



NOTES

1. MATERIAL: N-BK7
2. DESIGN WAVELENGTH: 587.6 nm
3. WORKING WAVELENGTH: 400 nm-700 nm
4. FOCAL LENGTH: 100.0 mm
5. FOCAL LENGTH TOLERANCE(REF): $\pm 1\%$
6. BACK FOCAL LENGTH(REF): bf=96.6 mm
7. CLEAR APERTURE: $>90\%$ OF SURFACE LENGTH AND HEIGHT
8. DIAMETER TOLERANCE: $+0.0/-0.1$ mm
9. THICKNESS TOLERANCE: ± 0.2 mm
10. CHAMFER: 0.2 mm, 45°
11. SURFACE QUALITY: 60/40 SCRATCH/DIG
12. SURFACE FLATNESS(S1): $\lambda/2$
13. SURFACE POWER(S2): $3\lambda/2$
14. SURFACE IRREGULARITY(S2): $\lambda(S2 H), \lambda(S2 L)$
15. CENTRATION: ≤ 5 arcmin
16. AR COATING: $R_{avg} < 0.5\%$ @400 nm-700 nm, 6° AOI

DRAWING PROJECTION			LBTEK				
		NAME	DATE	CY108114-A			
DRAWN	BSHU	JUL./29th/24		H x L = 30.0 mm x 32.0 mm, f = 100.0 mm PLANO CONVEX CYLINDRICAL LENS AR COATING 400-700 nm			
APPROVAL	WCHENG	JUL./29th/24		MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES				N-BK7	10.50g	10:1	B