



NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 1050 nm-1700 nm
3. FOCAL LENGTH: $f=125.4 \text{ mm} \pm 1\%$
4. BACK FOCAL LENGTH(REF): $bf=123.1 \text{ mm}$
5. CLEAR APERTURE: $>90\%CA$
6. SURFACE QUALITY(S/D)(S1,S2): 40/20
7. SURFACE FLATNESS(S1): $\lambda/2 @ 632.8 \text{ nm}$
8. SURFACE POWER(S2): $3\lambda/2 @ 632.8 \text{ nm}$
9. SURFACE IRREGULARITY(S2): $\lambda/4 @ 632.8 \text{ nm}$
10. CENTRATION: $<3 \text{ arcmin}$
11. CHAMFER: $<0.2 \text{ mm}, 45^\circ$
12. COATING(S1,S2): $R_{avg} < 0.5\% @ 1050-1700 \text{ nm}, 6^\circ \text{ AOI}, \text{ Single Surface}$

DRAWING PROJECTION			LBTEK			
	NAME	DATE	CX20614-C			
DRAWN	SHAN	DEC./1st/25	PLANO CONVEX LENS			
APPROVAL	WCHENG	DEC./1st/25	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			UVFS	3.35 g	2:1	A