



SECTION A-A

NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6nm
2. FOCAL LENGTH: $f=99.7\text{mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF): $bf=98.9\text{mm}$
4. CLEAR APERTURE: $>90\%$
5. SURFACE QUALITY: 40-20 SCRATCH-DIG
6. CENTRATION: $<3\text{arcmin}$
7. DIAMETER TOLERANCE: $+0.0/-0.1\text{mm}$
8. THICKNESS TOLERANCE: $\pm 0.1\text{mm}$
9. COATING: BBAR $R_{\text{avg}} < 0.5\%$ FROM 350nm-700nm, 0° AOI, ON OUTER OPTICAL SURFACES

ALL DIMENSIONS ARE IN THE FORM $\frac{\text{[in]}}{\text{mm}}$

THIS DRAWING IS FOR INFORMATION ONLY
NOT INTENDED FOR MANUFACTURING

DRAWING PROJECTION			 			
	NAME	DATE	D12.7 F=100.0 N-BK7 A Coated Bi Convex Lens			
DRAWN	CWD	2022/5/18	BX1127-100-A			
APPROVAL	ZSB	2022/5/18	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLYNOT FOR MANUFACTURING PURPOSES			N-BK7		4:1	A