



NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 350 nm–700 nm
3. DIAMETER TOLERANCE: +0.0/–0.1 mm
4. THICKNESS TOLERANCE: ± 0.1 mm
5. FOCAL LENGTH: $f=35.1$ mm $\pm 1\%$
6. BACK FOCAL LENGTH(REF): $bf=29.5$ mm
7. CLEAR APERTURE: $>90\%CA$
8. SURFACE QUALITY(S/D)(S1,S2): 40/20
9. SURFACE FLATNESS(S1): $\lambda/2$ @ 632.8 nm
10. SURFACE POWER(S2): $3\lambda/2$ @ 632.8 nm
11. SURFACE IRREGULARITY(S2): $\lambda/4$ @ 632.8 nm
12. CENTRATION: <3 arcmin
13. CHAMFER: <0.2 mm, 45°
14. COATING(S1,S2): AR COATING $R_{avg} <0.5\%$ @ 350 nm–700 nm

DRAWING PROJECTION			LBTEK			
	NAME	DATE	CX20608–A			
DRAWN	SHAN	JUN./24th/25	$\phi 25.4$ mm, $f=35.1$ mm PLANO CONVEX LENS AR COATING 350–700 nm			
APPROVAL	WCHENG	JUN./24th/25	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			UVFS	6.60g	2:1	B