



SECTION A-A

NOTES/SPECIFICATIONS:

- DESIGN WAVELENGTH: 587.6nm
- FOCAL LENGTH: $f=99.7\text{mm} \pm 1\%$
- BACK FOCAL LENGTH(REF): $bf=96.5\text{mm}$
- CLEAR APERTURE: $>90\%$
- SURFACE QUALITY: 40-20 SCRATCH-DIG
- CENTRATION: $<3\text{arcmin}$
- DIAMETER TOLERANCE: $+0.0/-0.1\text{mm}$
- THICKNESS TOLERANCE: $\pm 0.1\text{mm}$
- COATING: BBAR $R_{\text{avg}} < 0.5\%$ FROM 350nm-700nm, 0° AOI, ON OUTER OPTICAL SURFACES

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

THIS DRAWING IS FOR INFORMATION ONLY
NOT INTENDED FOR MANUFACTURING

DRAWING PROJECTION							
	NAME	DATE	D50.8 F=100.0 N-EK7 A Coated Bi Convex Lens				
DRAWN	CWD	2022/5/18	EX1508-100-A				
APPROVAL	ZSE	2022/5/18	MATERIAL	WEIGHT	SCALE	REV	
FOR INFORMATION ONLYNOT FOR MANUFACTURING PURPOSES			N-EK7		1:1	A	