



NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 400 nm-700 nm
3. DIAMETER TOLERANCE: +0.0/-0.1 mm
4. THICKNESS TOLERANCE:  $\pm 0.1$  mm
5. FOCAL LENGTH: 40.0 mm  $\pm 1\%$
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,  $45^\circ$
13. COATING(S1,S2): AR COATING  $R_{avg} < 0.5\% @ 400$  nm-700 nm

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

DRAWING PROJECTION		<b>LBTEK</b>				
	NAME	DATE	MBFCX10609-A			
DRAWN	BSHU	Aug./19th/24	$\phi 25.4$ mm, F=40.0 mm BEST FORM LENS AR COATING 400-700 nm			
APPROVAL	WCHENG	Aug./19th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N-BK7	23.23g	2:1	B