



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: 180.0 mm ±1%@586.7 nm
7. BACK FOCAL LENGTH(REF): 172.7 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	SF5

DRAWING PROJECTION			LBTEK			
	NAME	DATE	AD511-A			
DRAWN	BSHU	Aug./1st/24	$\phi 50.8$ mm, F=180.0 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/N-SF5	24.00g	1:1	A