



NOTES

1. MATERIAL: N-BK7
2. DESIGN WAVELENGTH: 587.6 nm
3. WORKING WAVELENGTH: 350 nm-2000 nm
4. FOCAL LENGTH: -7.7 mm
5. FOCAL LENGTH TOLERANCE(REF): $\pm 1\%$
6. BACK FOCAL LENGTH(REF): $bf = -9.0$ 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): λ (S2 H), λ (S2 L)
15. CENTRATION: ≤ 5 arcmin
16. AR COATING: UNCOATED

DRAWING PROJECTION			LBTEK			
	NAME	DATE	NCY103205			
DRAWN	BSHU	JUL./29th/24	<small>H x L = 7.0 mm x 14.0 mm, f = -7.7 mm PLANO CONCAVE CYLINDRICAL LENS UNCOATED</small>			
APPROVAL	WCHENG	JUL./29th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N-BK7	0.62g	10:1	C