



1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 700 nm–1100 nm
3. DIAMETER TOLERANCE: +0.0/−0.1 mm
4. THICKNESS TOLERANCE: ±0.1 mm
5. FOCAL LENGTH:  $f=100.0 \text{ mm} \pm 1\%$
6. BACK FOCAL LENGTH(REF):  $bf=93.3 \text{ mm}$
7. CLEAR APERTURE: >90%CA
8. SURFACE QUALITY(S/D)(S1,S2): 40/20
9. SURFACE FLATNESS(S1):  $\lambda/2 @ 632.8 \text{ nm}$
10. SURFACE POWER(S2):  $3\lambda/2 @ 632.8 \text{ nm}$
11. SURFACE IRREGULARITY(S2):  $\lambda/4 @ 632.8 \text{ nm}$
12. CENTRATION: <3 arcmin
13. CHAMFER: <0.2 mm, 45°
14. COATING(S1,S2): AR COATING  $R_{avg} < 0.5\% @ 700 \text{ nm} - 1100 \text{ nm}$

DRAWING PROJECTION				0LB-508-100-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					