



NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 350 nm-2.0  $\mu$ m
3. DIAMETER TOLERANCE: +0.0/-0.1 mm
4. THICKNESS TOLERANCE:  $\pm 0.1$  mm
5. FOCAL LENGTH:  $f=400.0$  mm $\pm 1\%$
6. BACK FOCAL LENGTH(REF):  $bf=395.7$  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,  $45^\circ$
14. COATING(S1,S2): UNCOATED

	PART DESCRIPTION	MATERIAL
①	SM2-8A	ANODIZED ALUMINIUM
②	CX10820	N-BK7
③	SM2R	ANODIZED ALUMINIUM

DRAWING PROJECTION				<b>LBTEK</b>					
		NAME		DATE		MCX10820			
DRAWN		BSHU		Aug./5th/24		$\phi 50.8$ mm, $f=400$ mm PLANO CONVEX LENS UNCOATED			
APPROVAL		WCHENG		Aug./5th/24		MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES						N-BK7	28.41g	2:1	B