



#### NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 633 nm
3. DIAMETER TOLERANCE:  $+0.0/-0.1\text{mm}$
4. THICKNESS TOLERANCE:  $\pm 0.1\text{mm}$
5. FOCAL LENGTH:  $f=75.0\text{mm} \pm 1\%$
6. BACK FOCAL LENGTH(REF):  $bf=72.0\text{mm}$
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): AR COATING  $R_{\text{avg}} < 0.25\% @ 633\text{nm}$

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE				
DRAWN	BSHU	Feb./3rd/24	PLANO CONVEX LENS AR COATING 633 nm			
APPROVAL	WCHENG	Feb./3rd/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N-BK7	3.75 g	2:1	A