



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:  $f=50.0$  mm  $\pm 1\%$
6. BACK FOCAL LENGTH(REF):  $bf=48.1$  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				0LB-127-50-A					
	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			