

# Custom Aspheric 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 Drawing Parameters

1. Lens substrate material (glass/plastic)
2. Diameter, center & edge thickness tolerance
3. Aspheric coefficient, curvature radius and focal length
4. Target working wavelength and coating requirements
5. Allowable surface form error and surface quality grade
6. Edge processing, mounting structure and assembly demands

## Acceptable Drawing File Formats

- PDF
- DWG
- DXF
- STEP
- IGES

## Standard Template Outlines

Plano-convex aspheric, meniscus aspheric, double aspheric surface lens outlines

## Production Reminder

We provide free optical aberration simulation before production to optimize aspheric curve parameters, support prototype trial and mass batch 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.

