



NOTES:

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 245-400 nm
3. DIAMETER TOLERANCE:  $+0.0/-0.1\text{ mm}$
4. THICKNESS TOLERANCE:  $\pm 0.1\text{ mm}$
5. FOCAL LENGTH:  $f=60.0\text{ mm} \pm 1\%$
6. BACK FOCAL LENGTH(REF):  $bf=46.6\text{ mm}$
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 REGULARITY(S2):  $\lambda/4 @ 632.8\text{ nm}$
12. CENTRATION:  $<3\text{ arcmin}$
13. CHAMFER:  $<0.2\text{mm}, 45^\circ$
14. AR COATING(S1,S2):  $R_{avg} < 0.5\% @ 245-400\text{ nm}$  ( $6^\circ$  AOI, single)

	PART DESCRIPTION	MATERIAL
①	SM2-25A	ANODIZED ALUMINIUM
②	CX20811-UV	UVFS
③	SM2R	ANODIZED ALUMINIUM

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE	MCX20811-UV			
DRAWN	AGAO	MAY./26th/25	PLANO CONVEX LENS			
APPROVAL	SHAN	MAY./26th/25	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N/A	141.47g	1:1	A