



NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 190 nm-2.1 μm
3. DIAMETER TOLERANCE: +0.0/-0.1 mm
4. THICKNESS TOLERANCE: ±0.1 mm
5. FOCAL LENGTH:  $f=175.6 \text{ mm} \pm 1\%$
6. BACK FOCAL LENGTH(REF):  $bf=173.6 \text{ mm}$
7. CLEAR APERTURE: >90%CA
8. SURFACE QUALITY(S/D)(S1, S2): 40/20
9. SURFACE FLATNESS(S1):  $\lambda/2 @ 632.8 \text{ nm}$
10. SURFACE POWER(S2):  $3 \lambda/2 @ 632.8 \text{ nm}$
11. SURFACE IRREGULARITY(S2):  $\lambda/4 @ 632.8 \text{ nm}$
12. CENTRATION: <3 arcmin
13. CHAMFER: <0.2 mm, 45°
14. COATING(S1, S2): UNCOATED

	PART DESCRIPTION	MATERIAL
①	SM1-8A	ANODIZED ALUMINIUM
②	CX20616	UVFS
③	SM1R	ANODIZED ALUMINIUM

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE	MCX20616			
DRAWN	BSHU	JUN./24th/25	$\phi 25.4 \text{ mm}, f=175.6 \text{ mm}$ PLANO CONVEX LENS UNCOATED			
APPROVAL	WCHENG	JUN./24th/25	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			UVFS	19.04g	2:1	C