

Optical Design

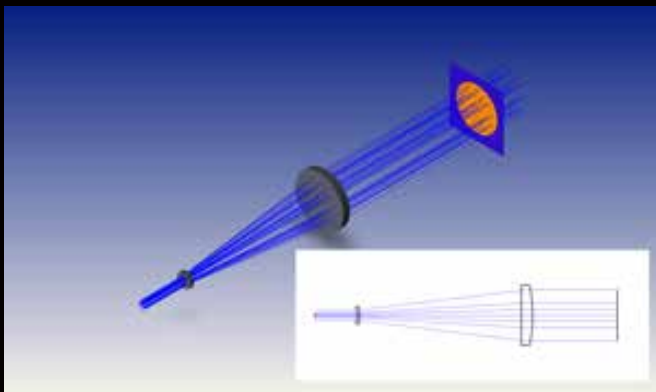
~We provide total solutions for optical design, lens manufacturing, and module fabrication.~

We leverage our experience and expertise in manufacturing thousands of types of lenses to provide contract optical design and simulation services. Having grown through long-term collaborations with companies in many different fields, we are able to propose optimized optical solutions tailored to your needs.

Case 1

Beam Expander

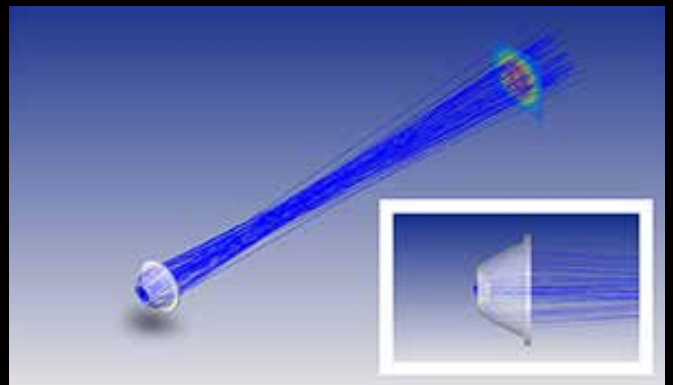
An optical system for expanding or contracting a collimated beam. It is primarily used in optical equipment such as laser processing machines, optical communication systems, microscopes, and telescopes.



Case 2

TIR Lens

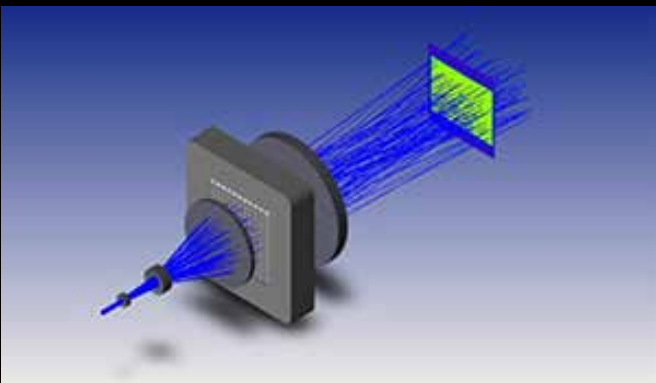
It efficiently collects light from a light source and directs it in a specific direction. This minimizes light loss and increases lighting efficiency.



Case 3

Uniform Illumination Lens

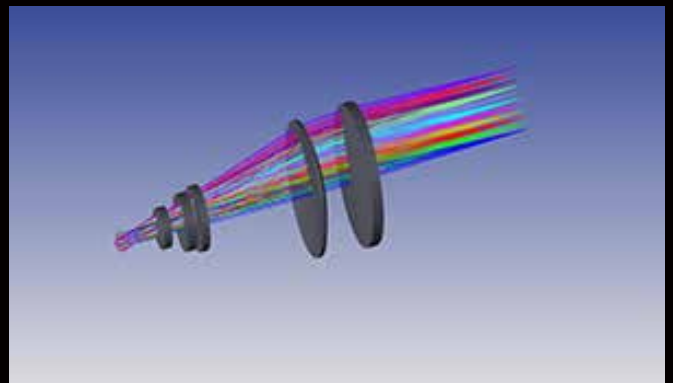
An optical system using a lens array can uniformize laser light. It is primarily used in optical equipment such as projectors, HUDs, and 3D printers.



Case 4

F θ Lens

F θ lenses are lenses used when scanning a laser beam with devices such as galvanometer mirrors. They are mainly used in optical equipment for laser marking, cutting, and similar processing applications.



We provide comprehensive support, not only for optical design, but also for lens production, inspection, quality assurance, and delivery.

Please feel free to contact us with any optical design requests or questions.



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