



P.O. Box 1910
Florence, OR 97439



[541-902-5306](tel:541-902-5306)
[541-999-0421](tel:541-999-0421)



[prisma-
optics@mindspring.com](mailto:prisma-optics@mindspring.com)

Engineering with Polymer Optics

[Home](#)[Services](#)[Experience](#)[Examples](#)[Contact](#)

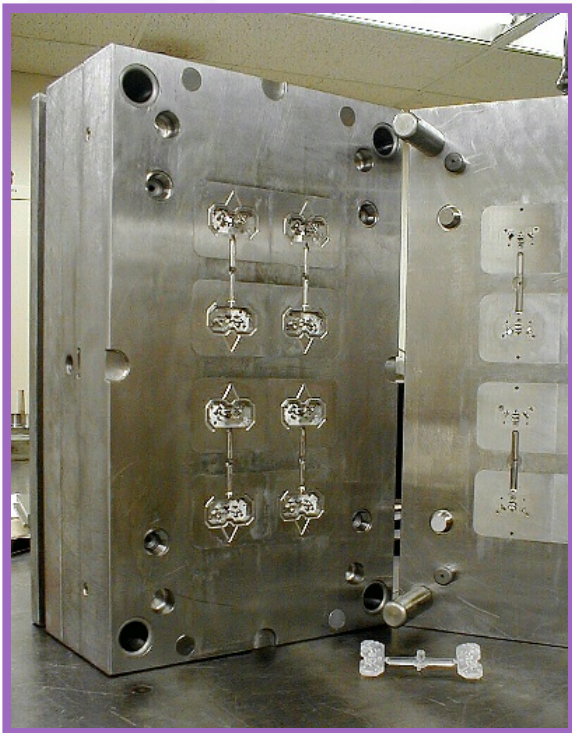
Cutting-Edge Technology Solutions

Electro-Optics Design, Prototyping Services, and More

No matter what systems or components you are developing, Prisma can assist you in all phases of your project. We are an electro-optics design firm with over 40 years of design, management, and contracting experience. From concept development and opto-mechanical design to prototyping services and system evaluation, we have you covered.

Contact Our Electro-Optics Design Firm

Please feel free to give us a call at 541-902-5306 or email us at prisma-optics@mindspring.com to discuss your application.



Benefits of Injection-Molding

- Applicability from Moderate to High Volume With Low Direct Costs and Reduced Labor Content
- Applicability to Small Volumes when No Other Solution is Practical
- Fewer Elements than Glass Spherical; Lighter, Smaller
- Glass/Plastic Hybrids with Precision Mountings Molded In
- Integral Mechanical Features for Precise, Repeatable Registration
- Optical Functions, Including Any Mix of Sphericals, Aspherics, Toroids, Refractives, Diffractives, Reflectives (Coated and TIRs), and Microstructures

Compared to glass, polymers generally have greater thermal coefficients, less abrasion resistance, more birefringence, and less surface accuracy. Special techniques and care must be applied to their design, tooling, and production.

Our Electro-Optics Design Firm Offers

- System Analysis
 - Image and Signal Analysis
 - Thermal Performance
 - Tolerancing
 - Signal-To-Noise Ratio
- System Evaluation
 - Electro-Optical
 - Optical
 - Opto-Mechanical
- Concept Development
- Design Reviews
- Detailed Design
- Prototyping (If Applicable)
- Sourcing & Tooling Coordination

Business Info.

Prisma

P.O. Box 1910
Florence, OR 97439

Contact Info.

Phone: [541-902-5306](tel:541-902-5306)
Mobile: [541-999-0421](tel:541-999-0421)
Email: prisma-optics@mindspring.com

Links

[Home](#) | [Services](#) |
[Experience](#)
[Examples](#) | [Contact](#)