

Discovery Service

Faced with a specific engineering problem or need to determine feasibility of a project? ASE, a Rochester Precision Optics Company, offers a fixed price, low risk way to get started.

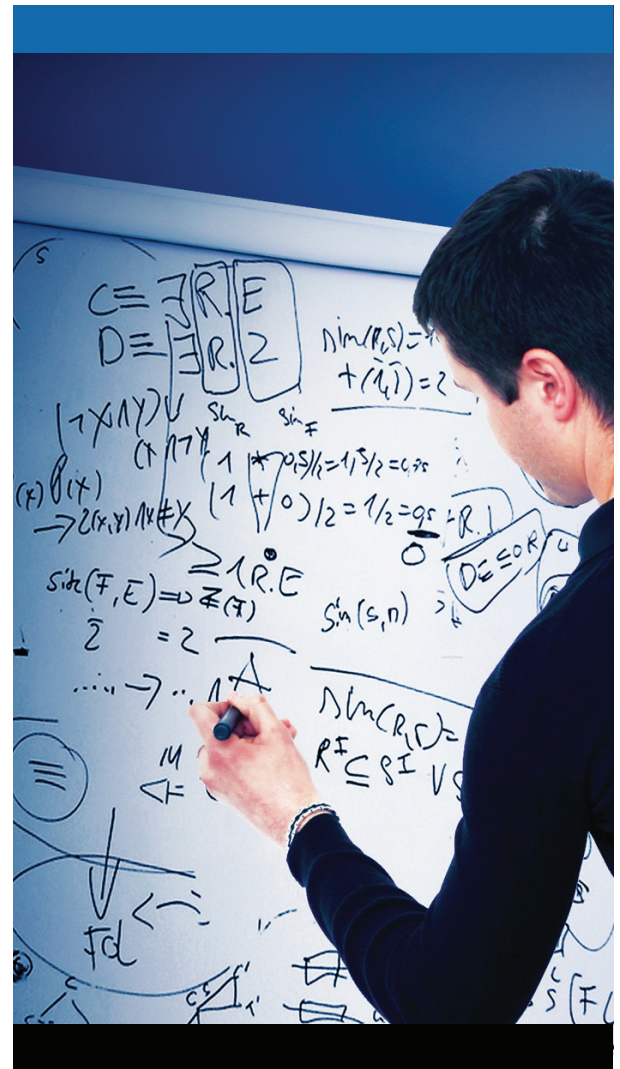
20 hours of Optical Engineering and Product Development for \$1950

Our Discovery Service provides 20 hours of engineering to investigate your project or solve your problem. The end result of the investigation phase is typically a report that details the study of the project, recommended solutions, and possible paths forward if the customer needs further assistance. In many cases where there is a problem that needs to be solved, we provide a completed optical design that solves the problem for the customer and allows them to move forward without further assistance. If the client wishes to work with ASE Optics further, we will provide an accurate estimate for completion at our standard engineering rates.

Some examples of discovery projects that we have completed:

- Analyze tolerance of an ultra-fast laser system
- Investigate LED spot-light instrument homogenization techniques
- Opto-mechanical tolerance analysis for a high-resolution fluorescence imaging lens
- Analyze laser-based sheet illumination and imaging system for zero-gravity turbulence studies
- Develop optical specs for a medical fluorescence imaging system
- Develop low-stress assembly technique for a polarization imaging system
- Design linear lenslet array for controlled image diffusion
- Investigate loss mechanisms and theoretical performances of high-power fiber-coupled solid-state laser-systems
- Develop sampling techniques for scanning optical metrology systems
- Develop procedures for a precision optical element alignment station
- Design IR imaging lens
- Investigate novel imaging lens systems for horizon imaging
- Alignment procedure development for a Cassegrain telescope objective

What's your challenge? Try ASE's low-cost, low risk discovery service to rapidly get a handle on any design challenge for your application.



Discovery Service

Low cost, low risk way to determine:

- Feasibility
- Difficulty
- Cost
- Problem definition
- In some cases, solution

ASE discovery services offers 20 hours of optical engineering for \$1950, resulting in:

- Report with recommended solutions
- Possible paths forward
- In some cases, completed optical design

To get started, call Chris Cotton at 585.303.1574

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