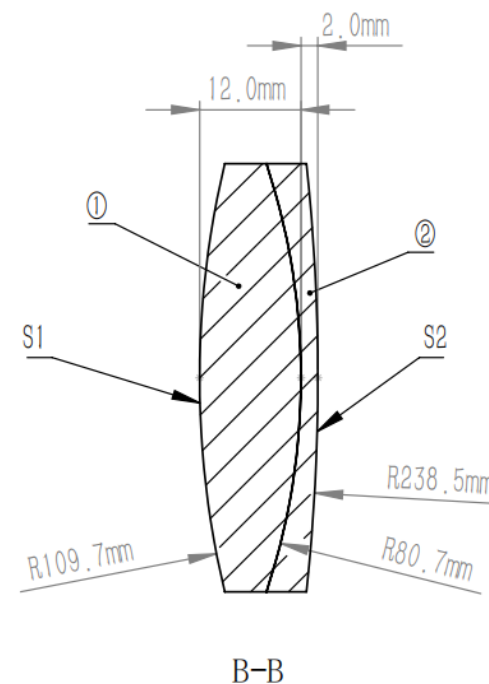
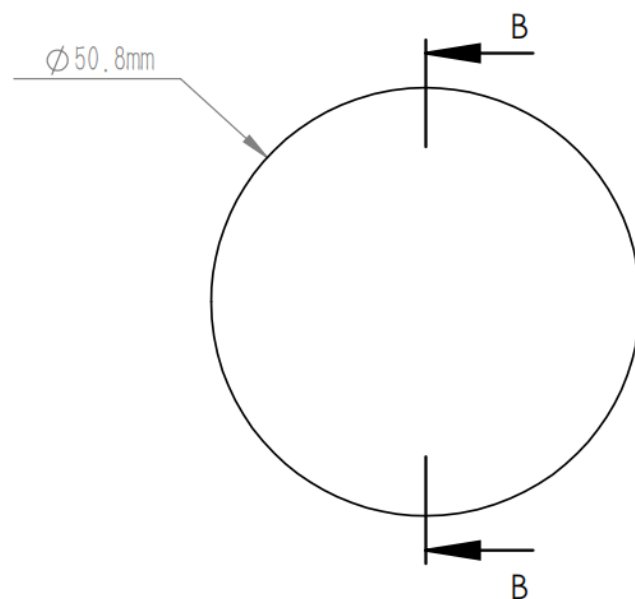




1. DESIGN WAVELENGTH: 486.1 nm, 587.6 nm & 656.3 nm
2. CLEAR APERTURE: >90%CA
3. OPERATION WAVELENGTH: 400 nm—700 nm
4. DIAMETER TOLERANCE: +0.0/-0.1 mm
5. THICKNESS TOLERANCE: ± 0.1 mm
6. FOCAL LENGTH: 180.0 mm $\pm 1\%$ @586.7 nm
7. BACK FOCAL LENGTH(REF): 172.7 mm
8. SURFACE QUALITY(S/D)(S1,S2): 40/20
9. SURFACE POWER(S1,S2): $3\lambda/2$ @632.8 nm
10. SURFACE IRREGULARITY(S1,S2): $\lambda/4$ @632.8 nm
11. CENTRATION: <3 arcmin
12. CHAMFER: <0.2 mm, 45°
13. COATING(S1,S2): AR COATING $R_{avg} < 0.5\%$ @400 nm—700 nm

DRAWING PROJECTION 			ZAC508-180-A		Zolix			
	NAME	DATE						
DRAWN	JAC	18th/JUL./2025	ACHROMATIC DOUBLET		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					