



NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 1100 nm-1650 nm
3. DIAMETER TOLERANCE: +0.0/-0.1 mm
4. THICKNESS TOLERANCE: ±0.1 mm
5. FOCAL LENGTH: 40.0 mm±1%
6. BACK FOCAL LENGTH(REF): 36.3 mm
7. CLEAR APERTURE: >90%CA
8. SURFACE QUALITY(S/D)(S1,S2): 20/10
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): AR COATING $R_{avg} < 0.5\%$ @ 1100 nm-1650 nm

	PART DESCRIPTION	MATERIAL
①	SM1-8A	ANODIZED ALUMINIUM
②	BFCX10609-C	N-BK7
③	SM1R	ANODIZED ALUMINIUM

DRAWING PROJECTION				LBTEK					
		NAME		DATE		MBFCX10609-C			
DRAWN		BSHU		Aug./19th/24		ϕ 25.4 mm, F=40.0 mm BEST FORM LENS AR COATING 1100-1650 nm			
APPROVAL		WCHENG		Aug./19th/24		MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES						N-BK7	23.23g	2:1	B