



# NOTES/SPECIFICATIONS:

- DESIGN WAVELENGTH: 588nm
- FOCAL LENGTH:  $f=250.0\text{mm} \pm 1\%$
- BACK FOCAL LENGTH(REF):  $bf=249.1\text{mm}$
- CLEAR APERTURE:  $>90\%$
- SURFACE QUALITY: 40-20 SCRATCH-DIG
- CENTRATION:  $\leq 3\text{arcmin}$
- DIAMETER TOLERANCE:  $+0.0/-0.1\text{mm}$
- THICKNESS TOLERANCE:  $\pm 0.1\text{mm}$

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

|   |      |   |   |        |       |     |
|---|------|---|---|--------|-------|-----|
| DRAWING<br>PROJECTION                                 |      |  |  |        |       |     |
|   | NAME | DATE  | D25.4 F=250.0 UV Fused Silica Bi Convex Lens  |        |       |     |
| DRAWN   | CWD  | 2022/5/18   | BX4254-250-1  |        |       |     |
| APPROVAL  | ZSE  | 2022/5/18   | MATERIAL  | WEIGHT | SCALE | REV |
| FOR INFORMATION ONLYNOT FOR<br>MANUFACTURING PURPOSES |      |   | UV GRADE FUSED<br>SILICA  | 0.03kg | 1:1   | A   |