



剖面 A-A

NOTES:

1. DESIGN WAVELENGTH: 488 nm, 707 nm&1064 nm
2. CLEAR APERTURE:  $>90\%$  CA
3. OPERATION WAVELENGTH: 400 nm-1100 nm
4. DIAMETER TOLERANCE:  $+0.0/-0.1$  mm
5. THICKNESS TOLERANCE:  $\pm 0.1$  mm
6. FOCAL LENGTH:  $30.0\text{ mm} \pm 1\% @ 707\text{ nm}$
7. BACK FOCAL LENGTH: 27.16 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:  $<3$  arcmin
12. CHAMFER:  $<0.2$  mm,  $45^\circ$
13. AR COATING (S1,S2) :  $R_{\text{avg}} < 1\% @ 400\text{ nm}-1100\text{ nm}$ ,  $0^\circ$  AOI

	MATERIAL
①	N-BK7
②	N-SF2

DRAWING PROJECTION				<h1 style="color: red; margin: 0;">LBTEK</h1>			
	NAME	DATE	AD305-AB				
DRAWN	SHAN	SEP./9th/24	ACHROMATIC DOUBLETS				
APPROVAL	WCHENG	SEP./9th/24	MATERIAL	WEIGHT	SCALE	REV	
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N-BK7/N-SF2	1.37g	5:1	A	