



NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 400 nm–1100 nm
3. DIAMETER TOLERANCE: +0.0/-0.1mm
4. THICKNESS TOLERANCE: ±0.1mm
5. FOCAL LENGTH:  $f=501.8\text{mm} \pm 1\%$
6. BACK FOCAL LENGTH(REF):  $bf=500.2\text{mm}$
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: <3arcmin
13. CHAMFER: <0.2 mm, 45°
14. COATING(S1, S2): AR COATING  $R_{avg} < 1\% @ 400\text{nm} - 1100\text{nm}$

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE				
DRAWN	BSHU	Feb. /3rd/24	PLANO CONVEX LENS AR COATING 400–1100 nm			
APPROVAL	WCHENG	Feb. /3rd/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			UVFS	2.68 g	2:1	A