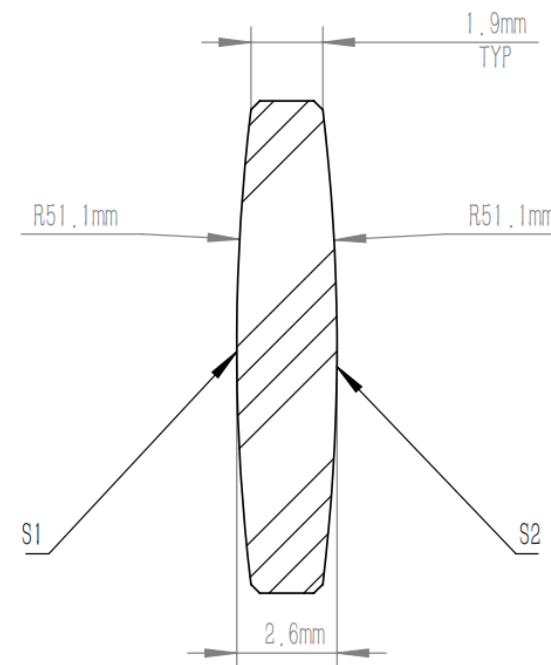
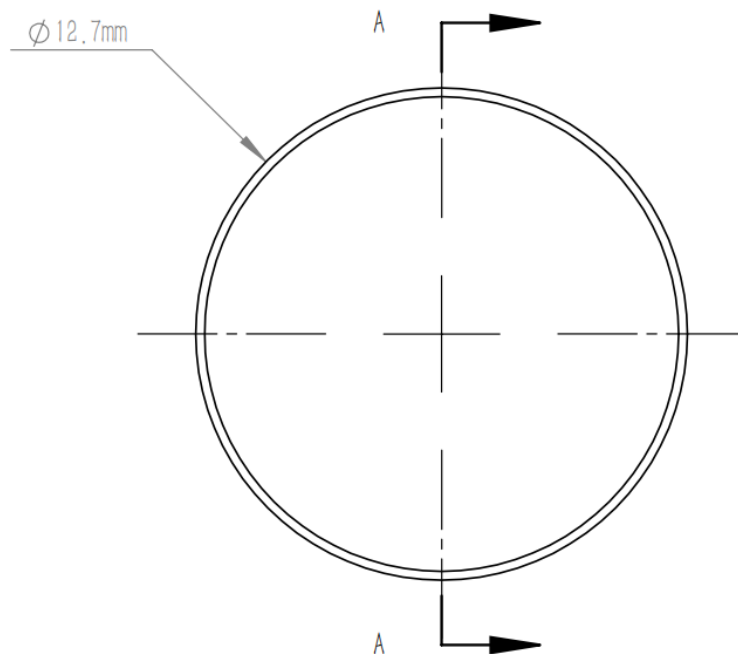




1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 400 nm—700 nm
3. DIAMETER TOLERANCE: $+0.0/-0.1$ mm
4. THICKNESS TOLERANCE: ± 0.1 mm
5. FOCAL LENGTH: $50.0 \text{ mm} \pm 1\%$
6. BACK FOCAL LENGTH(REF): 49.1 mm
7. CLEAR APERTURE: $>90\%CA$
8. SURFACE QUALITY(S/D)(S1,S2): 40/20
9. SURFACE POWER(S2): $3\lambda/2 @ 632.8 \text{ nm}$
10. SURFACE IRREGULARITY(S2): $\lambda/4 @ 632.8 \text{ nm}$
11. CENTRATION: $<3 \text{ arcmin}$
12. CHAMFER: $<0.2 \text{ mm}, 45^\circ$
13. COATING(S1,S2): AR COATING $R_{avg} < 0.5\% @ 400 \text{ nm}—700 \text{ nm}$

DRAWING PROJECTION 			OLA-127-50-A		Zolix			
	NAME	DATE						
DRAWN	JAC	18th/JUL./2025	BI 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					