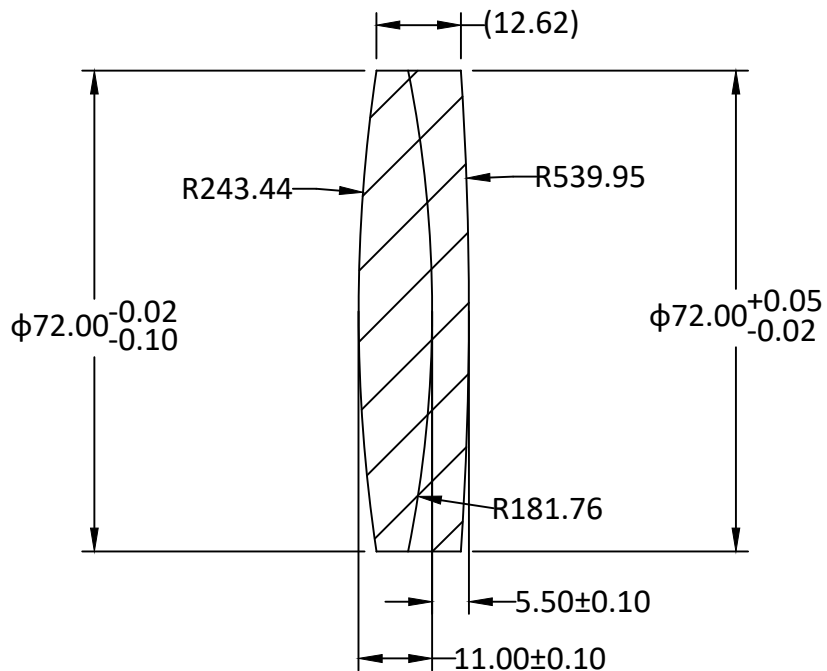
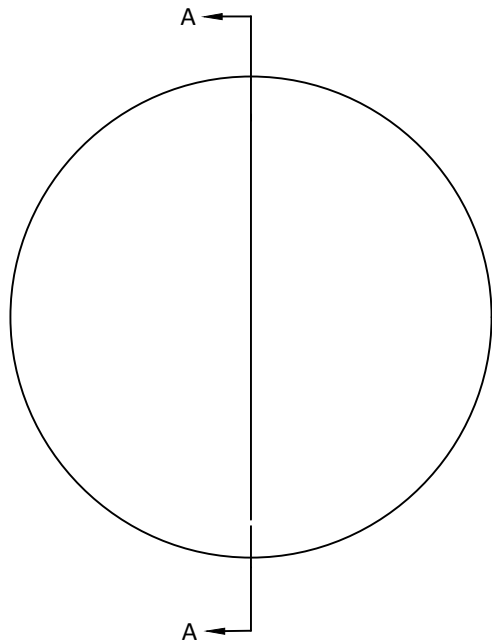


| RADIUS    | R TOL | POWER | IRRG | CA  | DIA   | DIA TOL     | MATERIAL | INDEX   | CT    | CT TOL |
|-----------|-------|-------|------|-----|-------|-------------|----------|---------|-------|--------|
| 243.44 CX | ±0.5% |       | 2    | 95% | 72.00 | -0.02/-0.1  | N-BK7    | 517-642 | 11.00 | ±0.10  |
| 181.76    | ±0.5% |       | 2    | 95% | 72.00 | +0.05/-0.02 | N-SF5    | 673-322 | 5.50  | ±0.10  |
| 539.95 CX | ±0.5% |       | 2    | 95% |       |             |          |         |       |        |



SECTION A-A

Notes:

1. ALL DIMENSIONS IN MM
2. TOLERANCE UNLESS SPECIFIED  $\pm 0.10$
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: 400MM  $\pm 2\%$
10. DESIGN WAVELENGTH: 587.6NM
11. COATING: UNCOATED
12. CEMENT USING NORLAND NOA61 OR EQUIVALENT

|                                                                                                                                      |             |           |            |            |                                                                                                                                    |              |
|--------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------|------------|------------|------------------------------------------------------------------------------------------------------------------------------------|--------------|
|                                                                                                                                      |             |           |            |            |                                                                                                                                    |              |
| UNLESS OTHERWISE SPECIFIED:                                                                                                          |             |           | NAME       | DATE       | <div><div>MANUFACTURER FROM CHINA</div></div> |              |
| DIMENSIONS ARE IN mm<br>TOLERANCES:<br>FRACTIONAL ±<br>ANGULAR: ±3 ARC MIN<br>TWO PLACE DECIMAL: ±0.10<br>THREE PLACE DECIMAL: ±0.05 |             | DRAWN     | Sally Song | 12.16.24   | TITLE:<br><br>DIAMETER 72MM, EFL 400MM, ACHROMAT LENS                                                                              |              |
|                                                                                                                                      |             | CHECK     |            |            |                                                                                                                                    |              |
|                                                                                                                                      |             | ENG APPR. |            |            |                                                                                                                                    |              |
|                                                                                                                                      |             | MFG APPR. |            |            |                                                                                                                                    |              |
| INTERPRET GEOMETRIC<br>TOLERANCING PER:                                                                                              |             | QA        | Ann Chen   | 12.18.24   | SIZE    DWG.NO.    REV<br><div>A    L-AC0010400072    0</div>                                                                      |              |
| MATERIAL                                                                                                                             | COMMENTS    |           |            |            |                                                                                                                                    |              |
| FINISH                                                                                                                               |             |           |            |            |                                                                                                                                    |              |
| DO NOT SCALE DRAWING                                                                                                                 | PROJECT NO. |           |            | SCALE: 1:1 | WEIGHT:                                                                                                                            | SHEET 1 OF 1 |