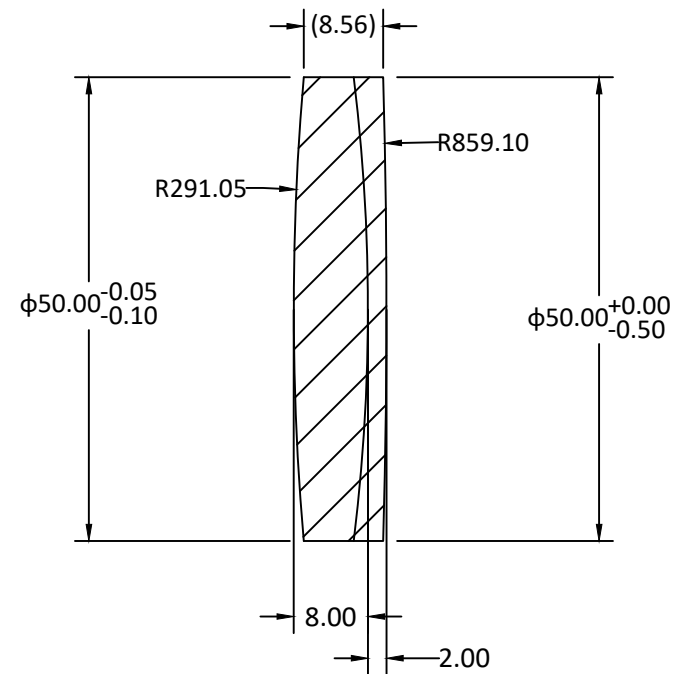
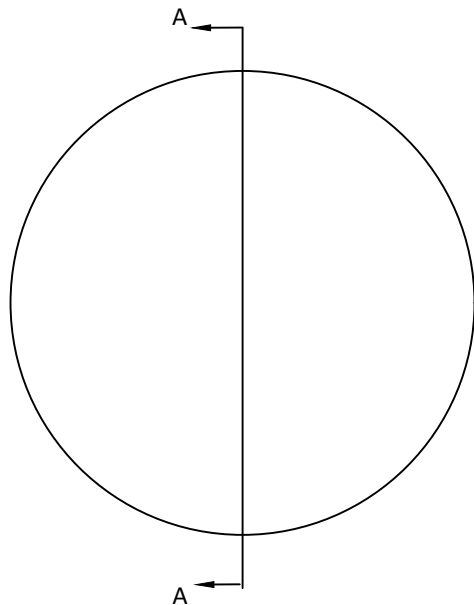


RADIUS	R TOL	POWER	IRRG	CA	DIA	DIA TOL	MATERIAL	INDEX	CT	CT TOL
291.05 CX	±0.58	3	1	90%	50.00	-0.05/-0.10	N-BK7	517-642	8.00	±0.10
203.50	±0.41	3	1	90%	50.00	+0/-0.05	H-F3	617-367	2.00	±0.10
859.10 CX	±1.66	3	1	90%						



SECTION A-A

Notes:

- ALL DIMENSIONS IN MM
- TOLERANCE UNLESS SPECIFIED ± 0.10
- MATERIAL GRADE B, FA PER MIL-G-174, SCHOTT OR EQUIVALENT, RoHS COMPLIANT
- MANUFACTURE PER MIL-PRF-13830
- POLISH TO TESTPLATE WITHIN POWER AND IRREGULARITY INDICATED (FRINGES)
- SURFACE QUALITY : 60-40 SCRATCH-DIG
- CHAMFER EDGES: $0.5 \times 45^\circ$ MAX UNLESS SPECIFIED
- CENTRATION TOLERANCE: 3' MINUTES MAX
- EFL: 500MM $\pm 2\%$
- DESIGN WAVELENGTH: 587.6NM
- COATING: S1 & S3: SINGLE LAYER MGF2@550NM PER MIL-C-675C, MODERATE ABRASION
- CEMENT USUNG NORLAND NOA61 OR EQUIVALENT

UNLESS OTHERWISE SPECIFIED:			NAME	DATE	 OPTICAL MANUFACTURER FROM CHINA		
DIMENSIONS ARE IN mm TOLERANCES: FRACTIONAL ± ANGULAR: ±3 ARC MIN TWO PLACE DECIMAL: ±0.10 THREE PLACE DECIMAL: ±0.05		DRAWN	Sylvia Li	12.10.24	TITLE: DIAMETER 50MM, EFL 500MM, MgF2 COATED, ACHROMAT LENS		
		CHECK					
		ENG APPR.					
		MFG APPR.					
INTERPRET GEOMETRIC TOLERANCING PER:		QA	Ann Chen	12.18.24	SIZE DWG.NO. REV A L-AC0020500050 0		
MATERIAL		COMMENTS					
FINISH							
DO NOT SCALE DRAWING		PROJECT NO.			SCALE: 1:1 WEIGHT:		SHEET 1 OF 1