



SECTION A-A

NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6nm
2. FOCAL LENGTH: $f=39.9\text{mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF): $bf=38.9\text{mm}$
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: $\pm 0.1\text{mm}$

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 | |  | |  | | | |
| | | | | D12.7 F=40.0 N-BK7 Bi Convex Lens | | | |
| DRAWN | CWD | 2022/5/18 | | EX1127-40-1 | | | |
| APPROVAL | ZSB | 2022/5/18 | | MATERIAL | WEIGHT | SCALE | REV |
| FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES | | | | N-BK7 | | 4:1 | A |