



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: $f=50.0 \text{ mm} \pm 1\%$
6. BACK FOCAL LENGTH(REF): $bf=45.0 \text{ mm}$
7. CLEAR APERTURE: >90%CA
8. SURFACE QUALITY(S/D) (S1,S2) : 40/20
9. SURFACE FLATNESS (S1) : $\lambda/2 @ 632.8 \text{ nm}$
10. SURFACE POWER (S2) : $3\lambda/2 @ 632.8 \text{ nm}$
11. SURFACE IRREGULARITY (S2) : $\lambda/4 @ 632.8 \text{ nm}$
12. CENTRATION: <3 arcmin
13. CHAMFER: <0.2 mm, 45°
14. COATING (S1, S2) : AR COATING $R_{avg} < 0.5\% @ 400 \text{ nm}-700 \text{ nm}$

DRAWING PROJECTION			LBTEK			
	NAME	DATE	CX10710-A			
DRAWN	BSHU	JUL./24th/24	$\phi 30.0 \text{ mm}, f=50.0 \text{ mm}$ PLANO CONVEX LENS AR COATING 400 nm-700 nm			
APPROVAL	WCHENG	JUL./24th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N-BK7	8.59g	10:1	A