

Custom Optical Filter 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. Substrate glass material
2. Dimension: diameter / length & width, thickness tolerance
3. Required spectrum index: CWL, FWHM, OD blocking depth
4. Incident working angle, single/double side coating
5. Edge treatment: blackened edge or clear edge
6. Mechanical mounting notch, chamfer and assembly requirements

Compatible Drawing Formats

- PDF
- DWG
- DXF
- STEP
- IGES

Standard Templates

Round bandpass filter, rectangular IR cut filter, square ND filter, dichroic plate outlines

Production Reminder

Our optical coating lab supports spectrum simulation before production to match customer transmission & blocking curve demands, small prototype batches and mass production both available.

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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