

Custom Special Optical Lens Drawing Specification Guide

Felix Glass

Brand Intro & Document ID

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-CUSL-001 | Rev.1.0 | Issue Date:2026

Mandatory Custom Drawing Information

1. Required optical glass substrate material
2. Exact diameter, center thickness, edge thickness and tolerance
3. Front/back curvature radius, focal length & wavelength band
4. Special optical correction requirement (chromatic aberration, spherical aberration, beam shaping)
5. Coating type, transmittance or laser damage threshold requirement
6. Edge processing, cementing assembly and mechanical mounting dimension

Compatible Drawing File Formats

- PDF
- DWG
- DXF
- STEP
- IGES

Standard Template Outlines

Achromatic doublet, plano-convex cylindrical, multi-element cemented lens, infrared meniscus custom lens

Production Reminder

We support one-off prototype trial and mass customized production; professional optical engineers provide free light path simulation optimization before formal manufacturing.

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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