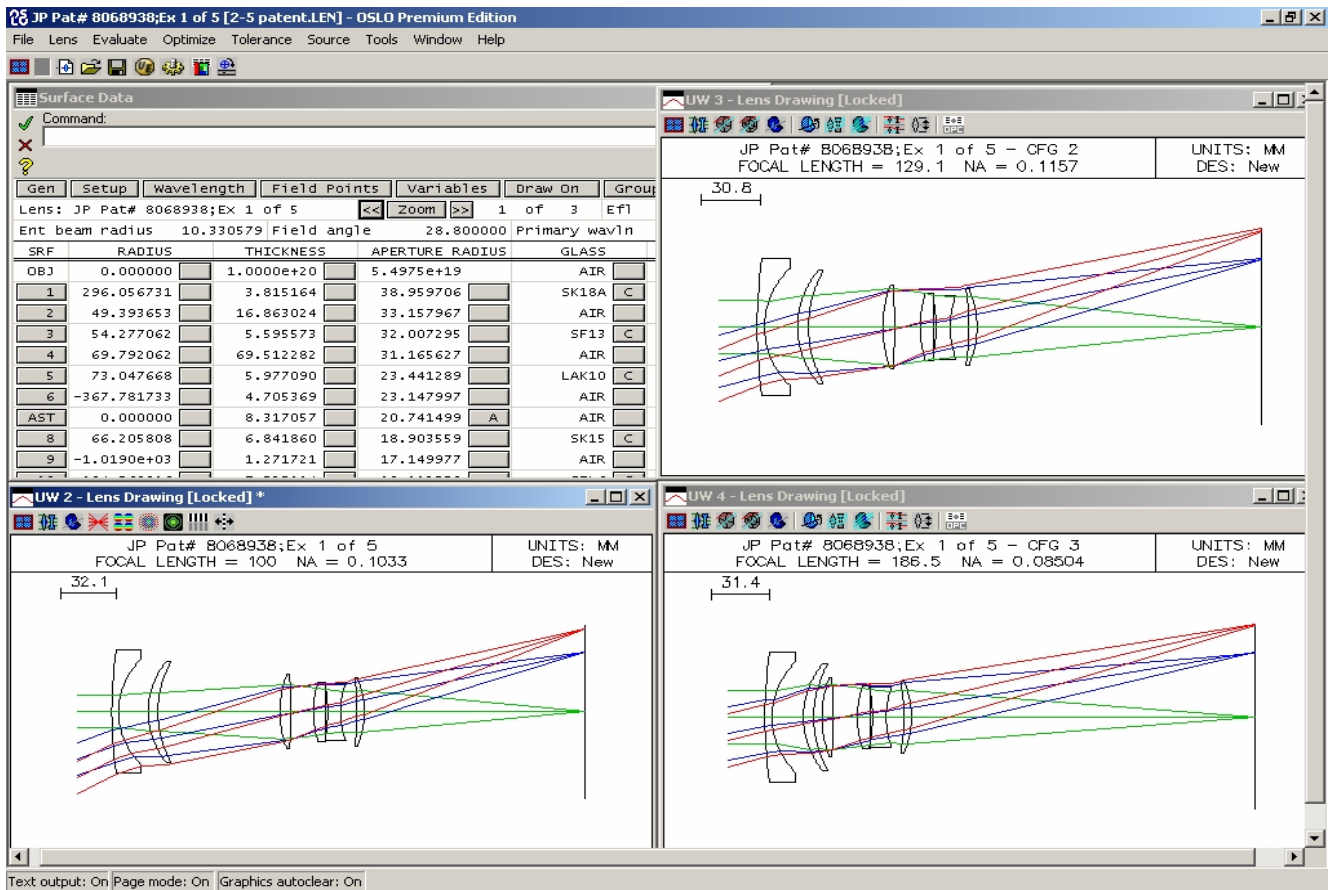
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- Tolerance Analysis
- Lasers, Fibers, and Gaussian Beams
- Illumination Analysis
- Perfect Lenses and Eikonals
- Vignetting Analysis
- Footprint Analysis
- Spot Diagram
- Wavefront Analysis
- Point Spread Function
- Modulation Transfer Function
- Energy Distribution
- Monte Carlo Analysis

commercial interferometers to any surface for advanced simulation and tolerancing.

- Support for Radiant Imaging data files
- Fast Optimization
- Standard Surface
- Cylindrical Surface
- Lenslet Array
- Diffractive Surfaces
- User Defined Surfaces
- Interferogram Files
- Aspheric Surfaces
- Gradient Index Surfaces



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