



NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 190 nm–2.1 μm
3. DIAMETER TOLERANCE: +0.0/-0.1 mm
4. THICKNESS TOLERANCE: $\pm 0.1\text{mm}$
5. FOCAL LENGTH: $f=40.1\text{mm}\pm 1\%$
6. BACK FOCAL LENGTH(REF): $bf=35.3\text{mm}$
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: $<3\text{ arcmin}$
13. CHAMFER: $<0.2\text{mm}, 45^\circ$
14. COATING(S1,S2): UNCOATED

DRAWING PROJECTION			LBTEK			
	NAME	DATE	CX20609			
DRAWN	SHAN	JUN./24th/25	$\phi 25.4\text{mm}, f=40.1\text{mm}$ PLANO CONVEX LENS UNCOATED			
APPROVAL	WCHENG	JUN./24th/25	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			UVFS	5.78 g	2:1	B