

Custom Optical Prism 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-PRISM-001 | Rev.1.0 | Issue Date:2026

Mandatory Drawing Parameters (All Dimensions Must Be Clearly Marked)

1. Substrate material grade
2. Full dimensional size & tolerance range
3. Vertex angle precision tolerance
4. Coating type & target working wavelength
5. Application environment: UV / Visible / IR laser system

Recommended Drawing File Formats

- PDF • DWG • DXF • STEP • IGES

Standard Prism Outline Templates

- Right angle triangular prism
- Trapezoidal dove prism
- Pentagonal penta prism
- Equilateral triangular dispersive prism
- Cuboid beam splitter prism
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Production Reminder

All reflective coated prisms will be added with protective silica top layer to prevent metal film oxidation. All dimension, angle and coating combinations support full OEM & ODM 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.

