

Custom Optical Lens Drawing Template Guide

Felix Glass specializes in custom precision optical components for machine vision, laser systems, medical optics, spectroscopy and industrial imaging. OEM & ODM manufacturing services are available worldwide. Document No. : FG-LENS-001 | Rev. 1.0 | Issue Date:2026

Mandatory Drawing Information (All drawings must mark below items)

1. Glass substrate material grade
2. Diameter, center thickness, edge thickness & tolerance
3. Front/back surface radius of curvature
4. Target working wavelength & coating type
5. Centration tolerance & surface quality grade
6. Edge treatment: chamfer / blackened edge / grinding

Recommended Drawing File Formats

• PDF • DWG • DXF • STEP • IGES

Standard Lens Outline Templates

- Plano-convex / Plano-concave spherical lens
- Single-element aspheric lens
- Laser collimation focus lens
- Achromatic doublet cemented lens
- Custom meniscus & cylindrical lens

Production Reminder

All laser lenses apply wavelength-matched anti-reflection coating to maximize transmittance; black edge treatment optional to suppress stray light. All lens optical parameters support full OEM customization.

The information contained in this document is provided for reference only. Final specifications are subject to mutually approved engineering drawings, production capability review, and customer project requirements.

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