



NOTES:

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 245-400 nm
3. DIAMETER TOLERANCE: +0.0/-0.1 mm
4. THKKNES TOLERANCE: ±0.1 mm
5. FOCAL LENGTH: f=500.0 mm±1%
6. BACK FOCAL LENGTH(REF): bf=498.7 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 RREGULARITY(S2): $\lambda/4 @ 632.8 \text{ nm}$
12. CENTRATION: <3 arcmin
13. CHAMFER: <0.2 mm, 45°
14. AR COATING(S1,S2): $R_{avg} < 0.5\% @ 245-400 \text{ nm}$ (6° AOI, single)

DRAWING PROJECTION			LBTEK			
	NAME	DATE	CX20821-UV			
DRAWN	AGAO	MAY./26th/25	PLANO CONVEX LENS			
APPROVAL	SHAN	MAY./26th/25	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			UVFS	16.49 g	2:1	A