

## Anamorphic Prisms

### Product Description:

The anamorphic prisms are used to expand or contract a light beam in one direction without any changes in the other direction. By adjusting the angles among the incident beam and two prisms, you can change the shape of the beam.

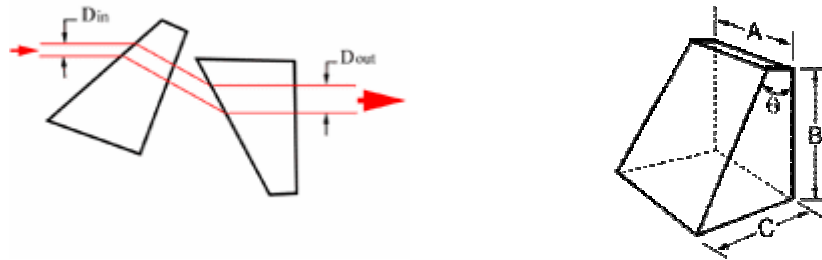
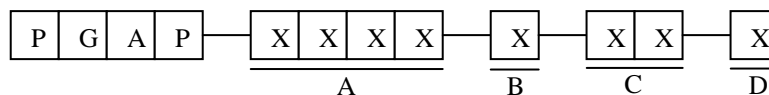


Figure 1: Schematic drawings of anamorphic prisms

### Specifications:

Material	SF11
Dimension Tolerance (A, B)	+0.0, -0.15mm
Dimension Tolerance (C)	$\pm 0.1$ mm
Clear Aperture	> 85%
Surface Quality	40~20
Flatness	$\lambda / 4 @ 632.8$ nm
Angle ( $\theta$ )	$29^{\circ} 27'$
Angular Tolerance ( $\theta$ )	<30 arc seconds
Coating	Specified by customer

### Ordering Information:



A	Wavelength	630=0630nm
		1310=1310nm
		XXXX=Your application wavelength

<b>B</b>	<b>Material</b>	<b>1=SF11</b>
		<b>0=Special</b>
<b>C</b>	<b>Size</b>	<b>01=12.0X12.0X8.5</b>
		<b>Check standard size table for standard size</b>
		<b>00=Custom size</b>
<b>D</b>	<b>Coating</b>	<b>1=yes</b>
		<b>0=no</b>

**Standard Size Table (Material: SF11 Grade A Optical Glass)**

Dimension P/N	A (mm)	B (mm)	C (mm)
01	12.0	12.0	8.5