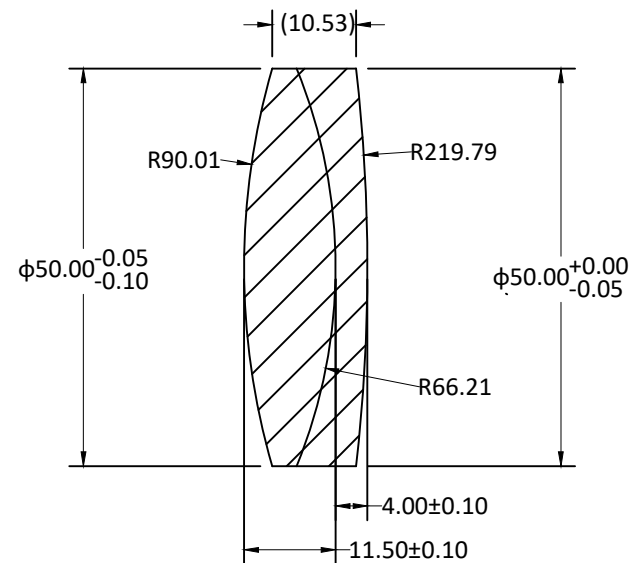
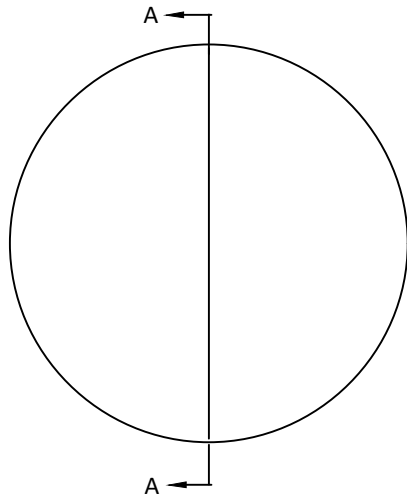


RADIUS	R TOL	POWER	IRRG	CA	DIA	DIA TOL	MATERIAL	INDEX	CT	CT TOL
90.01 CX	±0.18	3	1	90%	50.00	-0.05/-0.10	N-BK7	517-642	11.50	±0.10
66.21	±0.13	3	1	90%	50.00	+0/-0.05	N-SF2	648-338	4.00	±0.10
219.79 CX	±0.44	3	1	90%						



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: 150MM $\pm 2\%$
10. DESIGN WAVELENGTH: 587.6NM
11. COATING: UNCOATED
12. CEMENT USING NORLAND NOA61 OR EQUIVALENT

UNLESS OTHERWISE SPECIFIED:						
DIMENSIONS ARE IN mm TOLERANCES: FRACTIONAL $\pm$ ANGULAR: ± 3 ARC MIN TWO PLACE DECIMAL: ± 0.10 THREE PLACE DECIMAL: ± 0.05	DRAWN					
	CHECK					
	ENG APPR.					
	MFG APPR.					
INTERPRET GEOMETRIC TOLERANCING PER:	QA	Ann Chen	12.18.24	TITLE: DIAMETER 50MM, EFL 150MM, ACHROMAT LENS		
MATERIAL	COMMENTS			SIZE	DWG.NO.	REV
FINISH				A	L-AC0010150050	0
DO NOT SCALE DRAWING	PROJECT NO.			SCALE: 1:1	WEIGHT:	SHEET 1 OF 1