



NOTES

1. DESIGN WAVELENGTH: 706.5 nm, 855.0 nm & 1015.0 nm
2. CLEAR APERTURE: >90 %CA
3. OPERATION WAVELENGTH: 650 nm-1050 nm
4. FOCAL LENGTH: $15.0\text{mm} \pm 1\% @ 855.0\text{nm}$
5. BACK FOCAL LENGTH (REF) : 13.0 mm
6. SURFACE QUALITY (S/D) : 40/20
7. SURFACE POWER (S1, S2) : $3\lambda/2 @ 632.8\text{nm}$
8. SURFACE IRREGULARITY (S1, S2) : $\lambda/4 @ 632.8\text{nm}$
9. CENTRATION: <3 arcmin
10. CHAMFER: <0.2 mm, 45°
11. AR COATING (S1, S2) : $R_{\text{avg}} < 0.5\% @ 650\text{nm}-1050\text{nm}$

	MATERIAL
①	N-LAK22
②	N-SF6HT

DRAWING PROJECTION			LBTEK			
	NAME	DATE				
DRAWN	SHAN	SEP./12th/25	ACHROMATIC DOUBLETS			
APPROVAL	WCHENG	SEP./12th/25	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N-LAK22/N-SF6HT	0.27g	10:1	A