



NOTES

1. DESIGN WAVELENGTH: 486.1 nm, 587.6 nm & 656.3 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: 50.0 mm $\pm 1\%$ @ 587.6 nm
7. BACK FOCAL LENGTH(REF): 47.2 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

	MATERIAL
①	N-BK7
②	SF2

DRAWING PROJECTION		LBTEK				
		NAME	DATE	AD306-A		
DRAWN	BSHU	Aug./1st/24	$\phi 12.7$ mm, $F=50.0$ mm ACHROMATIC DOUBLETS AR COATING 400–700 nm			
APPROVAL	WCHENG	Aug./1st/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N-BK7/SF2	4.44g	10:1	A