



SECTION A-A

NOTES/SPECIFICATIONS:

- DESIGN WAVELENGTH: 587.6nm
- FOCAL LENGTH: $f = -49.8\text{mm} \pm 1\%$
- BACK FOCAL LENGTH(REF): $bf = -50.8\text{mm}$
- 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 $R_{avg} < 0.5\%$ 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 | D25.4 F=-50.0 N-BK7 B Coated Bi Concave Lens | | | | |
| DRAWN | CWD | 2022/5/18 | BC1254--50-B | | | | |
| APPROVAL | ZSB | 2022/5/18 | MATERIAL | WEIGHT | SCALE | REV | |
| FOR INFORMATION ONLYNOT FOR MANUFACTURING PURPOSES | | | N-BK7 | | 2:1 | A | |