



SECTION A-A

NOTES/SPECIFICATIONS:

- DESIGN WAVELENGTH: 587.6 nm
- FOCAL LENGTH: $f=150.5\text{ mm} \pm 1\%$
- BACK FOCAL LENGTH(REF): $bf=149.4\text{ mm}$
- CLEAR APERTURE: $> \phi 22.86\text{ mm}$
- SURFACE QUALITY: 40-20 SCRATCH-DIG
- CENTRATION: $\leq 3\text{ arcmin}$
- DIAMETER TOLERANCE: $+0.0/-0.1\text{ mm}$
- THICKNESS TOLERANCE: $\pm 0.1\text{ mm}$
- COATING(S1,S2): BBAR $R_{avg} < 0.5\%$ FROM 650-1050 nm, 0° AOI

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

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|---|------|---|---|-----------|-------|-----|
| DRAWING PROJECTION | |  |  | | | |
| | NAME | DATE | F= 150.0 mm, D25.4 UV Fused Silica Bi-Convex Lens, B Coateding | | | |
| DRAWN | CWD | 2022/5/18 | BX4254-150-B | | | |
| APPROVAL | ZSB | 2022/5/18 | MATERIAL | WEIGHT | SCALE | REV |
| FOR INFORMATION ONLYNOT FOR MANUFACTURING PURPOSES | | | UV FUSED SILICA | 0.00289kg | 1:1 | A |