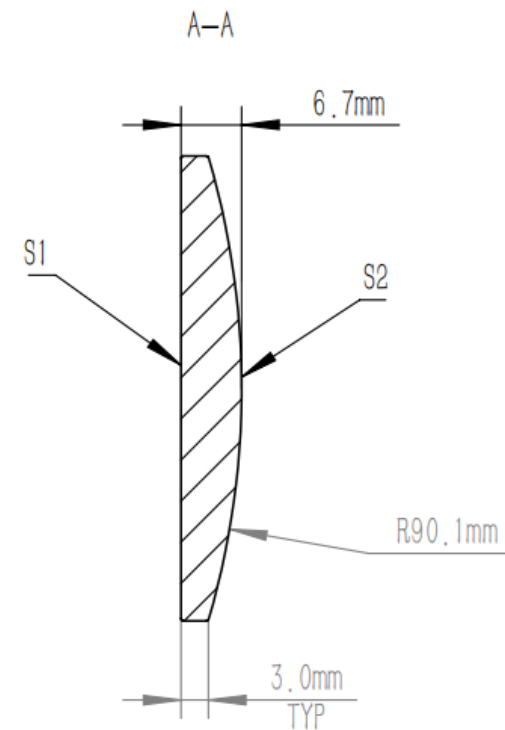
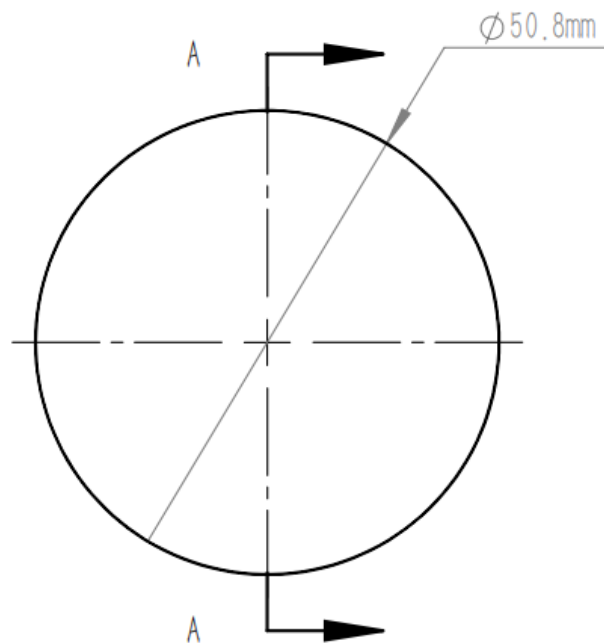




1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 400 nm–700 nm
3. DIAMETER TOLERANCE: +0.0/–0.1 mm
4. THICKNESS TOLERANCE:  $\pm 0.1$  mm
5. FOCAL LENGTH:  $f=175.0$  mm $\pm 1\%$
6. BACK FOCAL LENGTH(REF):  $bf=170.0$  mm
7. CLEAR APERTURE:  $>90\%$ CA
8. SURFACE QUALITY(S/D)(S1.S2): 40/20
9. SURFACE FLATNESS(S1):  $\lambda/2$  @ 632.8 nm
10. SURFACE POWER(S2):  $3\lambda/2$  @ 632.8 nm
11. SURFACE IRREGULARITY(S2):  $\lambda/4$  @ 632.8 nm
12. CENTRATION:  $<3$  arcmin
13. CHAMFER:  $<0.2$  mm,  $45^\circ$
14. COATING(S1,S2): AR COATING  $R_{avg}<0.5\%$  @ 400 nm–700 nm

|                                                                                                          |      |                |                   |  |                   |        |       |     |
|----------------------------------------------------------------------------------------------------------|------|----------------|-------------------|--|-------------------|--------|-------|-----|
| DRAWING PROJECTION  |      |                | OLB-508-175-A     |  | <b>Zolix</b>      |        |       |     |
|                                                                                                          | NAME | DATE           |                   |  |                   |        |       |     |
| DRAWN                                                                                                    | JAC  | 18th/JUL./2025 | PLANO CONVEX LENS |  | MATERIAL          | WEIGHT | SCALE | REV |
| APPROVAL                                                                                                 | OLI  | 18th/JUL./2025 |                   |  | FOLLOW THE PARTS  |        | 5:1   | 1.0 |
| THE DRAWINGS ARE ONLY FOR TYPE SELECTION INFORMATION                                                     |      |                |                   |  | shop.zolix.com.cn |        |       |     |