



NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 400 nm-700 nm
3. DIAMETER TOLERANCE: $+0.0/-0.1$ mm
4. THICKNESS TOLERANCE: ± 0.1 mm
5. FOCAL LENGTH: $35.0 \text{ mm} \pm 1\%$
6. BACK FOCAL LENGTH(REF): 32.7 mm
7. CLEAR APERTURE: $>90\%$ CA
8. SURFACE QUALITY(S/D)(S1, S2): 40/20
9. SURFACE POWER(S2): $3 \lambda / 2 @ 632.8 \text{ nm}$
10. SURFACE IRREGULARITY(S2): $\lambda / 4 @ 632.8 \text{ nm}$
11. CENTRATION: <3 arcmin
12. CHAMFER: $<0.2 \text{ mm}, 45^\circ$
13. COATING(S1, S2): AR COATING $R_{\text{avg}} < 0.5\% @ 400 \text{ nm}-700 \text{ nm}$

DRAWING PROJECTION			LBTEK			
	NAME	DATE	BCX10608-A			
DRAWN	BSHU	JUL./29th/24	$\phi 25.4 \text{ mm}, F=35.0 \text{ mm}$ BI-CONVEX LENS AR COATING 400-700nm			
APPROVAL	WCHENG	JUL./29th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N-BK7	5.46g	10:1	A