



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:  $\pm 0.1$  mm
6. FOCAL LENGTH:  $100.0$  mm  $\pm 1\%$ @586.7 nm
7. BACK FOCAL LENGTH(REF): 96.3 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,  $45^\circ$
13. COATING(S1,S2): AR COATING  $R_{avg} < 0.5\%$ @400 nm–700 nm

	MATERIAL
①	N-BAF10
②	N-SF6HT

DRAWING PROJECTION				<b>LBTEK</b>			
	NAME	DATE	AD1108-A				
DRAWN	BSHU	Aug./1st/24	$\phi 30.0$ mm, $F=100.0$ 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-BAF10/N-SF6HT	4.24g	1:1	A	