



NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 350 nm-2.0 μ m
3. DIAMETER TOLERANCE: +0.0/-0.1 mm
4. THICKNESS TOLERANCE: ± 0.1 mm
5. FOCAL LENGTH: $f=75.0$ mm $\pm 1\%$
6. BACK FOCAL LENGTH(REF): $bf=72.0$ mm
7. CLEAR APERTURE: $>90\%$ CA
8. SURFACE QUALITY(S/D)(S1.S2): 40/20
9. SURFACE FLATNESS(S1): $\lambda/2 @ 632.8$ nm
10. SURFACE POWER(S2): $3\lambda/2 @ 632.8$ nm
11. SURFACE IRREGULARITY(S2): $\lambda/4 @ 632.8$ nm
12. CENTRATION: <3 arcmin
13. CHAMFER: <0.2 mm, 45°
14. COATING(S1,S2): UNCOATED

	PARTDESCRIPTION	MATERIAL
①	SM1-8A	ANODIZED ALUMINIUM
②	CX106112	N-BK7
③	SM1R	ANODIZED ALUMINIUM

DRAWING PROJECTION				LBTEK			
				MCX10612			
DRAWN		BSHU		DATE		Aug./5th/24	
APPROVAL		WCHENG		DATE		Aug./5th/24	
				$\phi 25.4$ mm, $f=75$ mm PLANO CONVEX LENS UNCOATED			
				MATERIAL		WEIGHT	
				SCALE		REV	
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES				N-BK7		19.06g	
				2:1		B	