



NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. CLEAR APERTURE: >90%CA
3. OPERATION WAVELENGTH: 400 nm-700 nm
4. DIAMETER TOLERANCE: +0.0/0.1 mm
5. THICKNESS TOLERANCE: ±0.1 mm
6. FOCAL LENGTH: 100.0 mm±1%
7. BACK FOCAL LENGTH(REF): 96.5 mm
8. SURFACE QUALITY(S/D) (S1,S2) : 40/20
9. SURFACE POWER (S1,S2) :  $3\lambda/2 @ 632.8 \text{ nm}$
10. SURFACE IRREGULARITY (S1,S2) :  $\lambda/4 @ 632.8 \text{ nm}$
11. CENTRATION: <3 arcmin
12. CHAMFER: <0.2 mm, 45°
13. COATING (S1, S2) : AR COATING  $R_{avg} < 0.5\% @ 400 \text{ nm}-700 \text{ nm}$

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE	BCX10813-A			
DRAWN	BSHU	JUL./29th/24	$\phi 25.4 \text{ mm}, f=100.0 \text{ mm}$ BI-CONVEX LENS AR COATING 400 nm-700 nm			
APPROVAL	WCHENG	JUL./29th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N-BK7	30.93g	10:1	A