



1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 350 nm–2.0  $\mu$ m
3. DIAMETER TOLERANCE: +0.0/-0.1 mm
4. THICKNESS TOLERANCE:  $\pm 0.1$  mm
5. FOCAL LENGTH:  $f=500.0$  mm  $\pm 1\%$
6. BACK FOCAL LENGTH(REF):  $bf=495.5$  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): UNCOATED

DRAWING PROJECTION			0LB-508-500		<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			