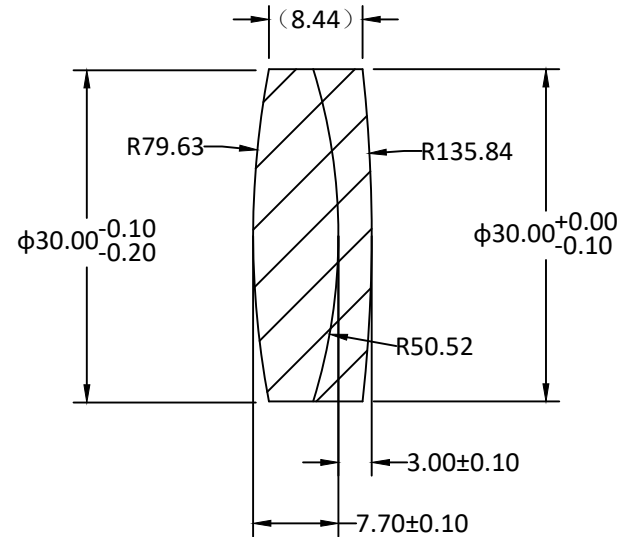
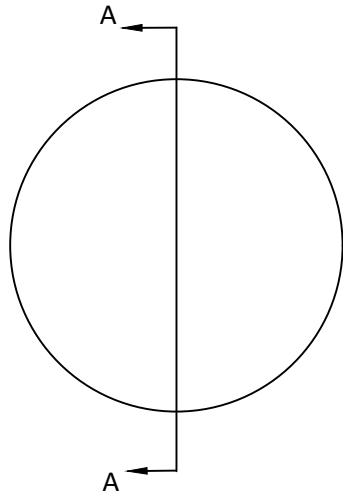


| RADIUS    | R TOL | POWER | IRRG | CA  | DIA   | DIA TOL     | MATERIAL | INDEX   | CT   | CT TOL |
|-----------|-------|-------|------|-----|-------|-------------|----------|---------|------|--------|
| 79.63 CX  | ±0.16 | 3     | 1    | 90% | 30.00 | -0.10/-0.20 | N-BK7    | 517-642 | 7.70 | ±0.10  |
| 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:

- 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: 3.0' MINUTES MAX
- EFL: 120MM ± 2%
- DESIGN WAVELENGTH: 587.6NM
- COATING: S1 & S3: Ravg < 0.35% @ 420-680nm @ 0° AOI
- CEMENT USUNG NORLAND NOA61 OR EQUIVALENT

|                                                                                                                                      |             |           |            |                                                                        |                                                                                                                                             |                 |
|--------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------|------------|------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
|                                                                                                                                      |             |           |            |                                                                        |                                                                                                                                             |                 |
| UNLESS OTHERWISE SPECIFIED:                                                                                                          |             |           | NAME       | DATE                                                                   | <div> <b>OPTICAL</b><br/>MANUFACTURER FROM CHINA</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 | 12.10.24                                                               |                                                                                                                                             |                 |
|                                                                                                                                      |             | CHECK     |            |                                                                        |                                                                                                                                             |                 |
|                                                                                                                                      |             | ENG APPR. |            |                                                                        |                                                                                                                                             |                 |
|                                                                                                                                      |             | MFG APPR. |            |                                                                        |                                                                                                                                             |                 |
| INTERPRET GEOMETRIC<br>TOLERANCING PER:                                                                                              | QA          | Ann Chen  | 12.18.24   | TITLE:<br><br>DIAMETER 30MM, EFL 120MM, VIS 0 COATED,<br>ACHROMAT LENS |                                                                                                                                             |                 |
| MATERIAL                                                                                                                             | COMMENTS    |           |            |                                                                        |                                                                                                                                             |                 |
| FINISH                                                                                                                               |             |           |            |                                                                        |                                                                                                                                             |                 |
| DO NOT SCALE DRAWING                                                                                                                 | PROJECT NO. |           | SCALE: 1:1 | WEIGHT:                                                                | SHEET 1 OF 1                                                                                                                                |                 |
|                                                                                                                                      |             |           |            | SIZE<br><b>A</b>                                                       | DWG.NO.<br><b>L-AC0030120030</b>                                                                                                            | REV<br><b>0</b> |