



SECTION A-A

NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6nm
2. FOCAL LENGTH:  $f=49.8\text{mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF):  $bf=49.0\text{mm}$
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,  $0^\circ$  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=50.0 N-BK7 A Coated Bi Convex Lens			
DRAWN	CWD	2022/5/18	EX1127-50-A			
APPROVAL	ZSE	2022/5/18	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLYNOT FOR MANUFACTURING PURPOSES			N-BK7		4:1	A