



NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 1100 nm-1650 nm
3. DIAMETER TOLERANCE: +0.0/-0.1 mm
4. THICKNESS TOLERANCE: ±0.1 mm
5. FOCAL LENGTH: 50.0 mm±1%
6. BACK FOCAL LENGTH(REF): 46.4 mm
7. CLEAR APERTURE: >90%CA
8. SURFACE QUALITY(S/D)(S1,S2): 20/10
9. SURFACE POWER(S1S2): $3\lambda/2 @ 632.8 \text{ nm}$
10. SURFACE IRREGULARITY(S1S2): $\lambda/4 @ 632.8 \text{ nm}$
11. CENTRATION: <3 arcmin
12. CHAMFER: <0.2 mm, 45°
13. COATING(S1,S2): AR COATING $R_{avg} \leq 0.5\% @ 1100 \text{ nm}-1650 \text{ nm}$

DRAWING PROJECTION			LBTEK			
	NAME	DATE				
DRAWN	BSHU	JUL./29th/24	$\phi 25.4 \text{ mm}, f=50 \text{ mm}$ BEST FORM LENS AR COATING 1100-1650 nm			
APPROVAL	WCHENG	JUL./29th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N-BK7	6.03g	2:1	A