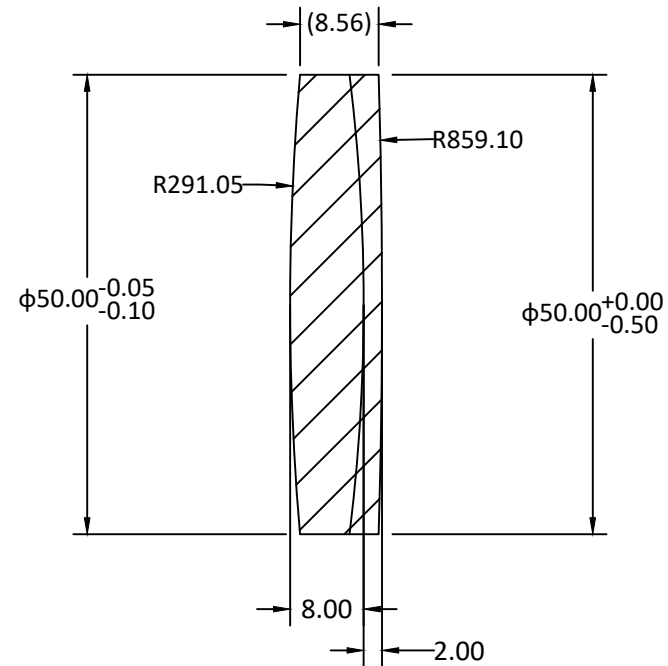
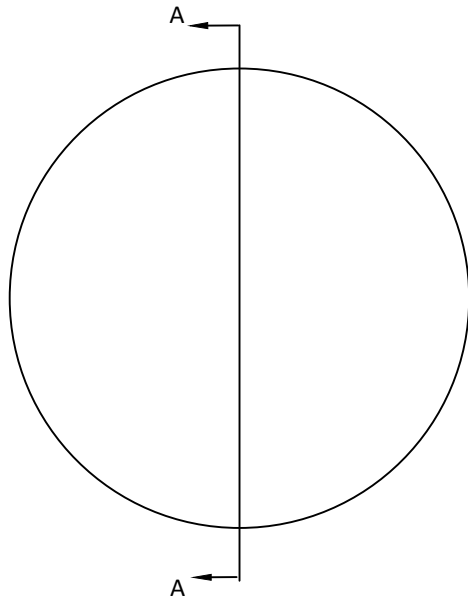


RADIUS	R TOL	POWER	IRRG	CA	DIA	DIA TOL	MATERIAL	INDEX	CT	CT TOL
291.05 CX	±0.58	3	1	90%	50.00	-0.05/-0.10	N-BK7	517-642	8.00	±0.10
203.50	±0.41	3	1	90%	50.00	+0/-0.05	H-F3	617-367	2.00	±0.10
859.10 CX	±1.66	3	1	90%						



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: 0.5×45° MAX UNLESS SPECIFIED
- CENTRATION TOLERANCE: 3' MINUTES MAX
- EFL: 500MM $\pm 2\%$
- DESIGN WAVELENGTH: 587.6NM
- COATING: S1 & S3: $R_{avg} < 0.8\%$ @ 400-950nm @ 0° AOI
- CEMENT USING NORLAND NOA61 OR EQUIVALENT

UNLESS OTHERWISE SPECIFIED:			NAME	DATE	
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	
		CHECK			
		ENG APPR.			
		MFG APPR.			
INTERPRET GEOMETRIC TOLERANCING PER:		QA	Ann Chen	12.18.24	TITLE: DIAMETER 50MM, EFL 500MM, VIS-NIR1 COATED, ACHROMAT LENS
MATERIAL	COMMENTS				
FINISH					
DO NOT SCALE DRAWING					
PROJECT NO.		SCALE: 1:1		WEIGHT:	SHEET 1 OF 1
		SIZE A		DWG.NO. L-AC0040500050	
				REV 0	