



SECTION A-A

NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6nm
2. FOCAL LENGTH: $f=124.6\text{mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF): $bf=121.9\text{mm}$
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 $R_{avg} < 0.5\%$ FROM 650nm-1050nm, 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

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|--|------|---|---|--------|-------|-----|
| DRAWING PROJECTION | |  |  | | | |
| | NAME | DATE | D50.8 F=125.0 N-BK7 B Coated Bi Convex Lens | | | |
| DRAWN | CWD | 2022/5/18 | EX1508-125-B | | | |
| APPROVAL | ZSE | 2022/5/18 | MATERIAL | WEIGHT | SCALE | REV |
| FOR INFORMATION ONLYNOT FOR MANUFACTURING PURPOSES | | | N-BK7 | | 1:1 | A |