



NOTES

1. DESIGN WAVELENGTH: 633 nm
2. OPERATION WAVELENGTH: 350 nm-2.0  $\mu\text{m}$
3. CLEAR APERTURE: >90%
4. DIAMETER TOLERANCE:  $\pm 0.3\text{ mm}$
5. THICKNESS TOLERANCE:  $\pm 0.15\text{ mm}$
6. COATING(S1,S2): UNCOATED
7. EXIT ANGLE:  $6^\circ \pm 5\text{ arcmin}$
8. WEDGE ANGLE TOLERANCE:  $\pm 30\text{ arcsec}$
9. SURFACE FLATNESS(S1,S2):  $\lambda / 10 @ 633\text{ nm}$
10. SURFACE QUALITY(S1,S2): 40/20(S/D)
11. OTHER SURFACES: FINE GROUND
12. CHAMFER:  $< 0.25\text{ mm}, 45^\circ$

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE	CWP12			
DRAWN	LZHOU	Aug./12th/24	WEDGE PRISM $\varnothing 25.4\text{ mm}, 6^\circ$ DEFLECTION ANGLE, UNCOATED			
APPROVAL	WCHENG	Aug./12th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N-BK7	7.06 g	2:1	B