

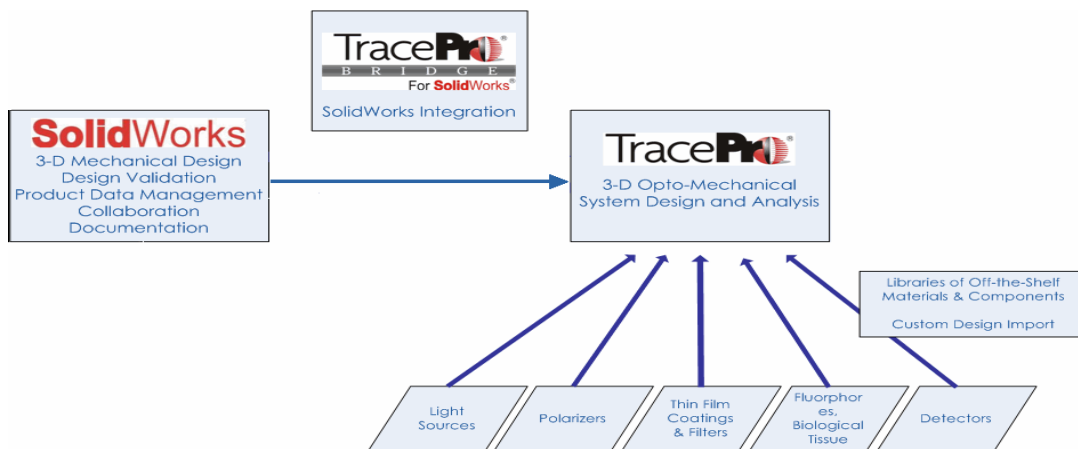


OPTO MECHANICAL SOFTWARE FOR ILLUMINATION ANALYSIS & OPTIMIZATION

TracePro is award-winning software of Lambda Research Corporation, USA for **illumination design**, illumination analysis, LCD backlight design, Display, OLED, Scattering analysis, optical system analysis, stray light analysis, baffle design for stray light suppression in telescopes and other optical systems, and analysis of many other types of optical systems and illumination systems.

Benefits of TracePro Software:

- 3-D CAD User Interface.
- TracePro is seamlessly interoperable with lens design software such as OSLO®, ZEMAX® and CODE V® and with CAD software such as SolidWorks®, AutoCAD®, Pro/E® and CATIA® via a series of file [translators](#).
- TracePro, renowned in the scientific community for the accuracy of its simulations
- Optimizing Lighting and Illumination Systems
- TracePro is a non-sequential optimization module that uses TracePro's DDE interface and Scheme macro language to transfer information back and forth between the utility and TracePro.
- User has complete control of 7 different operand types, flux, irradiance, intensity, CIE (x,y) CIE (u,v), Irradiance Profile and Candela profile.
- Bitmap Converter acts to project the "light" from an arbitrary planar scene(BMP, JPEG, GIF, or PNG file) into an optical system.



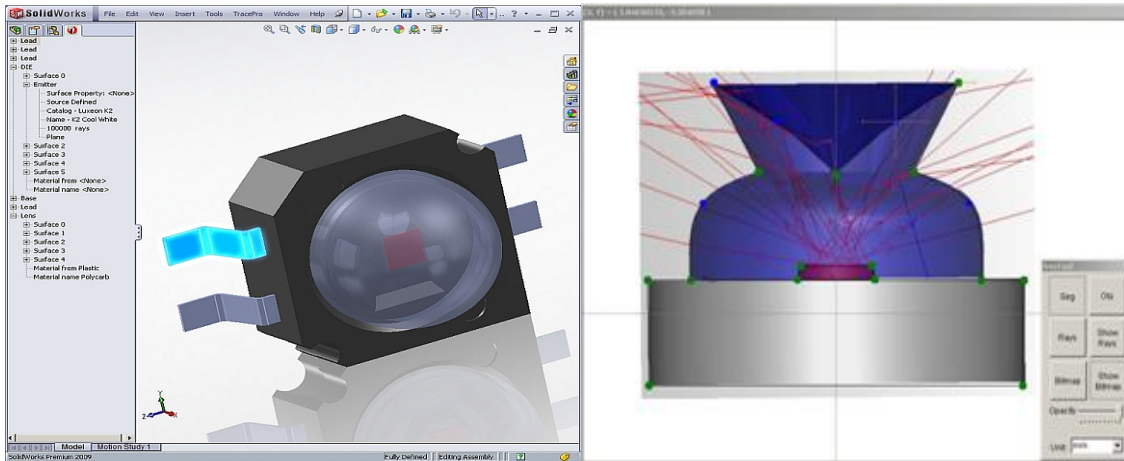
GHOLOGRAPHIC COMPANY

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APPLICATION INDUSTRY

- Arc Lamps
- **Lightpipes**
- **Ghost Analysis**
- Narcissus Analysis
- **LED Systems**
- **Laser Diode Systems**
- **IR Imaging**
- **IR Detection Systems**
- **Lithography**
- **Medical Applications**
- Fiber Optic Design
- Unusual Optics and Lenslet Arrays
- Beam Splitter and Prism Systems
- Illumination and Display Systems
- Projection Systems
- **Life Sciences**
- LCD Projection
- **Stray Light Analysis**
- Conventional Optics



Optimizing Lighting and Illumination Systems

TracePro is a comprehensive, versatile software tool for modeling the propagation of light in imaging and non-imaging opto-mechanical systems.

TracePro help in modeling Modeling lighting and illumination systems is a complex task that is facilitated with automated algorithms that systematically vary the model's geometric parameters to achieve optimum illumination distributions. Trace Pro do best and provide

To define a merit function the user has complete control of 7 different operand types, flux, irradiance, intensity, CIE (x,y) CIE (u,v), Irradiance Profile and Candela profile.

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