



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: $f=150.0$ mm $\pm 1\%$
6. BACK FOCAL LENGTH(REF): $bf=144.7$ 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

	PART DESCRIPTION	MATERIAL
①	SM2-8A	ANODIZED ALUMINIUM
②	CX10815	N-BK7
③	SM2R	ANODIZED ALUMINIUM

DRAWING PROJECTION				LBTEK			
	NAME	DATE	MCX10815				
DRAWN	BSHU	Aug./5th/24	$\phi 50.8$ mm, $f=150$ mm PLANO CONVEX LENS UNCOATED				
APPROVAL	WCHENG	Aug./5th/24	MATERIAL	WEIGHT	SCALE	REV	
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N-BK7	35.42g	2:1	B	