



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 mm
5. THICKNESS TOLERANCE: ±0.1 mm
6. FOCAL LENGTH: 175.0 mm±1%
7. BACK FOCAL LENGTH(REF): 172.2 mm
8. SURFACE QUALITY(S/D) (S1,S2) : 40/20
9. SURFACE POWER (S1,S2) : $3\lambda/2$ @ 632.8 nm
10. SURFACE IRREGULARITY (S1,S2) : $\lambda/4$ @ 632.8 nm
11. CENTRATION: <3 arcmin
12. CHAMFER: <0.2 mm, 45°
13. COATING (S1, S2) : AR COATING R_{avg} <0.5%@400 nm-700 nm

DRAWING PROJECTION			LBTEK			
	NAME	DATE				
DRAWN	BSHU	JUL./29th/24	ϕ 25.4 mm, f=175.0 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	23.80g	10:1	A