



NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. CLEAR APERTURE:  $>90\%CA$
3. OPERATION WAVELENGTH: 400 nm-700 nm
4. DIAMETER TOLERANCE:  $+0.0/0.1\text{ mm}$
5. THICKNESS TOLERANCE:  $\pm 0.1\text{ mm}$
6. FOCAL LENGTH:  $75.0\text{ mm} \pm 1\%$
7. BACK FOCAL LENGTH(REF): 77.7 mm
8. SURFACE QUALITY(S/D) (S1,S2) : 40/20
9. SURFACE POWER (S1,S2) :  $3\lambda/2 @ 632.8\text{ nm}$
10. SURFACE IRREGULARITY (S1,S2) :  $\lambda/4 @ 632.8\text{ nm}$
11. CENTRATION:  $<3\text{ arcmin}$
12. CHAMFER:  $<0.2\text{ mm}, 45^\circ$
13. COATING (S1, S2) : AR COATING  $R_{avg} < 0.5\% @ 400\text{ nm}-700\text{ nm}$

DRAWING PROJECTION			<b>LBTEK</b>			
NAME		DATE				
DRAWN	BSHU	JUL./29th/24	$\phi 25.4\text{ mm}, f=75.0\text{ mm}$ BI-CONVEX LENS AR COATING 400 nm-700 nm			
APPROVAL	WCHENG	JUL./29th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N-BK7	36.91 g	10:1	A