



NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 200 nm-8000 nm
3. DIAMETER TOLERANCE: +0.0/-0.1 mm
4. THICKNESS TOLERANCE: ±0.1 mm
5. FOCAL LENGTH: $f = -30.0 \text{ mm} \pm 1\%$
6. BACK FOCAL LENGTH: $bf = -30.9 \text{ mm}$
7. CLEAR APERTURE: $>90\%CA$
8. SURFACE QUALITY(S/D)(S1, S2): 40/20
9. SURFACE POWER(S1, S2): $3\lambda/2 @ 632.8 \text{ nm}$
10. SURFACE IRREGULARITY(S1, S2): $\lambda/4 @ 632.8 \text{ nm}$
11. CENTRATION: $<3 \text{ arcmin}$
12. CHAMFER: $<0.2 \text{ mm}, 45^\circ$
13. COATING(S1, S2): UNCOATING

	PART DESCRIPTION	MATERIAL
①	SM1-12.5A	ANODIZED ALUMINIUM
②	BCC70607	CAF2
③	SM1R	ANODIZED ALUMINIUM

DRAWING PROJECTION				LBTEK					
		NAME		DATE		MBCC70607			
DRAWN		BSHU		Aug. /19th/24		$\phi 25.4 \text{ mm}, F = -30.0$ BI-CONCAVE LENS Uncoated: 200 nm-8000 nm			
APPROVAL		WCHENG		Aug. /19th/24		MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES						CAF2	26.82g	2:1	A