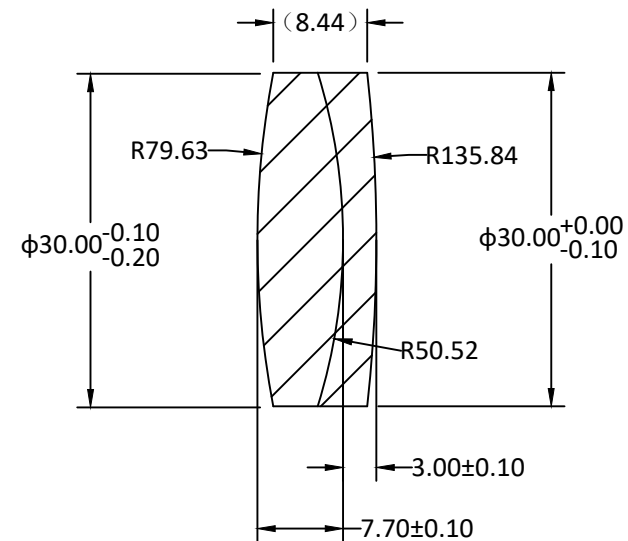
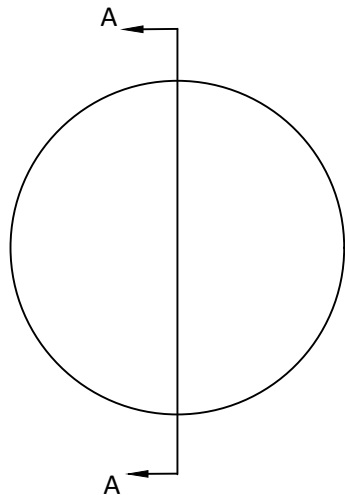


RADIUS	R TOL	POWER	IRRG	CA	DIA	DIA TOL	MATERIAL	INDEX	CT	CT TOL
79.63 CX	±0.16	3	1	90%	30.00	-0.10/-0.20	N-BK7	517-642	7.70	±0.10
50.52	±0.10	3	1	90%	30.00	+0/-0.10	N-SF5	673-322	3.00	±0.10
135.84 CX	±0.27	3	1	90%						



SECTION A-A

Notes:

1. ALL DIMENSIONS IN MM
2. TOLERANCE UNLESS SPECIFIED ± 0.10
3. MATERIAL GRADE B, FA PER MIL-G-174, SCHOTT OR EQUIVALENT, RoHS COMPLIANT
4. MANUFACTURE PER MIL-PRF-13830
5. POLISH TO TESTPLATE WITHIN POWER AND IRREGULARITY INDICATED (FRINGES)
6. SURFACE QUALITY : 60-40 SCRATCH-DIG
7. CHAMFER EDGES: $0.5 \times 45^\circ$ MAX UNLESS SPECIFIED
8. CENTRATION TOLERANCE: 3.0' MINUTES MAX
9. EFL: 120MM $\pm 2\%$
10. DESIGN WAVELENGTH: 587.6NM
11. COATING: S1 & S3: $R_{avg} < 0.8\%$ @ 400-950nm @ 0° AOI
12. CEMENT USING NORLAND NOA61 OR EQUIVALENT

UNLESS OTHERWISE SPECIFIED:		NAME	DATE		
DIMENSIONS ARE IN mm TOLERANCES: FRACTIONAL $\pm$ ANGULAR: ± 3 ARC MIN TWO PLACE DECIMAL: ± 0.10 THREE PLACE DECIMAL: ± 0.05	DRAWN	Sally Song	12.10.24		
	CHECK				
	ENG APPR.				
	MFG APPR.				
INTERPRET GEOMETRIC TOLERANCING PER:	QA	Ann Chen	12.18.24	TITLE: DIAMETER 30MM, EFL 120MM, VIS-NIR1 COATED, ACHROMAT LENS	
MATERIAL	COMMENTS			SIZE	DWG.NO.
FINISH				A	L-AC0040120030
DO NOT SCALE DRAWING	PROJECT NO.			SCALE: 1:1	WEIGHT:
					SHEET 1 OF 1

REV
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