



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: $\pm 0.1\text{mm}$

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 | D12.7 F=50.0 N-BK7 Bi Convex Lens | | | | |
| DRAWN | CWD | 2022/5/18 | BX1127-50-1 | | | | |
| APPROVAL | ZSE | 2022/5/18 | MATERIAL | WEIGHT | SCALE | REV | |
| FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES | | | N-BK7 | | 4:1 | A | |