



SPECIFICATIONS:

- 1. Listed dimensions are MINIMUMS, larger prisms with same angular relationships are acceptable.
- 2. Regarding final dimensions, tolerances are ± 0.2 mm.
- 3. Angular tolerances are ± 15 arcmin.
- 4. Design wavelength is 193nm.
- 5. Material must be high purity (excimer grade) Calcium Floride.
- 6. Nominal transmission of selected Calcium Floride at 193nm must be >93%.
- 7. Clear apertures on Faces 1 and 2 (F1,F2) must be >85% length and width.
- 8. Surface quality on Faces 1 and 2 (F1,F2) must be 20-10 scratch-dig.
- 9. Surface flatness on Faces 1 and 2 (F1,F2) must be $\lambda/2$ at design wavelength.
- 10. All surfaces other than Faces 1 and 2 (F1,F2) must be ground fine.

Dimensions are all in mm.

DRAWN/DESIGNED Stephen Holtz		2/16/2015		Harvard Medical School		
REV 02		2/17/2015				
				TITLE Anamorphic Prism (Part of Pair)		
		SIZE	DWG NO			REV
		C	anamorphic_prism			02
		SCALE	5:1	Units	mm	SHEET 1 OF 1