



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: \pm 0.1 mm
5. FOCAL LENGTH: 175.0 mm \pm 1%
6. BACK FOCAL LENGTH(REF): 174.0 mm
7. CLEAR APERTURE: >90%CA
8. SURFACE QUALITY(S/D)(S1,S2): 40/20
9. SURFACE POWER(S2): $3 \lambda / 2 @ 632.8$ nm
10. SURFACE IRREGULARITY(S2): $\lambda / 4 @ 632.8$ nm
11. CENTRATION: <3 arcmin
12. CHAMFER: <0.2 mm, 45°
13. COATING(S1,S2): UNCOATED

	PART DESCRIPTION	MATERIAL
1	SM1-8A	ANODIZED ALUMINIUM
2	BCX10616	N-BK7
3	SM1R	ANODIZED ALUMINIUM

DRAWING PROJECTION							
		NAME		DATE		MBCX10616	
DRAWN		BSHU		Aug./19th/24		ϕ 25.4 mm, F=175.0 mm BI-CONVEX LENS UNCOATED	
APPROVAL		WCHENG		Aug./19th/24		MATERIAL WEIGHT SCALE REV N-BK7 20.92g 2:1 B	
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES							