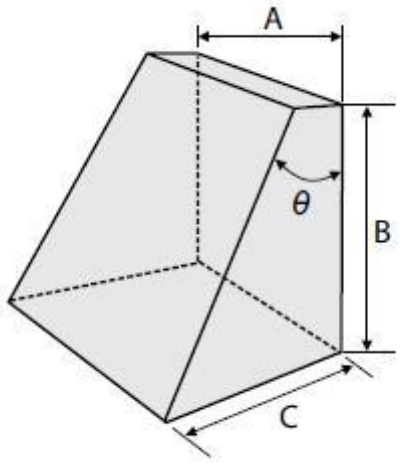
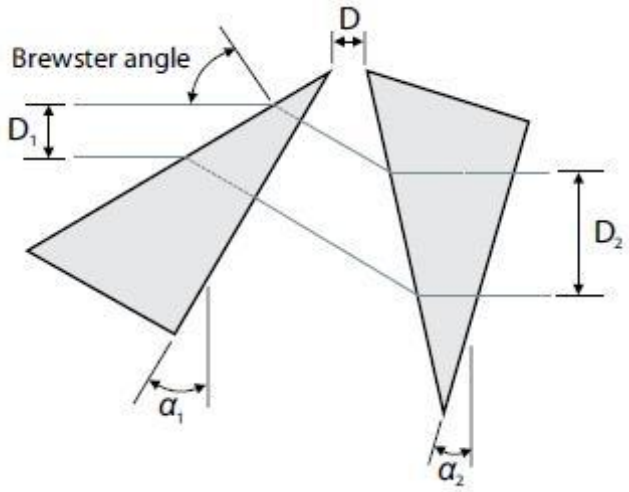
Products

- **OPTICS**
  - Optical Substrates
  - Lenses
  - **Prisms**
  - Dielectric Coated Optics
  - Metallic Coated Optics
  - Filters
  - Off-Axis Mirrors
  - Variable Reflectivity Mirrors
  - Non Polarizing Beamsplitter Cubes
  - Polarizing Optics
  - Adaptive Optical Systems
  - Coatings Section
- **EYE PROTECTION**
  - General Information
  - Laser Safety
  - Protective Laser Glasses Frames
  - Protective Laser Glasses Filters
  - Protective Laser Windows



- A pair of prisms can be designed into a much more compact package than a telescope using cylindrical optics
- The ability of adjusting the position of the prisms allows the user to compensate for variations from one light source to another
- The prisms are more cost effective than cylindrical lenses of comparable quality
- Mount for anamorphic prisms is available upon request



Standard Specifications

Material	SF11
Dimension Tolerances	+0.0, -0.2 mm
Surface Flatness	<λ/8 @ 632.8 nm
Surface Quality	60-40 scratch & dig
Theta Angle	29°27' ± 3"
Clear Aperture	> 85% in central circular dimension
Coating	MgF_2 single layer on perpendicular surface

Anamorphic prisms are used to change the dimension of a beam in one axis, the effect being analogous to that of a cylindrical lens. These two prisms can expand or contract the beam in one direction without any changes in the other direction. By adjusting the angles among the incident beam and two prisms, the shape of the beam can be changed. It is very easy to turn elliptical beam into circular beam. If beam shaping is required, a system using a pair of anamorphic prisms has several significant benefits.

SF11 Anamorphic Prisms

Dimensions A x B x C, mm	Coating	Ordering Code
12.0 x 12.0 x 8.5	Uncoated	14AP-1-0
	MgF_2 single layer on perpendicular surface	14AP-1-1

Ordering

SF11 Anamorphic Prisms 1

STANDA in Lithuania
STANDA P.O. Box 2684, 03001 Vilnius, Lithuania
Phone +370 5 2651474, Fax +370 5 2651483
E-mail: sales@standa.LT

Standa in the World